

ANNUAL REPORT

OF THE

STREET DEPARTMENT



OF THE

CITY OF BOSTON.

1894.

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BOSTON: • ROCKWELL AND CHURCHILL, CITY PRINTERS. 1895.

Boston Street a oper. - June 14, 1895,

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HON. EDWIN U. CURTIS, Mayor of the City of Boston:

SIR: In compliance with the Revised Ordinances, the annual report of the operations and expenses of the Street Department for the year 1894 is herewith respectfully submitted.

### ORGANIZATION.

The work of the department during the past year has been carried on under the same organization that was effected when the consolidated department was created in 1891, the several divisions of the department being as follows:

> The Central Office. Bridge Division. Paving Division. Sewer Division. Sanitary Division. Street-Cleaning Division. Boston and Cambridge Bridges.

Each of the above divisions, with the exception of the Central Office Division and the Boston and Cambridge Bridges, is in charge of a deputy superintendent.

The Boston and Cambridge Bridges are managed by two commissioners, the Superintendent of Streets being the commissioner for the city of Boston, the other commissioner being appointed by the Mayor of the city of Cambridge.

The work of street-watering, which devolves on the Street Department, is carried on under the supervision of the Paving Division, with a foreman of street-watering in charge.

This service could be more efficiently rendered if it were undertaken as a separate division with a responsible deputy superintendent in charge.

The principal features of the work of the year may be summarized as follows:

Paving with new blocks and regulating about 30 streets in various districts, improving about 50,000 square yards of paved roadway surface, and repaying numerous other streets.

Construction of Telford-macadam roadways on Commonwealth avenue, from Arlington street to Massachusetts avenue, and continuation of general construction on the same avenue, from the Crossroads to Brighton, amounting in all to about \$375,000 worth of work.

Setting 52,706 lin. feet of new edgestone, and laying 19,615 square yards of new brick sidewalks.

Increasing our asphalt pavements by about 10,500 square yards.

Rebuilding Chelsea-street bridge, including a new steel swing draw, and repairing Charles-river bridge.

Rebuilding bridge and draw over Fort Point channel in connection with the separation of grade of Dover street and the N Y., N.H., & H. R.R.

Building 23 miles of sewers and building 226 catch-basins, repairing 445, and cleaning 6,913 others, removing therefrom about 20,000 cubic yards of filthy material.

Cleaning about 10,500 miles of streets, removing 95,478 loads of dirt.

Sprinkling about 330 miles of streets for nearly eight months.

Collecting and removing 326,798 loads of house dirt and ashes.

Collecting and removing 50,637 loads of house offal.

Building, under the Board of Survey Act, twelve macadam streets, at an expenditure of \$106,820, nine of which have been practically completed.

A perusal of the financial tables that follow shows that the department has expended for maintenance the sum of \$2,038,855.91, and that the total expenditures of the consolidated department, including special appropriations, have been \$3,333,730.70. Of this amount, \$490,800.14 was spent on laying out and constructing new streets under chapter 323 of the Acts of 1891, as amended by chapter 418 of the Acts of 1892, known as the Board of Survey Act. Under this act, seven orders of laying out were passed near the close of the year to construct and complete which will involve an expenditure of nearly \$2,000,000, while the land damages are estimated at \$1,284,908.50 in addition.

They are :

Blue Hill avenue, from Washington street to Mattapan.

Huntington avenue, from Copley square to Brookline line.

Harvard avenue, from Commonwealth avenue to the Brookline line.

Turner street, from Haviland street to Astor street.

Sherborn street, from Commonwealth avenue to Charles river.

Commonwealth-avenue extension, from Chestnut Hill avenue to the Newton line.

Columbus avenue, from Northampton street to Walnut avenue at the Park.

As the total amount of money available under this act for the coming year is only \$1,921,357.41, of which \$70,000 is required for the Board of Survey, \$500,000 for sewers and streets begun, and \$1,284,908.50 for land damages, it is evident that only \$66,448.91 remains available for new construction.

The laying out of Columbus avenue, together with the raising of the grade of the Providence Division of the N.Y., N.H., & H. R.R., now in progress, again force upon the city the question of the final disposition to be made of Stony brook.

### STONY BROOK.

Between Centre street and Ritchie street, the open channel of Stony brook, 22 feet wide and 10 to 14 feet deep and 600 feet long, is included within the lines of Columbus avenue, crossing the location of the avenue twice. The least that can be done here is to arch over this channel before the avenue can be constructed, a work which will cause the expenditure of a large sum of money, and which will have to be destroyed within a few years to make way for the low-grade channel recommended by the Stony Brook Commission of 1886.

A wiser course would be to build here a section of the Commissioners' channel. At a point 500 feet south of the point where the brook channel leaves the avenue, near Ritchie street, the N.Y., N.H., & H. R.R., is now build-

ing a section of the Commissioners' channel, extending to a point 500 feet south of Boylston street, a distance of 2,300 feet, the engineers of the railroad, after consultation with the City Engineer and the Superintendent of Streets, having decided that this was the wisest course, when it had become evident that the raising of the grade of the Providence Division necessitated the filling in of the old channel. the section of the Commissioners' channel is built as recommended between Centre and Ritchie streets, we shall then have two sections of the low-grade channel, one 600 feet long, the other 2,300 feet long, 500 feet apart, each drained by sections of the present channel, which is about 14 feet higher. The low-grade channels will therefore be filled at all times nearly to the crown of the arch with water, forming settling basins for the sand and mud of the brook, which will speedily fill them up.

The Commissioners' channel is now complete from Charles river, or more exactly from the ponds in the Back Bay Fens, to the Inlet Chamber near Pynchon street. This will have to be extended in the near future to join the section of channel between Centre and Ritchie streets, and this in its turn to join the section now being built by the N.Y., N.H., & H. R.R.

The Commissioners in 1886 recommended that in extending the channel above the Inlet Chamber, the original course of the brook be followed; that is, alongside the railroad as far as Old Heath street. But the experience of the city in 1880 may prove a valuable guide upon this point. The Superintendent of Sewers at that time, under whose direction the improvement of 1880–84 was begun, found that the damages demanded for land and buildings were so excessive that he was forced to build the channel in Pynchon street.

The experience would doubtless be repeated now. But, in addition to this, unless the channel is built immediately the N.Y., N.H., & H. R.R. will have erected here a retaining-wall about 19 feet high, carrying their four-track road; this will add so enormously to the difficulty and cost of excavating a trench 26 feet deep and 25 feet wide at its foot, that there cannot be any reasonable doubt that the city will be compelled to build this channel in Columbus avenue.

These considerations seem to make it evident that the extension of the low-grade channel from the Inlet Chamber up to join the section now being built by the railroad should precede the construction of Columbus avenue; otherwise shortly after surfacing this fine avenue the city will find itself forced to destroy it by excavating in it the enormous trench required for this channel, — a trench 26 to 28 feet wide and 28 to 32 feet deep.

But any extension of the low-grade channel of Stony brook immediately calls up for solution two other knotty problems, which are inextricably bound up in it : one is the question of the rights of the Boston Belting Company to the water of the brook; the other is the question of providing a low-grade sewer for those districts in West Roxbury which are too low to be sewered by extensions of the existing sewer system there.

The Boston Belting Company use the water of the brook in their processes of rubber manufacture, and claim the right to it in virtue of an old mill-privilege. To extend the lowgrade channel beyond the Inlet Chamber will cut off the water entirely from them unless some special device is adopted to cause the water to continue to flow down the old channel to their factory. Without attempting in this connection to discuss the relative rights of the Boston Belting Company and the city of Boston as to Stony brook, a discussion which would involve complicated legal points, it may be stated that there are three courses open to the city, if it be considered imperative or expedient to continue to supply the Belting Company with the water of the brook, viz. :

A. To erect a movable dam or large gate at the Inlet Chamber, damming up the water by means of it high enough to cause it to flow down the old channel in fair weather, and removing the dam during floods to allow an uninterrupted flow through the low-grade channel. This would require a damming up of  $13\frac{1}{2}$  feet.

B. To set up a pumping plant at the Inlet Chamber, and pump sufficient water up into the old channel to supply the factory.

C. To transfer the Inlet Chamber or a similar structure to the farthest point up stream to which the low-grade channel extends uninterruptedly, utilizing the existing channel to carry the Belting Company's supply between the Inlet Chamber and Centre street, and building an auxiliary channel from this point on, upon the haunch of the arch of Commissioners' channel.

If this latter scheme is adopted, arrangements should be made with the N.Y., N.H., & H. R.R. to build this auxiliary channel in connection with the section of the channel which they now have under construction, the city to pay the extra cost to the contractors.

There is time enough to make such arrangements as no more masonry will be built until spring.

The second problem mentioned above as connected with

the extension of the low-grade channel, viz., the building of a low-grade sewer for the Stony-brook valley, is simpler. There are about 500 acres of land in West Roxbury adjacent to the channel of the brook which is too low to be sewered by the existing system; some of it is being developed by new streets, and is being built upon. A sewer low enough to serve this territory can never be built half so cheaply as it can in connection with the building of this low-grade channel for the brook.

From the head of the Stony-brook branch of the intercepting system, at the corner of Elmwood and Linden Park streets to the Roxbury crossing, there is an unused 7-foot brick channel. From this point up to the Inlet Chamber the channel is only partially filled by the stream which is allowed to flow to the Belting Company. A sewer could be built cheaply here. From the Inlet Chamber up, a sewer could be built in the open channel as well as it could be below the Inlet Chamber, and one of the two  $7 \times 10$  foot brick channels in Pynchon street would be available for it, even if the other were utilized for the auxiliary channel before mentioned. Above Centre street this sewer would have to be carried upon the haunch of the low-grade channel, and the same arrangement made with the railroad company in regard to building it as previously discussed in regard to an auxiliary channel.

These problems are so involved, each with the others, that this department and the city government should come to a decision in regard to them without delay, as the opportunity to build all that will be required in this narrow valley cheaply and without destroying previous costly work will never occur again.

The interests involved are serious enough, and the economy which can be affected is great enough to warrant obtaining the necessary funds by means of a special longtime loan outside the debt limit, if no other means are available.

The improvement of 1880-84 stopped at the Florencestreet bridge, about a quarter of a mile north-easterly from Mount Hope station.

Private parties interested in Hyde Park lands have, during the past year, carried this improvement on up to the Hyde Park line, under an agreement with the city, they to do the work to the satisfaction of the City Engineer, and the city to pay them the sum of \$6,000; culverts at streetcrossings have been rebuilt or underpinned where good enough, and the channel excavated to the theoretical grade of the improvement of 1880–84, and to a width, substantially, of 10 feet.

Owing to the fact that this report covers a fiscal year, during which the department was in charge of another Superintendent, except for a small proportion of the time, it does not seem expedient or proper for me to enter into further discussion of the details of the work rendered possible and accomplished through his acknowledged ability and energy.

The report of the Executive Engineer, which follows, alludes in details to all the special features of the work of the year, and shows the force emp oyed and the work undertaken, together with a valuable table of prices that obtained on a contract basis. Special attention might be called to the subjects of "Surface Drainage," "Street Cleaning," and "Smoke Nuisance."

In addition to this report, five appendices are herewith submitted, in which will be found the reports of the several Deputy Superintendents, showing the expenditures of each division in detail. They are as follows:

Appendix A — Bridge Division.

- " B Paving Division.
- " C Sanitary Division.
- " D Sewer Division.
- " E Street-Cleaning Division.
- " F Former Superintendents and Document Numbers.

Respectfully submitted,

B. T. WHEELER, Superintendent of Streets.

### BOSTON, February 1, 1895.

### MR. BERTRAND T. WHEELER, Superintendent of Streets:

DEAR SIR: I herewith respectfully submit the fourth annual report of the operations and expenses of the Street Department since consolidation, the same being a full statement thereof for the year 1894:

### CENTRAL OFFICE DIVISION.

### EXPENSES OF THE CENTRAL OFFICE.

For the current expenses of the Central Office the City Council appropriated the sum of twenty thousand dollars (\$20,000), to which was transferred from the Paving Division the sum of one thousand dollars (\$1,000), making a total of twenty-one thousand dollars (\$21,000), which was expended as follows:

| Salaries<br>General |       | expend | itures | • | • | $     \$17,236 \ 67 \\     3,647 \ 62 $ |
|---------------------|-------|--------|--------|---|---|-----------------------------------------|
| Tot                 | cal . |        |        | • |   | \$20,884 29                             |

leaving a balance of one hundred fifteen dollars and seventyone cents (\$115.71), which was transferred to the city treasury.

|                                                             | Balances<br>Jannary 31, 1895.                                     | \$650 00<br>13 15<br>45,044 53<br>14,000 00<br>13,000 00<br>14,260 00                                                       | <sup>9</sup> \$69,083 39 | ring<br>1112<br>1112<br>1112<br>1112<br>111<br>111<br>111                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             | Expenditures for the<br>twelve months ending<br>January 31, 1895. | \$130,137 21<br>\$11,946 85<br>20,884 29<br>20,884 29<br>171,008 62<br>407,499 02<br>301,477 44<br>301,477 44<br>301,477 44 | \$2,038,855 91           | <ul> <li>Appropriation 1894-5</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| mary 31, 1895.<br>.E.                                       | Total Credits.                                                    | 1 \$130,787 21<br>2 12,000 00<br>8 21,000 00<br>4 770,453 15<br>6 467,459 02<br>7 302,477 44<br>8 91,429 08                 | \$2,107,939 30           | \$17,332 84<br>17,332 84<br>\$467,459 02<br>\$467,459 02<br>\$424 74<br>\$329,000 00<br>1,538 66<br>1,538 |
| From February 1, 1894, to January 31, 1895.<br>MAINTENANCE. | Revenue.                                                          | \$7,702.30<br>\$7,702.30<br>\$7,702.30                                                                                      | \$7,939 30               | 1894-5.<br>Reet-Wate<br>Street-Wate<br>Benet-Wate<br>Benet-Wate<br>Benet-Wate<br>Benet-Wate<br>Benet-Wate<br>Benet-Wate<br>Street-Wate<br>Benet-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Wate<br>Street-Street-Wate<br>Street-Street-Wate<br>Street-Street-Wate<br>Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street-Street                                                                                                                                                                                                                            |
| From February                                               | Appropriations and<br>Transfers during 1894.                      | \$130,757 21<br>212,000 00<br>21,000 00<br>752,530 85<br>467,459 02<br>302,240 44<br>91,429 08                              | \$2,100,000 00           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                             | APPROPRIATION.                                                    | Street Department:<br>Bidge Division                                                                                        | Totals                   | Appropriation 1894-5.       \$125,000 00         Transferred from Paving Division       \$130,737 21         * Appropriation 1894-5.       \$12,000 00         * Appropriation 1894-5.       \$12,000 00         * Appropriation 1894-5.       \$12,000 00         * Appropriation 1894-5.       \$20,000 00         Transferred from Paving Division       \$20,000 00         Transferred from special appropriations       \$21,000 00         for 'blocks' andreparing for corpora-       \$500,000 00         Transferred from special appropriations       \$507,702 30         for 'blocks' andreparing for corpora-       \$507,702 30         Transferred to Central Office.       \$1,000 00         " Sever Voice"       \$507,702 30         " Soundary Divin"       \$507,702 30         " Sever Voice"       \$1,792 44         " Sever Voice"       \$1,792 44         " Sever Voice"       \$1,900 60         " Sever Voice"       \$1,900 60         " Sever Voice"       \$1,000 60         " Sever Voice"       \$1,000 60         " Sever Voice"       \$1,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

FINANCIAL STATEMENT OF THE STREET DEPARTMENT APPROPRIATION.

## STREET DEPARTMENT.

| Object of Appropriation.                          | Appropria-<br>tions,<br>Balances, and<br>Transfers. | Expended<br>from Feb. 1,<br>1894, to<br>Jan. 31, 1895. | Balances on<br>haud Jan.<br>31, 1895. |
|---------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------|---------------------------------------|
| Arklow st                                         | \$1,600 00                                          |                                                        | \$1,600 00                            |
| Baker st., Ward 23                                | 1,350 40                                            | \$1,350 40                                             |                                       |
| Bellflower st                                     | 3,000 00                                            | 3,000 00                                               |                                       |
| Blakeville st                                     | 1,500 00                                            | 1,500 <b>0</b> 0                                       |                                       |
| Blue Hill ave., paving                            | 25,000 00                                           | 25,000 00                                              |                                       |
| Bond st                                           | 1,091 18                                            |                                                        | 1,091 18                              |
| Bumstead lane                                     | 7,327 00                                            | 7,327 00                                               |                                       |
| Bunker Hill st                                    | 3,200 00                                            | 372 15                                                 | 2,827 85                              |
| Bushnell st                                       | 2,000 00                                            | 2,000 00                                               |                                       |
| Charter st                                        | 4,800 00                                            | 9 20                                                   | 4,790 80                              |
| Commonwealth ave., construction                   | 301,815 55                                          | 1 301,624 47                                           | 191 08                                |
| Congress and L sts                                | 14,700 00                                           | 558 00                                                 | 14,142 00                             |
| Cranston st                                       | 568 75                                              | 568 75                                                 |                                       |
| Dartmouth st., Boylston st. to Commonwealth ave., | 6,200 00                                            | 5,839 65                                               | · 360 35                              |
| Day st., Ward 22, macadamizing                    | 7,500 00                                            | 7,500 00                                               |                                       |
| Fay st                                            | 1,408 82                                            | 1,408 82                                               |                                       |
| Henchman st                                       | 3,000 00                                            |                                                        | 3,000 00                              |
| Lewis st. extension                               | 2,500 00                                            | 1,834 79                                               | 665 21                                |
| Mill st                                           | 2,000 00                                            | 2,000 00                                               |                                       |
| Millet st                                         | 595 88                                              | 595 88                                                 | -                                     |
| Montview st                                       | 1,273 05                                            | 1,273 05                                               |                                       |
| Mt. Vernon st., grade damages                     | 1,325 00                                            | 1,325 00                                               |                                       |
| Newport st                                        | 1,904 12                                            | 1,904 12                                               |                                       |
| Oak st., Harrison ave. to Washington st           | 3,313 18                                            | 3,313 18                                               |                                       |
| Park st., Charlestown                             | 1,138 23                                            | 1,138 23                                               |                                       |
| Preston st.                                       | 5,000 00                                            | 5,000 00                                               |                                       |
| Prince st., Hanover st. to N. Bennett ave         | 3,500 00                                            |                                                        | 3,500 00                              |
| Ruth st                                           | 5,029 74                                            | 5,029 74                                               |                                       |
| Second st                                         | 8,000 00                                            | 7,065 69                                               | 934 31                                |
| Talbot ave                                        | 27,372 00                                           | 18,501 41                                              | 8,870 59                              |
| Thetford st                                       | 3,000 00                                            | 3,000 00                                               |                                       |
| Utica st., Harvard st. to Kneeland st             | 4,909 46                                            | 4,909 46                                               |                                       |
| Carried forward                                   | \$456,922 56                                        | \$414,949 19                                           | \$41,973 37                           |

Paving Division Specials.

<sup>1</sup> Draft of \$5,450.91 reserved.

| OBJECT OF APPROPRIATION.                          | Appropria-<br>tions,<br>Balances, and<br>Transfers. | Expended<br>from Feb. 1,<br>1894, to<br>Jan. 31, 1895. | Balances on<br>hand Jan.<br>31, 1895. |
|---------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------|---------------------------------------|
| Brought forward                                   | \$456,922 56                                        | \$414,949 19                                           | \$41,973 37                           |
| Utica st., Kneeland st. to Beach st               | 794 28                                              | 794 28                                                 |                                       |
| Van Rensselaer place                              | 450 00                                              | 450 00                                                 |                                       |
| Warren st., Soley st. to Winthrop st., asphalting | 600 00                                              |                                                        | 600 00                                |
| Washington st., Ward 25                           | 38,000 00                                           | 6,848-88                                               | 31,151 12                             |
| Whiting st                                        | 2,135 00                                            | 2,135 00                                               |                                       |
| Totals                                            | \$498,901 84                                        | \$425,177 35                                           | \$73,724 49                           |

### Paving Division Specials. - Concluded.

Street Improvements.

| OBJECT OF APPROPRIATION.                                                                                                                                                                                                                                                                                                                                                                                                                                             | Appropri-<br>tions,<br>Balances, and<br>Transfers.                                                                                                            | Expended<br>from Feb. 1,<br>1894, to<br>Jan. 31, 1895.                                                                                           | Balances on<br>hand Jan.<br>31, 1895.                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Street Improvements, Aldermanic District No. 1.<br>Street Improvements, Aldermanic District No. 2.<br>Street Improvements, Aldermanic District No. 3<br>Street Improvements, Aldermanic District No. 4<br>Street Improvements, Aldermanic District No. 6.<br>Street Improvements, Aldermanic District No. 6.<br>Street Improvements, Aldermanic District No. 6.<br>Street Improvements, Aldermanic District No. 7<br>Street Improvements, Aldermanic District No. 8. | $\$12,200\ 00$<br>17,185 75<br>1,115 98<br>15,037 43<br>537 82<br>37,003 44<br>3,346 29<br>10,169 29                                                          | $12,200 \ 00$<br>$17,185 \ 75$<br>$1,115 \ 98$<br>$15,037 \ 43$<br>$537 \ 82$<br>$23,522 \ 78$<br>$3.346 \ 29$<br>$10,169 \ 29$<br>$10,169 \ 29$ | \$13,480 66                                              |
| Street Improvements, Aldermanic District No.9.<br>Street Improvements, Aldermanie District No.11.<br>Street Improvements, Aldermanie District No.12.<br>Street Improvements, Wards 1 and 2<br>Street Improvements, Ward 3.<br>Street Improvements, Ward 4.<br>Street Improvements, Ward 5.<br>Street Improvements, Ward 6.                                                                                                                                           | $\begin{array}{c} 32,513 \ 88 \\ 15,267 \ 04 \\ 1,890 \ 69 \\ 12,470 \ 26 \\ 6,666 \ 67 \\ 6,666 \ 67 \\ 7,560 \ 41 \\ 7,000 \ 00 \\ 18,668 \ 54 \end{array}$ | $\begin{array}{c} 32,513 \ 88 \\ 15,267 \ 04 \\ 1,890 \ 69 \\ 2,548 \ 58 \\ 6,109 \ 06 \\ 4,849 \ 02 \\ 18,668 \ 54 \end{array}$                 | 1,971 57<br>4,118 09<br>6,666 67<br>1,451 35<br>2,150 98 |
| Street Improvements, Ward 8                                                                                                                                                                                                                                                                                                                                                                                                                                          | $\begin{array}{c} 13,000 & 00 \\ 20,000 & 00 \\ 5,000 & 00 \\ 5,000 & 00 \\ 20,000 & 00 \\ 11,882 & 88 \\ 14,500 & 00 \end{array}$                            | $\begin{array}{c} 13,000 & 00\\ 12,448 & 08\\ \hline 5,000 & 00\\ 20,000 & 00\\ 124 & 26\\ 11,303 & 45\\ \end{array}$                            | 7,551 92<br>5,000 00<br>11,758 62<br>3,196 55            |
| Street Improvements, Ward 15 Street Improvements, Wards 17 and 18 Street Improvements, Wards 19 and 22 Street Improvements, Ward 20 Street Improvements, Ward 21 Street Improvements, Wards 23 and 25                                                                                                                                                                                                                                                                | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                          | 7,367 20<br>12,341 94<br>15.000 00<br>9,363 19<br>11,765 00<br>25,000 23                                                                         | 4,132 80<br>17,658 06<br>636 81<br>4,999 77              |
| Street Improvements, Ward 24                                                                                                                                                                                                                                                                                                                                                                                                                                         | 28,000 00<br>418 01<br>\$431,366 05                                                                                                                           | 28,000 00<br>418 01<br>\$346,592 20                                                                                                              | \$84,773 85                                              |

| Object of Appropriation.                | Appropri-<br>ations,<br>Balances, and<br>Transfers. | Expended<br>from Feb. 1,<br>1894, to<br>Jan. 31, 1895. | Balances on<br>hand Jan.<br>31, 1895. |
|-----------------------------------------|-----------------------------------------------------|--------------------------------------------------------|---------------------------------------|
| Boylston st., "Surface Drains"          | \$1,600 00                                          | \$1,600 00                                             |                                       |
| Sewers, Brighton                        | 2,486 47                                            | 2,486 47                                               |                                       |
| Sewer outlet, East Boston               | 1,800 00                                            | 1,800 00                                               |                                       |
| Sewer between Roslindale and W. Roxbury | 280 00                                              | 280 00                                                 |                                       |
| Sewers, South Boston                    | 2,348 05                                            | 1,081 80                                               | \$1,266 25                            |
| Stony-brook damages                     | 5,670 15                                            | 5,670 15                                               |                                       |
| Sewers, Ward 23, Washington st., etc    | 591 29                                              | 591 29                                                 |                                       |
| Totals                                  | \$14,775 96                                         | \$13,509 71                                            | \$1,266 25                            |

### Sewer Division Specials.

Bridge Division Specials.

| Object of Appropriation.               | Appropriations,<br>Balances, and<br>Transfers. | Expended from<br>Feb. 1, 1894,<br>to Jan. 31, 1895. | hand        |
|----------------------------------------|------------------------------------------------|-----------------------------------------------------|-------------|
| Berwick-park foot-bridge               | \$5,115 17                                     | \$5,115 17                                          |             |
| Boylston-st. bridge                    | 1,094 00                                       | 1,094 00                                            |             |
| Broadway bridge                        | 499 37                                         | 499 37                                              |             |
| Bridge improvements, Wards 12 and 13 . | 501 77                                         | 501 77                                              |             |
| Chelsea-st. bridge, rebuilding         | 30,000 00                                      | 11,585 08                                           | \$18,414 92 |
| Gold st. bridge                        | 25,000 00                                      | • • • · • • • • •                                   | 25,000 00   |
| Totals                                 | \$62,210 31                                    | \$18,795 39                                         | \$43,414 92 |

LAYING OUT AND CONSTRUCTION OF HIGHWAYS.

### Expenditures.

| Sewer construction  | • | • | • | <sup>1</sup> \$420,138 58 |
|---------------------|---|---|---|---------------------------|
| Street construction | • |   | • | <sup>2</sup> 70,661 56    |
|                     |   |   |   |                           |
| Total .             |   |   |   | \$490,800 14              |
|                     |   |   |   |                           |

<sup>1</sup> Draft of \$441.10 reserved.

<sup>2</sup> Draft of \$150 reserved.

| Object of Appropriation.                   | Current Ex-<br>penses for the<br>twelve months<br>ending<br>Jan. 31, 1895. | Special<br>Appropriations. | Totals.       |
|--------------------------------------------|----------------------------------------------------------------------------|----------------------------|---------------|
| reet Department :                          |                                                                            |                            |               |
| Central Office                             | \$20,884 29                                                                |                            | \$20,884 29   |
| Bridge Division                            | 130,137 21                                                                 | \$18,795-39                | 148,932 60    |
| Boston and Cambridge Bridges               | 11,986 85                                                                  |                            | 11,986 85     |
| Paving Division                            | 715,608 62                                                                 | <sup>1</sup> 425,177 35    | 1,140,785 9   |
| Sanitary Division                          | 467,459 02                                                                 |                            | 467,459 0     |
| Sewer Division                             | 304,133 40                                                                 | 13,509 71                  | 317,643 1     |
| Street-Cleaning Division                   | 301,477 44                                                                 |                            | 301,477 4     |
| Street-Watering                            | 87,169 08                                                                  |                            | 87,169 0      |
| Street Improvements                        |                                                                            | 346,592 20                 | 346,592 2     |
| Laying Out and Construction of<br>Highways |                                                                            | <sup>2</sup> 490,800 14    | 490,800 1     |
| Totals                                     | \$2,038,855 91                                                             | \$1,294,874 79             | \$3,333,730 7 |

### Recapitulation of Expenditures for the Twelve Months ending January 31, 1895.

<sup>1</sup> Draft of \$5,450.91 reserved. <sup>2</sup> Drafts of \$150 and \$441.10 reserved.

### Street-building under Chap. 323 of the Acts of 1891, as amended by Chap. 418 of the Acts of 1892.

| STREET.                                                            | Paving.     | Sewer.      | Totals.     |
|--------------------------------------------------------------------|-------------|-------------|-------------|
| Arundel st., Mountfort st. to Beacon st                            | \$3,048 26  | \$564 24    | \$3,612 50  |
| <sup>1</sup> Batavia st., St. Stephen st. to Parker st             | 411 02      |             | 411 02      |
| <sup>1</sup> Bay State road, Deerfield st. to Sherborn st          | 3,589-90    | 416 43      | 4,006 33    |
| <sup>a</sup> Deerfield st., Commonwealth ave. to Charles river .   | 2,658 19    | 130 28      | 2,788 47    |
| Huntington ave., Copley sq. to Brookline line                      | 10 25       |             | 10 25       |
| Ivy st., St. Mary's st. to Mountfort st                            | 8,302 22    | 3,144 12    | 11,446 34   |
| <sup>1</sup> Miner st., Beacon st. to Brookline branch B.& A.R.R., | 255 19      | 53 65       | 308 84      |
| Mountfort st., Ivy st. to Audubon road                             | 4,367 24    | 1,520 75    | 5,887 99    |
| Newbury st., Charlesgate West to Brookline ave                     | 2 14,686 86 | 9,267-63    | 23,954 49   |
| Norway st., Falmouth st. to Massachusetts ave                      | 151 35      | 1,561 43    | 1,712 78    |
| Parker st., Westland ave. to Huntington ave                        | 21,805 37   | 18,516-18   | 40,321 55   |
| Sherborn st., Commonwealth ave. to Charles river                   | 10 75       | 195-28      | 206 03      |
| St. Germain st., Massachusetts ave. to Turner st                   | 1,747 53    | 789-25      | 2,536-78    |
| Turner st., Haviland st. to Astor st                               | 13 00       |             | 13 00       |
| Totals                                                             | \$61,057 13 | \$36,159-24 | \$97,216 37 |

<sup>1</sup> Bullt mainly in 1893,

<sup>2</sup> Draft of \$150 reserved.

Street-building under Chap. 462 of the Acts of 1892 and Chap. 439 of the Acts of 1894.

| STREET.                                      | Paving.    | Sewer. | Totals.      |
|----------------------------------------------|------------|--------|--------------|
| Boylston st., Boylston road to Brookline ave | \$9,604 43 |        | ' \$9,604 43 |
| Totals                                       | \$9,604 43 | •••••  | \$9,604 43   |

### INCOME.

Statement showing the amount of bills and cash deposited with City Collector for the year ending January 31, 1895, by the several divisions of the Street Department:

| Central Office .         |      |                      |   |   | \$20      | 00 |
|--------------------------|------|----------------------|---|---|-----------|----|
| Paving Division .        |      |                      |   |   | 17,268    | 41 |
| Sewer Division .         |      |                      |   |   | 196,727   | 81 |
| Sanitary Division        |      | •                    |   | • | 41,820    | 55 |
| Street-Cleaning Division | n    |                      |   |   | 8,163     | 77 |
| Bridge Division .        |      |                      |   |   | 1,598     |    |
| Street-Watering .        |      |                      |   |   | 906       | 77 |
| Boston and Cambridge     | Brid | $\operatorname{ges}$ | • | • | 597       | 81 |
|                          |      |                      |   |   | \$267,103 | 74 |
|                          |      |                      |   |   |           |    |

Statement showing the amount paid into the city treasury during the same period on account of the several divisions of the Street Department :

| Central Office    |   |       |     |  | \$20      | 00  |  |
|-------------------|---|-------|-----|--|-----------|-----|--|
| Paving Division   |   |       |     |  | 52,836    | 10  |  |
| Sewer Division    |   |       |     |  | 106,317   | 20  |  |
| Sanitary Division |   |       |     |  | 44,870    | 94  |  |
| Street-Cleaning I |   | n     |     |  | 2,146     | 05  |  |
| Bridge Division   |   |       |     |  | 1,598     | 62  |  |
| Street-Watering   |   |       |     |  | 295       | 25  |  |
| Boston and Camb   |   | Bridg | res |  | 597       | 81  |  |
|                   | 0 | ,     | -   |  | \$208,681 | .97 |  |
|                   |   |       |     |  | \$200,001 |     |  |

### List of Contracts from February 1, 1894, to January 31, 1895, made by the Street Department.

### Paving Blocks.

| Contract.                    | Awarded to            | Proposal rec'd. | Price per M. |
|------------------------------|-----------------------|-----------------|--------------|
| Large paving-blocks, 300,000 | Rockport Granite Co., | March 15, 1894. | \$66 70      |

### Spruce Lumber.

| DISTRICT.                                                        | A warded to                                                       | Proposal<br>received. | Price per M ft. B. M.                                                               | Price<br>for<br>Planing<br>per M<br>ft.        |
|------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| East Boston<br>Charlestown<br>Brighton<br>Roxbury<br>City proper | John W. Leatherbee,<br>""""""<br>{ Curtis & Pope }<br>Lumber Co } | April 23, 1894.       | $ \begin{cases} \$15 \ 75 \\ 15 \ 50 \\ 15 \ 38 \\ 14 \ 95 \\ 14 \ 45 \end{cases} $ | \$1 00<br>1 00<br>0 95<br>0 95<br>0 95<br>0 95 |

### Beach Gravel.

| District. | Awarded to   | Proposal<br>received. | Price per<br>ton.                  |
|-----------|--------------|-----------------------|------------------------------------|
| City      | Hugh Farrell | March 19, 1894.       | \$0 59<br>delivered on<br>wharves. |

#### Coal.

| Contract.                                  | · Awarded to                         | Proposal received. | Price per ton,<br>2,240 lbs. |
|--------------------------------------------|--------------------------------------|--------------------|------------------------------|
| 1,500 tons, Pumping Station,<br>Dorchester | C. H. Sprague & Son .                | Mar. 10, 1894.     | \$3 27                       |
| 1,500 tons, Pumping Station,<br>Dorchester | H. G. Jordan & Co<br>(Incorporated.) | Aug. 14, 1894.     | 3 17                         |

### Iron Castings.

| CONTRACT.     | A warded to                | Proposal<br>received. | Price per<br>100 lbs. |  |
|---------------|----------------------------|-----------------------|-----------------------|--|
| Iron Castings | Mechanics' Iron Foundry Co | March 23, 1894.       | \$1 43                |  |

|                            | Price.             | Feb.       8, 1834       \$40,150.50.         Aug. 27, 1894       \$1,094.00.         Aug. 15, 1894       \$1,094.00.         Sept.       \$15,964.00.         Sept.       \$1594.00.         Nov.       \$, 1894         \$1894       \$150.100.         Aug. 28, 1894       \$150.100.         Nov.       \$, 1894         \$150.       Paid to the city.         (D) - Putting on 7 x 14 in. double girder-caps. \$40 per M ft. B.M.         (E) - Putting on stringers and bolsters, \$35 per M ft. B.M.                                                                                                                                                                                                                                                                                                                     |                     | Price.             | \$250 per year, payable quarterly.<br>\$460.31 per month.                                                                  |
|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| hening, etc.               | Proposal received. | <ul> <li>Feb. 8, 1894</li> <li>Aug. 27, 1894</li> <li>Aug. 15, 1894</li> <li>Sept. 4, 1894</li> <li>Aug. 28, 1894</li> <li>Nov. 8, 1894</li> <li>(D) — Putting on 73</li> <li>(E) — Putting on sui</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | nd, etc.            | Proposal received. | July 10, 1894<br>Aug. 1, 1894                                                                                              |
| Bridge-Strengthening, etc. | Awarded to         | Leavitt, Dailey, & Crockett<br>Boston Bridge Works<br>B. F. Nay & Co<br>Boston Bridge Works<br>Trumbull & Ryan<br>Hammett & Son                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lease of Land, etc. | Lessor.            | East Boston Dry Dock Co, July 10, 1894<br>James J. Costello Aug. 1, 1894                                                   |
|                            | Contract.          | Abutments, Cottage Farm Bridge over B. & A. R.R.       Leavitt, Dailey, & Crockett.         Iron railing, Boylaton-street Bridge       Boston Bridge Works         Rebuilding Chelsen-street Bridge       B. F. Nay & Co.         Furnishing ron draw, Chelsen-street Bridge       B. F. Nay & Co.         Furnishing ron draw, Chelsen-street Bridge       B. F. Nay & Co.         Repuilding Chelsen-street Bridge       B. F. Nay & Co.         Repairing and strengthening Charles-river Bridge       Boston Bridge Works         Sale, "up-stream" draw, Dover-street Bridge       Hammett & Son         * (A)       Furnishing, driving, capping, etc., bents of piles, \$9.52 per pile.         (B)       Driving and streering in place each spurshore.         (B)       Driving and streering in place each spurshore. |                     | Contract.          | Flats and docks for public landing, East Boston Bast Boston Dry Dock Co<br>Land and wharf, Revere street James J. Costello |

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Bridge-Strengthe

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## CITY DOCUMENT No. 34.

| Quarrying Stone. | Terms.             | \$0.35 per ton.                                           | \$0.33 per ton.                                           | \$0.75 per ton.                                              |                | Price.             | \$1,425.00.                         |                             | Price.             | \$0.57 per ton.          | \$0.16½ per aq. yd.                                                                                                                             |
|------------------|--------------------|-----------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|----------------|--------------------|-------------------------------------|-----------------------------|--------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | Proposal received. | Jan. 4, 1894                                              | July 13, 1894                                             | June 10, 1894                                                | Wall.          | Proposal received. | Jan. 27, 1894                       | 1 Stone, etc.               | Proposal received, | June 26, 1894            | July 5, 1894                                                                                                                                    |
|                  | Lessor.            | W. P. Page Jan. 4, 1894                                   | C. L. Perrin, Agent                                       | Rosseter-street John McMorrow June 10, 1894                  | Removing Wall. | A warded to        | A. A. Elston                        | Teaming Crushed Stone, etc. | A warded to        | H. P. Nawn June 26, 1894 | Owen Doherty July 5, 1894                                                                                                                       |
|                  | Contract.          | Quarrying and removing stone from Tremont-street<br>ledge | Quarrying and removing stone from Tremont-street<br>ledge | Quarrying and furnishing stone to Rosseter-street<br>erusher |                | CONTRACT.          | Essex street, corner Lincoln street |                             | CONTRACT.          |                          | Paring-blocks from Washington street, between Blot<br>and Boylston streets, to Commonwealth avenue,<br>from Harvard avenue to Washington street |

Quarrying Stone.

STREET DEPARTMENT.

|                                   | Price              |
|-----------------------------------|--------------------|
| noving Material.                  | Proposal received. |
| Excavating and Removing Material. | Awarded to         |

| Price.             | (A) \$0.90 per cubic yard.                 | (A) \$0.80 per cubic yard.                                      | (A) $0.97$ per cubic yard.                                | (A) \$0.93 per cubic yard.                                 | (A) \$0.80 per cubic yard.                                             | (A) \$0.95 per cubic yard.                                      | (A) \$0.89 per cubic yard.                                     | (A) \$0.99 per cubic yard.                                       | (A) \$0.89 per cubic yard.                                             | (A) \$0.97 per cubic yard.            | (A) $0.75$ per cubic yard; (B) $0.12\frac{1}{2}$ per square yard. | (A) \$0.15 per cubic yard; (B) \$0.15 per square yard. | (A) \$0.47 per cubic yard; (B) \$0.17 per square yard. | (A) \$1.12 per cubic yard; (B) \$0.10 per square yard. | (B) — Removing old paving. |
|--------------------|--------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|----------------------------|
| Proposal received. | May 16, 1894                               | July 13, 1894                                                   | July 13, 1894                                             | July 13, 1894                                              | July 13, 1894                                                          | July 14, 1894                                                   | Jaly 14, 1894                                                  | July 14, 1894                                                    | July 14, 1894                                                          | Sept. 4, 1894                         | Sept. 15, 1894                                                    | Sept. 20, 1894                                         | Sept. 20, 1894                                         | Oct. 1, 1894                                           | (B) — Ren                  |
| Awarded to         | J. J. Sullivan                             | F. H. Cowin                                                     | J. J. Sullivan                                            | D. F. O'Connell                                            | Doherty & O'Leary                                                      | F. H. Cowin                                                     | Doherty & O'Leary                                              | D. F. O'Connell                                                  | J. J. Sullivan                                                         | J. J. Sullivan                        | J. J. Sullivan                                                    | S. & R. J. Lombard                                     | P. O'Riorden                                           | P. F. Lonergan                                         | excavating.                |
| CONTRACT.          | Arlington st., from Beacon to Marlboro' st | Commonwealth ave., north side, Arlington st. to<br>Clarendon st | Commonwealth ave., north side, Clarendon to Exeter<br>st. | Commonwealth ave., north side, Exeter to Gloucester<br>st. | Commonwealth ave., north side, Gloucester st. to<br>Massachusetts ave. | Commonwealth ave., south side, Arlington st. to<br>Clarendon st | Commonwealth ave, south side, Clarendon st. to Bx-<br>eter st. | Commonwealth ave., south side, Exeter st. to Glouces-<br>ter st. | Commonwealth ave., south side, Gloucester st. to<br>Massachusetts ave. | Dartmouth st., Boylston to Newbury st | Massachusetts ave., south side, Washington to Albany st.          | Cambridge st., Joy st. to Bowdoin sq                   | Charles st., Pinckney to Cambridge st                  | Albany st., Lehigh st. towards Broadway extension .    | (A) — Earth excavating     |

| Filling. | Price.             | \$0.53 per cubic yard.                                        | \$0.621 per cubic yard.                                                              |                                | Price.             | \$0.06 per sq. ft., sidewalk; \$0.20 per sq. ft., gutters. | Sidewalk, \$0.06 per sq. ft.; curb, \$0.10 per lin. ft. | Sidewalk, \$0.06 per sq. ft.; curb, \$0.10 per lin. ft. | Sidewalk, \$0.06 per sq. ft.; curb, \$0.10 per lin. ft. | Sidewalk, \$0.06 per sq. ft.; curb, \$0.10 per lin. ft. | Sidewalk, \$0.06 per sq. ft.; curb, \$0.10 per lin. ft. | Warner II. Jenkins Co Oct. 1, 1894 Curb, \$0.10 per lin. ft. In payment for sidewalk, the city furnishes the stone foundation. |
|----------|--------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------|--------------------|------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|          | Proposal received. | Oct. 29, 1894                                                 | Nov. 21, 1894                                                                        | alk and Cur)                   | Proposal received. | Sept. 17, 1894                                             | Oct. 1, 1894                                            | Oct. 1, 1894                                            | Oct. 1, 1894                                            | Oct. 1, 1894                                            | Oct. 1, 1894                                            | Oct. 1, 1894.                                                                                                                  |
|          | Awarded to         | M. Kiernan Oct. 29, 1894                                      | J. O'Brien                                                                           | Granolithic Sidewalk and Curb. | A warded to        | Warner H. Jenkins Co.                                      | Warner H. Jenkins Co.                                   | Warner H. Jenkins Co.                                   | Warner H. Jenkins Co.                                   | Warner H. Jenkins Co Oct. 1, 1894                       | Warner II. Jenkins Co Oct. 1, 1894                      | Warner H. Jenkins Co.                                                                                                          |
|          | Contract.          | Commonwealth ave., south side, Brighton ave. to<br>Harvard st | 75,000 cubic yards, more or less, Boylston st., Boyl-<br>ston road to Brookline ave. |                                | CONTRACT.          | Sidewalk and gutter, Lyndhurst st                          | Sidewalk and curb, Faulkner st                          | Harbor View st                                          | Magnolia st                                             | Romsey st                                               | Tremlett st                                             | Greenbeys st                                                                                                                   |

## STREET DEPARTMENT.

| Garbage. | Price.             | \$2,500 per year for 20 tons daily, and \$0.25 per ton for each<br>and every ton in excess of 20 tons. | 58.                            | Price.             | \$7,300 per year for two years. | \$5,955 per year for two years.                                                             | \$4,237.50 per year for two years. | )ffal.                               | Price.             | \$8,000 per year for three years. |                           |
|----------|--------------------|--------------------------------------------------------------------------------------------------------|--------------------------------|--------------------|---------------------------------|---------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------|--------------------|-----------------------------------|---------------------------|
|          | Proposal received. | July 25, 1894                                                                                          | moving Ashe                    | Proposal received. | Jan. 25, 1894                   | Feb. 17, 1894                                                                               | Feb. 26, 1894 .                    | ring House-C                         | Proposal received. | March 17, 1894<br>n. 21, 1895.    | п. 21, 1895.              |
|          | A warded to        | New England Construction Co., July 25, 1894                                                            | Collecting and Removing Ashes. | · Awarded to       | W. F. Hedrington                | Denis O'Sullivan                                                                            | John McShane                       | Collecting and Removing House-Offal. | Awarded to         | John McShane                      | Terminated Jan. 21, 1895. |
|          | Coxtract.          | Treatment and final disposition                                                                        |                                | CONTRACT.          | East Boston                     | South Boston, west of Dorchester st. and Old Colony<br>R.R. to old Dorchester boundary line | Meeting-house Hill district        | õ                                    | CONTRACT.          | Meeting-bouse Hill district       |                           |

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|                               | Price.             | \$2.25 per square yard.  | \$2.25 per square yard.       | \$2.25 per square yard.                                | \$2.25 per square yard.  | \$2.25 per square yard.                                                   | \$2.25 per square yard.    | ut.                                | Price.             | \$2.25 per square yard. | \$2.25 per square yard.       | \$2.25 per square yard. | \$2.25 per square yard.                                             | \$2.25 per square yard.                                                                     |
|-------------------------------|--------------------|--------------------------|-------------------------------|--------------------------------------------------------|--------------------------|---------------------------------------------------------------------------|----------------------------|------------------------------------|--------------------|-------------------------|-------------------------------|-------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| idad Asphalt.                 | Proposal received. | May 16, 1894             | May 16, 1894                  | May 16, 1894                                           | June 14, 1894            | Sept. 8, 1894                                                             | Nov. 1, 1894               | n Rock Asph                        | Proposal received. | May 8, 1894             | May 25, 1894                  | July 26, 1894           | Sept. 17, 1894                                                      | Oct. 3, 1894                                                                                |
| Paving with Trinidad Asphalt. | Awarded to         | Barber Asphalt Paving Co | Barber Asphalt Paving Co      | Barber Asphalt Paving Co                               | Barber Asphalt Paving Co | Barber Asphalt Paving Co                                                  | Barber Asphalt Paving Co   | Paving with Sicilian Rock Asphalt. | Awarded to         | H. Gore & Co.           | H. Gore & Co                  | H. Gore & Co            | H. Gore & Co                                                        | H. Gore & Co                                                                                |
|                               | CONTRACT.          | Barton court             | Chambers st., Green to Poplar | Charter st., Unity to Hauover Barber Asphalt Paving Co | Court sq June 14, 1894   | Dartmouth st., Boylston to Newbury Barber Asphalt Paving Co Sept. 8, 1894 | Oxford st., Beach to Essex |                                    | CONTRACT.          | Pemberton sq            | Mason st., about 180 ft. long | Fay st                  | Massachusetts ave., south side, Washington to Albany, H. Gore & Co. | Charles st., in front of Massachusetts Charles <b>Bye</b><br>and Ear Infirmary Oct. 3, 1894 |

STREET DEPARTMENT.

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\$2.25 per square yard.

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CITY DOCUMENT No. 34.

| Contract.                                          | Awarded to                                       | Proposal received. | Price per enbic yard. |
|----------------------------------------------------|--------------------------------------------------|--------------------|-----------------------|
| Pemberton so.                                      | Metropolitan Construction Company May 1,1894     | May 1, 1894        | \$5.00                |
| Dartmouth st., Boylston st. to Newbury st          |                                                  | Sept. 8, 1894      | 5.00                  |
| Mass, are., south side Washington st. to Albany st | Metropolitan Construction Company Sept. 17, 1894 | Sept. 17, 1894     | 5,00                  |
| Causeway st., in front of Union station            | Metropolitan Construction Company Sept. 20, 1894 | Sept. 20, 1894     | 5.00                  |
| Charles st., Piuckney st. to Cambridge st          | Metropolitan Construction Company Oct. 2, 1894   | Oct. 2, 1894       | 5.00                  |
| Cambridge st., Joy st. to Bowdoin sq               | Metropolitan Construction Company Oct. 4, 1894   | Oet. 4, 1894       | 5.00                  |
| Harrison are., Essex st. towards Beach st          | Metropolitan Construction Company                | Oet. 4, 1894       | 5.00                  |

| Prices.            | Constructing and regulating a Macadam roadway in F. H. Cowin June 6, 1894 (A) \$0.35; (C) \$0.54\;; (D) \$2.00; (F) \$0.92; (G) \$1.07; Newbury st., Charlesgate west to Brookline ave. | onstructing and regulating a Macadam roadway in H. Gore & Co                                | Sept. 5, 1894<br>$(A) \underset{(J)-\underset{(J)-\underset{(M)}{\otimes}1.50}{}{\$}, (C) \underset{(M)}{\$}, (D) \underset{(M)}{\$}, (T) \underset{(M)}{\$}, (G) \underset{(M)}{\$}, (I) $ | Constructing and regulating a Macadam roadway in M. Gore & Co. $\ldots$ Bept. 5, 1894 $\ldots$ (A) |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Proposal received. | June 6, 1894                                                                                                                                                                            | Sept. 5, 1894                                                                               | Sept. 5, 1894 • • •                                                                                                                                                                         | Sept. 5, 1894                                                                                      |
| Awarded to         | F. H. Cowin                                                                                                                                                                             | H. Gore & Co                                                                                | J. Grant & Co                                                                                                                                                                               | H. Gore & Co                                                                                       |
| CONTRACT.          | Constructing and regulating a Macadam roadway in<br>Newbury st., Charlesgate west to Brookline ave.                                                                                     | Constructing and regulating a Macadam roadway in<br>Arundel st., Beacon st. to Mountfort st | Constructing and regulating a Macadam roadway in J. Grant & Co                                                                                                                              | Constructing and regulating a Macadam roadway in<br>Mountfort st., Audubon road to Ivy st          |

# Furnishing and Laying Concrete Base.

| - Concluded .                                  | Price.             | $ \begin{array}{c} (A) \ \$0.37; \ (B) \ \$0.07; \ (C) \ \$0.49; \ (D) \ \$2.06; \ (F) \ \$0.87; \\ (A) \ \$0.05; \ (A) \ \$1.10; \\ (A) \ \$1.00; \ (M) \ \$1.10; \\ (A) \ \$0.10; \ (D) \ \$0.11; \ (O) \ \$0.20; \ (D) \ \$2.00; \ (F) \ \$0.20; \\ (G) \ \$1.00; \ (J) \ \$4.100; \ (M) \ \$1.00; \ (J) \ \$4.100; \ (M) \ \$0.95. \\ \end{array} $ | <ul> <li>A-Prices per cu. yd. for grading and preparing roadways and sidewalks.</li> <li>B-Price per sq. yd. for furnishing and placing Telford base (see footnote).</li> <li>C-Price per sq. yd. for furnishing and laying sidewalks.</li> <li>D-Price per sq. yd. for furnishing and laying sidewalks.</li> <li>D-Price per sq. yd. for furnishing and laying sidewalks.</li> <li>D-Price per sq. yd. for furnishing and laying sidewalks.</li> <li>D-Price per sq. yd. for furnishing and laying sidewalks.</li> <li>D-Price per sq. yd. for furnishing procks and pacing the cushed stone, binder, and edgestones were furnished by the city.</li> <li>Sewer Construction under Chap. 323, Acts of 1891, as amended by Chaps. 418 and 402, Acts of 1892.</li> </ul> | Prices.            | (A) \$2.19 per lin. ft. earth excavation and refill for $30 \times 36$ in brick sever; (D) \$4.05 per lin. ft. 12.1n, pipe sever, sever, 10, 10, \$4.05 per lin. ft. 12.1n, pipe catch-bath, drain excavation and refill included; (E) \$0.45 per lin. ft. 12.1n, pipe and refill included; (M) \$4.05 per lin. ft. 0.1n, pipe and refill included; (M) \$4.65 per lin. ft. 0.1n, pipe and refill included; (M) \$4.65 per en., yd. brick masonry, American coment motar; (M) \$4.65 per en., yd. brick masonry, American computers; (M) \$4.65 per en., yd. brick masonry, American contar; (M) \$4.65 per en., yd. brick masonry, Portland ergent motar; (O) \$5.45 per en. yd. outer with masonry, Portland ergent motar; (O) \$5.65 per en. yd. outer (E) \$4.75 per drop inter, ft. 8.1n, pipe underdrain; (ZZ) \$4.75 per drop inter, excavation and refill included; (AA) \$35.00 per catch-basin, excavation and refill included. |
|------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chap. 323)                                     | Proposal received. | Aug. 7, 1894<br>Aug. 7, 1894<br>Oct. 27, 1894                                                                                                                                                                                                                                                                                                           | LETTERS.<br>F - Price per lin. ft $G - Price per sq. yd J - Price per sq. yd M - Price per sq. yd M - Price per sq. yd e gest hudder, and edgest ter, and edgestones v$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Proposal received. | April 17, 1894                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Telford-Macadam Roadway (Chap. 323) Concluded. | Awarded to         | Doherty & O'Leary                                                                                                                                                                                                                                                                                                                                       | <ul> <li>EXPLANATION OF LETTERS.</li> <li>r grading and preparing roadways and sidewalts. furnishing and placing Tefford base (see footnote). For the persect of the prise persect of the prise and layit distribution and placing the crushed stone and bluder the prise persect of the prise persect of the prise and layit distribution and placing the crushed stone and bluder the prise persect of the prise persect. The prise persect of the prise and layit distribution and proving the crushed stone, bluder, and edgestones were furnished by the city. On St. Germain street the Tefford base, crushed stone, bluder, and edgestones were furnished by the city.</li> <li>n under Chap, 323, Acts of 1891, as amended by Chaps. 418 and 40</li> </ul>      | Awarded to         | Metropolitan Construction Co. April 17, 1394                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Telford-N                                      | Contract.          | Parker st., Huntington ave. to Westland ave                                                                                                                                                                                                                                                                                                             | <ul> <li>ExtrIANTIC</li> <li>A - Prices per cu. yd. for grading and preparing roadways and sidewalks.</li> <li>B - Price per sq. yd. for furnishing and placing Telford base (see footnote).</li> <li>C - Price per sq. yd. for furnishing and placing the cruched stone and binder (see footnote).</li> <li>D - Price per sq. yd. for tunnishing blocks and paving gutters (see footnote).</li> <li>D - Price per sq. yd. for tunnishing blocks and paving gutters (see footnote).</li> <li>Sewer Construction under Chap. 323, Acts of 1891</li> </ul>                                                                                                                                                                                                                | CONTRACT.          | Sewer and connections, Newbury st., Charlesgate<br>west to Brookline ave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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# CITY DOCUMENT NO. 34.

| (A) \$1.80 per lin. ft. earth excavation and refill for<br>30 × 36 in. brick sever; (A) \$1.30 per lin. ft. earth ex-<br>cavation and refill for overflow manhole; (C) \$1.00 per<br>lin. ft. 18-in. pipe sever; excavation and refill included;<br>(C) \$1.00 per lin. ft. 201a. Iron pipe connection with<br>\$500 per lin. ft. 10, \$1.00 per lin.<br>ft. 12-in. pipe sever; excavation and refill included; (F)<br>\$0.37 per lin. ft. 12-in. pipe sever; excavation and refill included; (F)<br>\$0.37 per lin. ft. 12-in. pipe sever; excavation and refill included; (F)<br>\$0.37 per lin. ft. 12-in. pipe sever; excavation and refill included; (F)<br>\$0.47 per lin. ft. 12-in. pipe sever; excavation and refill included; (F)<br>\$0.40 per lin. ft. 12-in. blouse driati, excavation and refill included; (F)<br>\$0.40 per lin. ft. 6-in. blouse driati, excavation and refill<br>included; (F) \$2000 per enabled; (M) \$500 per eu. vid.<br>brick masoury, American connecte nortar; (Y) \$500 per eu. vid.<br>brick masoury. American connecte nortar; (Y) \$500 per eu. vid.<br>brick masoury. American connecte nortar; (Y) \$500 per eu. vid.<br>brick masoury. American connecte nortar; (N) \$530 per eu. vid. | <ul> <li>spruce lamber; (V) \$0.20 ber lin, ft, 8-fn, underfanit, (W) \$4.00 per spruce pile; (AA) \$20.00 per drop in. (W) \$4.00 per spruce pile; (AA) \$20.00 per drop in. let, excavation and refill included.</li> <li>(D) \$0.73 per lin, ft, 15-in, pipe sever, excavation and refill included.</li> <li>(D) \$0.73 per lin, ft, 15-in, pipe sever, excavation and refill included.</li> <li>(D) \$0.73 per lin, ft, 15-in, pipe sever, excavation and refill included.</li> <li>(D) \$0.73 per lin, ft, 15-in, pipe sever, excavation and refill included.</li> <li>(D) \$0.73 per lin, ft, 15-in, pipe sever, excavation and refill included.</li> <li>(D) \$0.73 per lin, ft, 2-in, pipe sever, presever, excavation and refill included.</li> <li>(F) \$0.47 per lin, ft, 10-in, pipe sever) and refill included.</li> <li>(K) \$5.00 per manhole; (K) \$4.00 per catch-basin, excavation and refill included.</li> </ul> | (E) \$0.45 per lin. ft. ; (AA) \$40.00 each.               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| May 9, 1804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | July 26, 1894                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | July 26, 1894                                              |
| National Construction Co May 9, 1894                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Quimby & Ferguson                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | National Construction Co.                                  |
| Sewer and connections, Parker st., Huntington ave.<br>to Westland ave                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sewer and connections, Ivy si., Si. Mary's to Mount-<br>fort July 26, 1894                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sever and connectious, Arundel st., Beacon to<br>Mountfort |

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| - Concluded.                                  | Price.             | <ul> <li>(D) \$0.70 lin. ft.; (E) \$0.45 lin. ft.; (K) \$32.00 each;</li> <li>(AA) \$45.00 each.</li> <li>(D) \$0.69 lin. ft.; (E) \$0.45 lin. ft.; (K) \$30.00 each;</li> <li>(D) \$3550 cu. yd.; (R) \$30.00 per M ft. B.M.; (AA)</li> </ul> | <ul> <li>(0) Concrete.</li> <li>(R) Sprace humber.</li> <li>(AA) Catch-basins, excavation and refill included.</li> </ul>                                                                                                         | al Law.                                   | Price.             | (C) \$1.20 per lin. ft.; (D) \$1.20 per lin. ft.; (K) \$40.00 each;<br>(L) \$5.00 per cubic yard. | (C) \$1.20 per lin. ft.; (K) \$35.00 each.                   | (B) \$1.10 per lin. ft.; (D) \$1.10 per lin. ft.; (K) \$35.00 each. | (D) \$1.00 per lin. ft.; (K) \$40.00 each. | (D) \$1.00 per lin. ft.; (K) \$40.00 each.                                                                                                                |
|-----------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chap. 323                                     | Proposal received. | July 26, 1894<br>Oct. 15, 1894                                                                                                                                                                                                                 |                                                                                                                                                                                                                                   | er the Gener                              | Proposal received. | Jan. 5,1894                                                                                       | Jan. 5,1894                                                  | Jan. 5, 1894                                                        | Jan. 5, 1894                               | Jan. 23, 1894                                                                                                                                             |
| Sewer Construction under Chap. 323 Concluded. | A warded to        | Denuis O'Connell         July 26, 1894           A. A. Libby         Oct. 15, 1894                                                                                                                                                             | Explanation of Letters.<br>included, eccavation and refil included.                                                                                                                                                               | Sewer Construction under the General Law. | Awarded to         | James Dolan                                                                                       | Dennis O'Connell                                             | D. F. O'Connell & Co.                                               | John W. Bowers Jan. 5, 1894                | Metropolitan Construction Co.                                                                                                                             |
| Sewer                                         | CONTRACT.          | Sewer and connections, Mountfort st., Ivy to Au-<br>dubon road Denuis O'Connell                                                                                                                                                                | <ul> <li>EXPLANATION OF LETTER:</li> <li>(D) 12.in. pipe sever, excavation and refill included.</li> <li>(E) 6.in. pipe house and 10.in. pipe catch-bash drain, excavation and refill included.</li> <li>(K) Manholes.</li> </ul> | Sewe                                      | CONTRACT.          | Sewer and connections, Mt. Vernon st., Ward 23 James Dolan                                        | Sewer and connections, Sturbridge st., River to San-<br>ford | Sewer and connections, Sanford st., Ward 24                         | Sewer and connections, Story st., G to H   | Sever and connections, Commonwealth ave., south side, Pleasant st. to a point 210 feet east of St. Paul st. , Metropolitan Construction Co. Jan. 23, 1894 |

# CITY DOCUMENT No. 34.

|                                                                                                                        |                                                                         |                                                                  |                                                                   |                                                                   |                                                                             | L                                                                                                                          |                                                                   |                                                                   |                                                     |                                                                                               |                                                                            | _                                                                                                                  |                                                                         |                                                                   |                                                                   |                                                                  |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------|
| (D) \$1.10 per lin. ft.; (F) \$0.12 per lin. ft.; (K) \$40.00 each.                                                    | (C) \$1.25 per lin. ft.; (K) \$40.00 each.                              | (D) \$1.35 per lin.ft.; (K) \$39.00 each; (L) \$4.50 per cu. yd. | (D) \$1.35 per lin. ft.; (K) \$39.00 each; (L) \$4.40 per cu. yd. | (C) \$1.25 per lin. ft.; (K) \$40.00 each; (L) \$4.00 per cu. yd. | (D) \$1.10 per lin. ft.; (K) \$45.00 each; (L) \$5.00 per cu. yd.           | (A) \$1.60 per llu. ft.; (C) \$1.40 per llu. ft.; (D) \$1.20 per<br>lln. ft.; (K) \$55.00 each; (L) \$5.00 per cuble yard. | (D) \$1.15 per lin. ft.; (K) \$40.00 each; (L) \$4.50 per cn. yd. | (D) \$1.10 per lin. ft.; (K) \$38.50 each; (L) \$5.00 per cu. yd. | (C) \$0.75 per lin. ft.; (L) \$3.75 per cubic yard. | (D) \$1.10 per lin. ft.; (K) \$38.50 each; (L) \$5.00 per eu. yd.                             | (C) \$1.30 per lin. ft.; (K) \$67.50 each; (L) \$5.00 per cu. yd.          | <ul> <li>(C) \$1.25 per lin. ft.; (D) \$1.10 per lin. ft.; (K) \$40.00 each; (L) \$5.00 per cubic yard.</li> </ul> | (C) \$1.15 per lin. ft.; (K) \$38.00 each; (L) \$5.00 per cu. yd.       | (D) \$1.15 per lin. ft.; (K) \$40.00 each; (L) \$5.00 per cu. yd. | (D) \$1.65 per lin. ft.; (K) \$50.00 each; (L) \$5.00 per cu. yd. | (E) \$1.10 perlin. ft.; (K) \$40.00 each; (L) \$5.00 per cu. yd. |
| •                                                                                                                      |                                                                         | 4                                                                | t                                                                 |                                                                   | •••                                                                         | •                                                                                                                          | ±                                                                 | ±                                                                 | 4                                                   | ÷                                                                                             | ÷                                                                          | ••••                                                                                                               |                                                                         | •                                                                 | <del>1</del>                                                      |                                                                  |
| 3, 189                                                                                                                 | Feb. 9, 1894                                                            | April 30, 1894                                                   | May 15, 1894                                                      | June 30, 1894 .                                                   | July 2, 1894.                                                               | July 6, 1894 .                                                                                                             | Sept. 8, 1894.                                                    | Sept. 18, 1894                                                    | Sept. 24, 1894.                                     | 5,1894.                                                                                       | Oct. 24, 1894.                                                             | Oct. 24, 1894.                                                                                                     | Nov. 12, 1894 .                                                         | Dec. 3, 1894.                                                     | Dec. 3, 1894                                                      | 21, 189                                                          |
| Feb.                                                                                                                   | Feb.                                                                    | April                                                            | May                                                               | June                                                              | July                                                                        | July                                                                                                                       | Sept.                                                             | Sept.                                                             | Sept.                                               | Oet.                                                                                          | Oet.                                                                       | Oet.                                                                                                               | Νον.                                                                    | Dec.                                                              | Dec.                                                              | . Dec. 21, 1894.                                                 |
| Metropolitan Construction Co. Feb. 3, 1894                                                                             | John W. Bowers                                                          | John W. Bowers                                                   | John W. Bowers                                                    | James Dolan                                                       | John W. Bowers                                                              | W. T. Davis                                                                                                                | James Dolan                                                       | Thos. J. Young & Co.                                              | Andrew Carberry                                     | Thos. J. Young & Co.                                                                          | James Dolan                                                                | Thos. J. Young & Co.                                                                                               | Dennis O'Connell                                                        | James Dolan                                                       | Thos. J. Young & Co.                                              | Thos. J. Young & Co.                                             |
| Sewer and connections, Commonwealth ave., 450 ft.<br>cast of Reedsdale st. to a point 500 ft. east of Mal-<br>vern st. | Sewer and connections, Hunneman st., Washington<br>st. to Harrison ave. | Sewer and connections, Purk st., W. Roxbury                      | Sewer and connections, Anawan ave., W. Roxbury .                  | Sewer and connections, Centre st., Corey to Maple,<br>W. Roxbury  | Sewer and connections, Bellevue st., March ave. to<br>end of existing sewer | Sewer and connections, Pond st., May to Avon, W.<br>Roxbury                                                                | Sewer and connections, Maple st., W. Roxbury                      | Sewer and connections, May st                                     | Sewer and connections, Stockton st., Ward 24        | Sever and connections, Centre st., 700 ft. south from<br>May st. to Lowder's laue, W. Roxbury | Sewer and connections, Maple st., Weld st., to Sta-<br>tion 11, W. Roxbury | Sewer and connections, Tremout st., Brighton                                                                       | Sewer and connections, Washington st., Ashmont to<br>Dunbar, Dorchester | Sewer and connections, Pond st., Avon to Brookline                | Sewer and connections, Bigelow st., Ward 25                       | Sewer and connections, Bigelow st., Ward 25                      |

## STREET DEPARTMENT.

| w. — Concluded.                                     | Price.             | James Dolan $Dec. 29, 1894 \dots$ (C) \$1.50 per lin. ft.; (K) \$50.00 each; (L) \$5.00 per cu. yd. | or LETTERS.<br>(E) — 10-in. pipe sever, excavation and refill included.<br>(F) — 6-in. pipe underdrain.<br>(K) — Manholes.<br>(L) — Rock excavation.                                                                                                 |                 | Price.             | \$14.25 per M ft. B.M.<br>\$597.00. |
|-----------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-------------------------------------|
| General Lav                                         | Proposal received. | Dec. 29, 1894                                                                                       | EXPLANATION OF LETTERS.<br>(E) - 10.in. pipe se<br>(F) - 6.in. pipe un<br>(K) - Manholes.<br>(L) - Rock exerve                                                                                                                                       | tridge.         | Proposal received. | Apr. 18, 1894<br>May 14, 1894       |
| Sewer Construction under the General Law Concluded. | Awarded to         | James Dolan                                                                                         |                                                                                                                                                                                                                                                      | Harvard Bridge. | Awarded to         | G. W. Gale Lumber Co Josiah Shaw    |
| Sewer Col                                           | CONTRACT.          | Sewer and connections, Weld st., Maple to Willow,<br>W. Roxbury                                     | (A) $-$ 24-in. pipe sewer, excavation and refill included.<br>(B) $-$ 18.in. pipe sewer, excavation and refill included.<br>(C) $-$ 15.in. pipe sewer, excavation and refill included.<br>(D) $-$ 12.in. pipe sewer, excavation and refill included. |                 | CONTRACT.          | Spruce lumber                       |

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| ed.                | \$2.50 each, driven outside of cap; \$2.75 each, driven inside of cap. | \$6.00 per lin. ft.               | \$1.50 per lin. ft.                   | \$950 each and \$3 per day royalty.     | \$700.                           | \$1,700.                                                                                                                                              | <ul> <li>\$1.40 per sq. yd., laying asphalt blocks; \$0.25 per lin. ft.<br/>resetting edgestone; \$0.45 per sq. yd. relaying brick<br/>sidewalk.</li> </ul> | \$100'per yr. paid to eity.        | \$1.80 per ton.                             | The Brookline Gas Light Co. agrees to pay to the city of Boston the sum of \$1,600 towards repaying this street.                            | \$400.                                                  | \$3.63 per lin. ft.                                            | · · \$0.65 lin. ft. on wharf.   | * \$500 paid to city of Boston by Norfolk Suburban Street                                   | •                                                                                                |
|--------------------|------------------------------------------------------------------------|-----------------------------------|---------------------------------------|-----------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Proposal received. | Mar. 17, 1894                                                          | Mar. 26, 1894                     | June 9, 1894                          | July 20, 1894                           | Aug. 30, 1894                    | July 30, 1894                                                                                                                                         | Sept. 29, 1894 .                                                                                                                                            | Dec. 7, 1894                       | July 11, 1894                               | Aug. 29, 1894 .                                                                                                                             | Apr. 17, 1894                                           | Nov. 8, 1894                                                   | Mar. 31, 1894                   | Nov. 15, 1894                                                                               | Dec. 13, 1894                                                                                    |
| A warded to        | Nay & Ellis                                                            | Thos. A. Rowe                     | G. T. McLauthlin & Co.                | Universal Street Sweeping<br>Machine Co | Patrick J. Lyons                 | Boston Bridge Works                                                                                                                                   | John Turner & Co                                                                                                                                            | Postal Telegraph Cable Co          | Street Department                           |                                                                                                                                             | Blodgett Bros. & Co                                     | Horace Sias                                                    | Commr's of Public Institutions, | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•      |
| CONTRACT.          | Pile driving, Morrison's Wharf, East Boston                            | Deerfield st., sea-wall capstones | Deerfield st., sea-wall, iron railing | Three (3) street-sweeping machines      | Culvert, Preston st., Dorchester | Berwick Park footbridge. Removing footbridge over<br>B. & A. R.R. at Allston Station, and erecting same<br>over N.Y., N.H., & H. R.R. at Berwick Park | Paring with asphalt blocks, and regulating Derne st                                                                                                         | Cable house on Congress-st. bridge | Furnishing crushed stone to Park Department | Reparing Tremont st. bet. Cabot and Prentiss, bet.<br>W. E. St. Ry. Co.'s trucks and westerly curb over<br>trench of Brookline Gas Light Co | Electric signals, '' Draw open," City sq., Charlestown, | Building culvert in City Yard, off Gibson st., Dor-<br>chester | Furnishing edgestone            | Surface drainage on account of tracks of Norfolk<br>Suburban Street Railway Company         | Macadamizing, catch-basins, and sewer work on Cod-<br>man st., for the N.Y., N.H., & H. R.R. Co. |

Miscellaneous Agreements.

# STREET DEPARTMENT.

 $\hat{2}\hat{9}$ 

| STREET.                                                                                                     | Proposal received.                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Prices.                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paving with granite blocks (pitch joints) on a concrete base, Wash-<br>higton st., Boylston st. to Eliot st | July 5, 1894<br>Ang. 15, 1894<br>Sept. 20, 1894<br>Sept. 29, 1894 | Large blocks, \$74.50 per M; concrete base, \$5.00 per cu. yd.; laying paving<br>and pitching joints, \$60.00 per sq. yd.; furnishing and preparing gravel bed,<br>\$0.15 per sq. yd.<br>Large blocks, \$74.50 per M; concrete base, \$5.00 per cu. yd.; laying paving<br>and pitching joints, \$6.00 per sq. yd.; furnishing and preparing gravel bed,<br>\$0.15 per sq. yd.<br>Small blocks, \$40.00 per M; concrete base, \$5.00 per cu. yd.; laying paving<br>and pitching joints, \$6.90 per sq. yd.; furnishing and preparing gravel bed,<br>\$0.15 per sq. yd.<br>Small blocks, \$40,00 per M; concrete base, \$5.00 per cu. yd.; laying paving<br>and pitching joints, \$0.90 per sq. yd.; furnishing and preparing gravel bed,<br>\$0.15 per sq. yd.<br>Small blocks, \$40,00 per M; concrete base, \$5.00 per cu. yd.; laying paving<br>and pitching joints, \$0.90 per sq. yd.; furnishing and preparing gravel bed,<br>\$0.15 per sq. yd. | ; concrete base, \$5.00 p<br>per sq. yd.; furnishing a<br>concrete base, \$5.00 p<br>per sq. yd.; furnishing a<br>per sq. yd.; furnishing a<br>per sq. yd.; furnishing a<br>per sq. yd.; furnishing a | arge blocks, \$74.50 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching younts, \$0.90 per sq. yd.; furnishing and preparing gravel bed, \$0.15 per sq. yd.; furnishing and preparing gravel bed, and pitching joints, \$0.00 per sq. yd.; furnishing and preparing gravel bed, and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per sq. yd.; furnishing and preparing gravel bed, \$0.15 per sq. yd.; furnishing and preparing gravel bed, and biolesis, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving and pitching joints, \$0.00 per N; concrete base, \$5.00 per cu. yd.; laying paving paving paving paving paving joints, \$0.00 per M; concrete base, \$5.00 per cu. yd.; laying paving pavin |
| Furnishing                                                                                                  | Telford                                                           | Base (as ordered).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CONTRACT.                                                                                                   |                                                                   | Awarded to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Proposal received.                                                                                                                                                                                    | Price per ton.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | . Alexander McMurtry                                              | urtry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sept., 1894                                                                                                                                                                                           | \$1.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | . H. P. Nawn .                                                    | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sept., 1894                                                                                                                                                                                           | 1.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | . Michael Kiernan .                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sept., 1894;                                                                                                                                                                                          | 1.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | . Frank J. Hughes .                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sept., 1894                                                                                                                                                                                           | 1.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | . Cornelius McCool                                                | ol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sept., 1894                                                                                                                                                                                           | 1.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | . William Finneran                                                | an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sept., 1894                                                                                                                                                                                           | 1.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Common wealth ave., Arlington st. to Massachusetts ave.                                                     | . William Gilligan .                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sept., 1894                                                                                                                                                                                           | 1.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., Arlington st. to Massachusetts ave.                                                      | James Killian                                                     | •••••••••••••••••••••••••••••••••••••••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Sept., 1894                                                                                                                                                                                           | 0.81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., from Cross Roads to Cottage Farm bridge                                                  | . William Finneran                                                | an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mar. 22, 1894                                                                                                                                                                                         | ,1.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Commonwealth ave., from Cross Roads to Cottage Farm bridge                                                  | . H. P. Nawn .                                                    | • • • • • • • • • • • • • • • • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Aug. 21, 1894                                                                                                                                                                                         | 1.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., from Cross Roads to Cottage Farm bridge                                                  | . James Killian                                                   | ·<br>·<br>·<br>·<br>·<br>·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Aug. 25, 1894                                                                                                                                                                                         | 0.81                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Commonwealth ave., from Cross Roads to Cottage Farm bridge                                                  | . A. McMurtry .                                                   | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Nov. 21, 1894                                                                                                                                                                                         | 0.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                             |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

# CITY DOCUMENT No. 34.

<u></u> 30

Work done by the Street Department and paid for by the West End Street Railway Company.

#### EMPLOYMENT OF LABOR.

During the year ending February 1, 1895, 24 applications were made upon the Civil Service Commission for 28 employees of various grades, and 45 names were submitted by them, of which number 27 were given employment in the several divisions.

Of the 24 applications 3 were for promotions, two being allowed by the Civil Service Commission.

The rule of the Civil Service classifying bridge engineers and assistants went into effect October 1, 1894, and upon October 29, 1894, the names, rates of wages, etc., of the 17 persons so employed in the Bridge Division were forwarded to the Civil Service Commissioners. During the year 21 persons were transferred to this department from other city departments, and notices of 94 discharges from the department rolls were sent to the Commission.

The department records show that there are 2,434 persons eligible for employment in the various divisions, and of that number 2,100 were upon the pay-rolls ending January 24, 1895.

The following table shows the classification of all employees of the Street Department as at present organized :

| ·                                |                    |         | Dry     | ISIONS.        |                           |         |        |
|----------------------------------|--------------------|---------|---------|----------------|---------------------------|---------|--------|
| TITLE.                           | Central<br>Office. | Paving. | Sewer.  | Sani-<br>tary. | Street-<br>Clean-<br>ing. | Bridge. | Total. |
| Superintendent                   | 1                  |         |         |                | • • • •                   |         | 1      |
| Deputy superintendents           |                    | 1       | 1       | 1              | 1                         | 1       | 5      |
| Executive engineer               | 1                  |         | • • • • |                | • • • •                   |         | 1      |
| Purchasing agent and assistant . | 2                  |         |         |                |                           | • • • • | $^{2}$ |
| Clerks                           | 1                  | 8       | 5       | 4              | 1                         | 1       | 20     |
| Foremen                          |                    | 12      | 11      | 4              | 11                        | 3       | 41     |
| Sub-foremen                      |                    | 26      | 9       | 6              | 12                        | 3       | 56     |
| Inspectors                       |                    | 6       | 19      |                | • • • •                   | • • • • | 25     |
| Civil engineers                  |                    | 2       | 3       |                |                           | • • • • | 5      |
| Draughtsmen                      |                    |         | 10      |                |                           |         | 10     |
| Transitmen                       |                    |         | 2       |                |                           |         | $^{2}$ |
| Levelmen                         |                    |         | 5       |                |                           |         | 5      |
| Rodmen                           |                    |         | 13      |                |                           |         | 13     |
| Aids and tallymen                |                    | 2       |         | 8              |                           |         | 10     |
| Blacksmiths and assistants       |                    | 17      | 1       | 1              | 2                         |         | 21     |
| Bracers                          |                    |         | 13      |                |                           |         | 13     |
| Bridge cleaners                  |                    |         | • • • • |                | • • • •                   | 4       | 4      |
| Boys                             |                    |         | 24      |                |                           | 2       | 26     |
| Calker                           |                    |         |         | • • • •        |                           | 1       | 1      |
| Captain                          |                    |         |         | 1              |                           |         | 1      |
| Carpenters and assistants        |                    | 17      | 7       |                | $^{2}$                    | 20      | 46     |
| Coal-passers                     |                    |         | 6       |                |                           |         | 6      |
| Draw-tenders                     |                    |         |         |                |                           | 21      | 21     |
| Assistant draw-tenders           |                    |         |         |                |                           | 33      | 33     |
| Deck-hand                        |                    |         | 1       |                |                           |         | 1      |
| Dumpers                          |                    |         |         | 16             | 7                         |         | 23     |
| Engineers and assistants         |                    | 13      | 16      |                |                           | 17      | 46     |
| Feeders                          |                    |         |         | 3              |                           |         | 3      |
| Firemen                          |                    |         | 6       |                |                           |         | 6      |
| Gatemen                          |                    |         | 4       |                |                           |         | 4      |
|                                  |                    |         |         |                |                           |         |        |
| Carried forward                  | _ 5                | 104     | 156     | 44             | 36                        | 106     | 451    |

# Grade and Number of Employees in the Street Department.

## STREET DEPARTMENT.

# Grade and Number of Employees, etc. - Concluded.

|                             |                    |         | Divi   | SIONS.         |                           |         |        |
|-----------------------------|--------------------|---------|--------|----------------|---------------------------|---------|--------|
| TITLE.                      | Central<br>Office. | Paving. | Sewer. | Sani-<br>tary. | Street-<br>Clean-<br>ing. | Bridge. | Total. |
| Brought forward             | 5                  | 104     | 156    | 44             | 36                        | 106     | 451    |
| Harness-makers              |                    | 2       |        | 3              |                           |         | 5      |
| Helpers                     |                    |         |        | 171            | 61                        |         | 232    |
| Horse-shoers                |                    |         |        | 3              |                           |         | 3      |
| Hostlers                    | • • • •            |         | $^{2}$ |                |                           | 1       | 3      |
| Janitors                    |                    |         | 2      |                |                           |         | 2      |
| Laborers                    |                    | 389     | 329    |                | 149                       | 1       | 868    |
| Ledgemen                    |                    |         | 3      |                |                           |         | 3      |
| Machinists                  |                    |         | 2      |                |                           | • • • • | 2      |
| Masons (stone and brick)    |                    |         | 31     |                |                           |         | 31     |
| Mason's tender              |                    |         | 1      |                |                           |         | 1      |
| Mate                        |                    |         | 1      |                |                           |         | 1      |
| Measurers                   |                    | 3       |        |                |                           |         | 3      |
| Messengers                  | 2                  | 5       | 5      | 6              | 3                         | 4       | 25     |
| Oilers                      |                    |         | 5      |                |                           |         | 5      |
| Patch pavers and assistants |                    | 34      |        |                |                           |         | 34     |
| Painters                    |                    |         | 1      | 2              |                           | 6       | 9      |
| Pilot                       |                    |         | 1      |                |                           |         | 1      |
| Pipe layers                 |                    |         | 3      | • • • •        |                           |         | 3      |
| Plank-drivers               |                    |         | 2      |                |                           |         | 2      |
| Powdermen                   |                    | 3       |        |                |                           |         | 3      |
| Riggers                     |                    |         | 2      |                |                           |         | 2      |
| Stablemen                   |                    | 11      | 4      | 7              | 6                         |         | 28     |
| Steam-drillers              |                    | 6       |        |                |                           |         | 6      |
| Steward                     |                    |         | 1      |                |                           |         | 1      |
| Stone-cutters               |                    | 13      | 4      |                |                           |         | 17     |
| Store-keeper                |                    |         | 1      |                |                           |         | 1      |
| Teamsters                   |                    | 67      | 11     | 153            | 62                        | 2       | 295    |
| Watchmen                    |                    | 11      | 12     | 4              | 2                         | 4       | 33     |
| Weighers                    |                    | 3       |        |                |                           |         | 3      |
| Wharfingers                 |                    | 4       | 1      |                |                           |         | 5      |
| Yardmen                     |                    | 5       | 2      | 12             | 3                         |         | 22     |
| Totals                      | 7                  | 660     | 582    | 405            | 322                       | 124     | 2,100  |

#### COMPLAINTS.

The following is a complete list of all the complaints entered on the complaint book at this office since February 1, 1894:

| Whole number of comp | plair | nts. | • | • | • | •   | 131 |
|----------------------|-------|------|---|---|---|-----|-----|
| Divided as follows : |       |      |   |   |   |     |     |
| Paving Division      |       |      |   | • |   | 5   |     |
| Sewer Division       |       |      |   |   |   | 4   |     |
| Sanitary Division    |       |      |   | • |   | 97  |     |
| Bridge Division      |       | •    |   | • |   | 0   |     |
| Street-Cleaning D    | ivisi | on.  | • | • |   | 8   |     |
| Street-Watering I    | Divis | sion | • | • | • | 17  |     |
|                      |       |      |   |   |   |     |     |
| Total .              |       | •    | • | • | • | 131 |     |

#### BRIDGE DIVISION.

The Northern District headquarters are located on Warren bridge, and there is ample room in the building and pier which is occupied by them for such horses and teams as are necessary for the work, and storage capacity enough for such tools, blocking, gearing, etc., as are demanded in carrying on the repairs.

The territory covered by this district on general work embraces all the bridges under the charge of the Bridge Division from Winthrop to Watertown.

The headquarters of the Southern District are located on Foundry street, and comprise an office of limited size, which is also used as a storehouse in lieu of something better, and yard room under the bridge. During the process of strengthening Broadway bridge, for its use by the electric cars, the stable and storehouse belonging to this district were entirely demolished.

A part of a stable on Dorchester avenue was rented to tide over the intervening time during rebuilding, but action on permanent location was postponed from time to time because of certain propositions of land exchanges between the Board of Street Commissioners and the Old Colony Railroad officials.

These are still in abeyance, and it is to be hoped that in the near future a definite understanding will be arrived at, as the Southern District badly needs a building and land where they can have proper accommodations for an office, stable, and storehouse. As they are situated at the present time, they have no facilities.

The territory of this district reaches from the city proper to Milton, and covers all bridges south and east of the Charles river.

Both districts have telephone connections, and both forces can be concentrated quickly whenever it is necessary.

The most important of the tide-water bridges under the carc of the Bridge Division are twelve (12) in number. Of these, Chelsea North, Chelsea South, Charles river, Warren, L street, Congress street, and Broadway are operated by steam-power. Two are equipped with electricity — Dover street, which has a General Electric motor, and Federal street, which has a Thompson-Houston motor.

Malden and Mt. Washington avenue are worked by handpower, and Meridian street by horse-power. During the rebuilding of Dover-street bridge, Broadway and Federal street were taxed to their uttermost, and required constant attention. Warren-street bridge, in point of travel of all kinds, is the most important of all the tidewater bridges in Boston.

The establishment of the Boston & Maine R.R. freight yards on the Charlestown side of the channel has augmented the traffic on this bridge greatly, and many times it has been called upon to do the work of both Charlestown bridges. Some idea can be gained when it is considered that during the closing of Charles-river bridge not less than ten thousand vehicles, not including car service, daily used that thoroughfare. All work done on this bridge, where travel is liable to be impeded, is performed on Sundays.

Charles-river bridge has been overhauled and repaired during the year, and will relieve somewhat the immense strain on Warren bridge. A new bridge cannot be too quickly decided upon. Work is progressing rapidly on the new bridge from Chelsea to Charlestown. Chelsea-street bridge from East Boston to Chelsea is nearing completion, and will be opened for travel in a few weeks.

Malden bridge is in poor condition. Travel is increasing in that direction, and the draw is very narrow, and the drawpiers are old and entirely too short. New electric signals for Warren bridge have been erected at City square, Charlestown, to show when the draw is open.

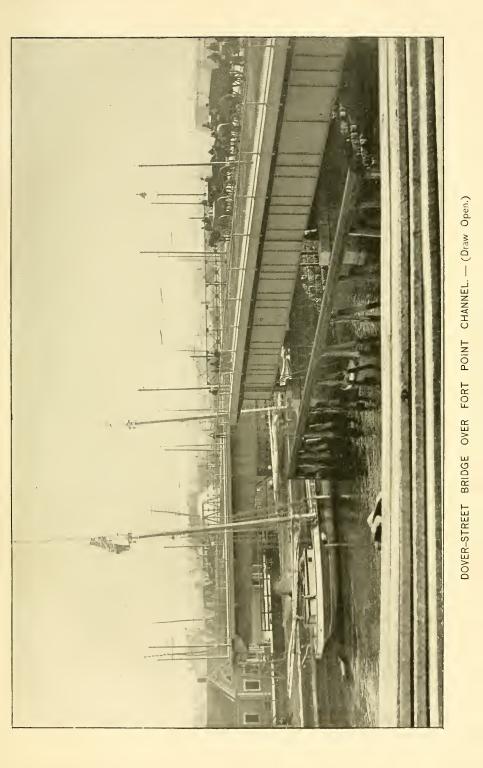
#### L-STREET BRIDGE.

During the year the L-street bridge has been opened for travel at the urgent request of many people whose interests are in that direction. On account of the roadway on the Boston end of the bridge not being paved or graded, and being very uneven, and altogether in poor condition, and from the fact that the street was not lighted, it was deemed judicious to restrict the hours of accommodation for travel from sunrise to sunset. Under even these restrictions quite a traffic has developed because of the great saving of distance to those who desire to reach the vicinity of the terminus of the bridge. Steps should be taken to put the street in proper condition for travel.

A plank sidewalk has been constructed on the Boston side for the accommodation of foot-passengers.

#### CONGRESS-STREET BRIDGE.

This is a wooden pile bridge, built in 1874-5, with an iron turn-table draw on a masonry foundation. The underflooring of the roadbed and sidewalks is in a very bad condition, decaying fast, and steps should be taken in the near



future for a removal of such parts of the structure. The importance of this bridge to the public can best be realized, and the demands that are required for its safety and accessibility can best be estimated, from the fact that over one and a half million vehicles of every description and weight traverse it yearly. To inconvenience the public as little as possible, all work required on this bridge that might interfere with travel is performed on Sunday. During the present year new steel boilers have been constructed and set in place of the original ones, which were badly used up from a twenty years' service.

#### DOVER-STREET BRIDGE.

The new structure here has been completed, and is open for travel. The draw is equipped with electricity, furnished by a General Electric motor of twenty-five horsepower. This is the second of Boston's bridges to be thus operated, and from a three years' observation of its use on Federal-street bridge, under all conditions, we can confidently expect the same highly satisfactory results.

The draw-tenders' house has been repaired and painted, and has been moved to a proper location. The draw piers of this bridge are inadequate and not properly located. Steps should be taken to build and extend a pier on the south-easterly side of the draw sufficient to aid navigation in safely passing through.

#### MT. WASHINGTON-AVENUE BRIDGE.

The draw piers of this bridge are in bad condition, and should be rebuilt. They are so low that at times they are totally submerged at high water, and consequently then are useless, and do not fulfil their mission. They should be raised as high as practicable. The rest of the bridge is in fair condition. The draw is of iron, and is the only one of importance in the city of Boston that still continues to be operated by hand-power.

#### BROADWAY BRIDGE.

The draw pier of this bridge is badly decayed, and should be rebuilt without delay. Constant care is required to keep it from collapsing, and a decided improvement would be a continuation of the new pier on the south side to meet the northerly pier of Dover street.

The bridge is in poor condition, and requires frequent inspection and attention. The report of the Deputy Superintendent (Appendix A) gives a detailed statement of expenditures, and amount of work done on each bridge, together with much other information of a useful nature.

#### CAMBRIDGE BRIDGE DIVISION.

#### CRAIGIE'S BRIDGE.

The sides of the waterway for the passage of vessels through the bridge have been planked with 3-inch spruce; a bulkhead near the draw has been rebuilt. A weak point near the Cambridge end of the bridge has been strengthened, fences have been repaired, the draw sheathed, sidewalks repaired, and other ordinary repairs made by the aid of the men employed on the bridge. The flooring of the sidewalks near the Cambridge end, and the bulkhead, are in bad condition, and will be rebuilt next season.

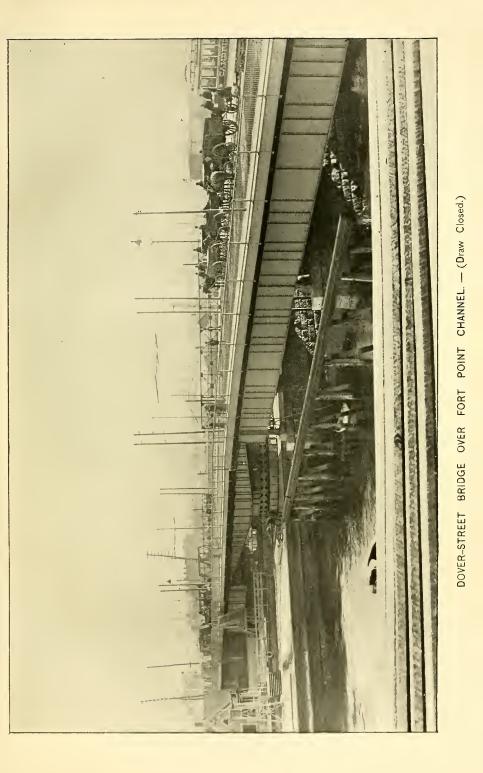
#### HARVARD BRIDGE.

The entire surface plank of the bridge has been renewed without interruption to travel. The West End Street Railway Company replanked between the rails on both tracks for the entire length of the bridge. The draw-tender and his assistants keep the sidewalks free from snow, clean the globes on the electric lights, make all ordinary small repairs on the bridge, and assist in cleaning the roadway. Experience has shown that the roadway planking will have to be renewed as often as once a year. The asphalt sidewalks on the bridge have not given satisfaction, and will be renewed for the entire length of the bridge next year by the contractors. They were laid under a guarantee of maintenance for five years, and are to be left in good condition at the end of that time.

#### PRISON-POINT BRIDGE.

The house occupied by the draw-tender has been painted inside and newly papered by the draw-tender. Only ordinary repairs, such as planking and sheathing, have been made on the bridge. The draw is in bad condition and needs a thorough repairing.

The question of abolishing the grade crossing on the Boston & Maine Railroad, which adjoins this bridge, is under discussion. If this should be accomplished by carrying the highway over the railroad, it would involve the rebuilding of the bridge. For this reason, only such repairs have been made as were absolutely necessary for safety.



#### WEST BOSTON BRIDGE.

The underplank of the draw has been partly renewed, part of the waterway on side of the pier has been replanked, spurshores and braces have been bolted and spiked to the piles to keep the bridge in line. The whole length of the bridge under the planking of the roadway has been examined, and strengthened where necessary. The bulkhead at the Boston end of the draw, which has been a source of trouble for some years, has been rebuilt. The work was done between 1 A.M. and 3 P.M., on Sunday, without interruption to travel.

The ordinary repairs, such as sheathing the draw, repairing fences, renewing plank on piers, paving, etc., have been attended to. Much of this work has been done by the draw-tender and his assistants.

#### IN GENERAL.

The usual statement is appended of the number of draw openings and the number of vessels which passed through; also table showing the traffic over bridges on August 15.

The amount of revenue received for dockage, rents, repairs to West End Street Railway tracks, etc., during the year, has been \$1,195.62; one-half, \$597.81, has been paid to the city of Cambridge.

#### Number of Times the Draws in Canal, Harvard, Prison Point, and West Boston Bridges have been opened, and the number of Vessels which have passed through, for the year ending Jan. 31, 1895.

| Date.                                        | Ca                          | nal.                                 | Har                         | vard.                                | Prison                      | Point.                               | West Boston.                |                                      |
|----------------------------------------------|-----------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|--------------------------------------|
| February 1, 1894,<br>to<br>January 31, 1895. | Number of<br>Draw Openings. | Number of Vessels<br>Passed Through. | Number of<br>Draw Openings. | Number of Vessels<br>Passed Through. | Number of<br>Draw Openings. | Number of Vessels<br>Passed Through. | Number of<br>Draw Openings. | Number of Vessels<br>Passed Through. |
| February, 1894                               | 90                          | 119                                  | 40                          | 41                                   | 14                          | 22                                   | 29                          | 44                                   |
| March                                        | 48                          | 73                                   | 94                          | 105                                  | 24                          | 31                                   | 63                          | 121                                  |
| A pril                                       | 256                         | 305                                  | 139                         | 182                                  | 21                          | 26                                   | 172                         | 255                                  |
| Мау                                          | 353                         | 459                                  | 209                         | 285                                  | 42                          | 53                                   | 189                         | 308                                  |
| June                                         | 320                         | 401                                  | 179                         | 226                                  | 36                          | 47                                   | 208                         | 310                                  |
| July                                         | 387                         | 407                                  | 319                         | 375                                  | 51                          | 70                                   | 218                         | 313                                  |
| August                                       | 330                         | 411                                  | 210                         | 248                                  | 32                          | 39                                   | 207                         | 318                                  |
| September                                    | 367                         | 423                                  | 424                         | 475                                  | · 19                        | 20                                   | 220                         | 323                                  |
| October                                      | 375                         | 443                                  | 415                         | 456                                  | - 31                        | 45                                   | 239                         | 336                                  |
| November                                     | 317                         | 388                                  | 379                         | 450                                  | 34                          | 46                                   | 202                         | 301                                  |
| December                                     | 314                         | 447                                  | 212                         | 232                                  | 35                          | 47                                   | 145                         | 253                                  |
| January, 1895                                | 103                         | 148                                  | 12                          | 18                                   | 25                          | 32                                   | 23                          | 34                                   |
| Totals                                       | 3,260                       | 4,024                                | 2,632                       | 3,093                                | 364                         | 478                                  | 1,915                       | 2,916                                |

#### Statement showing Traffic on Bridges.

| Date.<br>1894.        | Bridge.                     | Foot-<br>Passengers. | Teams.         | Cars.      | Car<br>Pas-<br>seugers. | Bicycles     |
|-----------------------|-----------------------------|----------------------|----------------|------------|-------------------------|--------------|
| Aug. 15,              | Canal                       | 6,682<br>2,115       | 5,045<br>2,771 | 492<br>346 | 12,570<br>9,109         | 104<br>1,350 |
| 6 A. M.<br>to 7 P. M. | Prison Point<br>West Boston | 2,200<br>4,429       | 1,867<br>2,660 | 1,008      | 22,514                  | 65<br>96     |
|                       | Total                       | 15,426               | 12,343         | 1,846      | 44,193                  | 1,615        |

The following is a statement of the payments made by the city of Boston on account of the Canal, Harvard, Prison Point, and West Boston bridges, from February 1, 1894, to January 31, 1895:

| Amount of appropriation for financial ye | ears |             |
|------------------------------------------|------|-------------|
| of 1894–95                               |      | \$12,000 00 |
| Amount expended to January 31, 1895.     | •    | 11,986 85   |
|                                          |      | <u></u>     |
| Unexpended balance                       | •    | \$13 15     |

| 1894.                                   | Canal Bridge. | Harvard<br>Bridge. | Prison-Point<br>Bridge. | West Boston<br>Bridge. | General<br>Account. | Total.      |
|-----------------------------------------|---------------|--------------------|-------------------------|------------------------|---------------------|-------------|
| Salaries of draw-tenders and assistants | \$1,140 00    | √<br>\$1,271 00    | \$229 11                | \$1,250 00             |                     | \$3,890 11  |
| Lumber                                  | 371 10        | 1,236 63           | 84 62                   | 367 77                 |                     | 2,060 12    |
| Electric lighting                       | 287 52        | 1,144 51           |                         | 517 49                 |                     | 1,949 52    |
| General repairs                         | 392 71        | 383 91             | 121 46                  | 380 50                 |                     | 1,278 58    |
| Inspection                              | 180 00        | 157 50             | 30 00                   | <b>1</b> 35 00         |                     | 502 50      |
| Cleaning bridges                        | 218 56        | 39 83              |                         | 218 79                 |                     | 477 18      |
| Ironwork                                | 124 44        | 149 52             | 45 37                   | 78 78                  |                     | 398 11      |
| Sundries                                | 103 02        | $122 \ 46$         | 23 20                   | 97 27                  |                     | 345 95      |
| Fuel                                    | 134 31        | 13 46              |                         | 98 66                  |                     | 246 43      |
| Electric current for motor              |               | 150 00             |                         | ••••                   |                     | 150 00      |
| Watering roadways                       | 62 50         | !<br> ••••••       |                         | 62 50                  |                     | 125 00      |
| Tools and hardware                      | 36 77         | 38 68              | 13 20                   | 26 94                  |                     | 115 59      |
| Electric light, repairs, etc.           |               | 50 18              |                         | ••••••                 | •••••               | 50 18       |
| Water rates                             | 16 00         |                    | \$ 5.50                 | 11 00                  |                     | 32 50       |
| Salaries                                |               |                    | •••••                   |                        | 250 00              | 250 00      |
| Travelling expenses                     |               |                    |                         |                        | 67 50               | 67 50       |
| Printing and stationery                 |               |                    |                         |                        | 47 58               | 47 58       |
| Totals                                  | \$3,066 93    | \$4,757 68         | \$552 46                | \$3,244 70             | \$365 08            | \$11,986 85 |

#### Classification of Expenses.

#### PAVING DIVISION.

The following table shows the length of public highways and the character of pavements, February 1, 1895:

|                     | Sheet Asphalt. | Asphalt Blocks. | Block. | Brick. | Cobble. | Telford and<br>Macadam. | Gravel. | Not graded. | Total. |
|---------------------|----------------|-----------------|--------|--------|---------|-------------------------|---------|-------------|--------|
| In previous Report. | 5.66           | 0.81            | 77.68  | 0.36   | 3.52    | 211.73                  | 136.00  | 11.89       | 447.65 |
| February 1, 1895.   |                |                 |        |        |         |                         |         |             |        |
| · City Proper       | 5.26           | 0.85            | *42.13 | 0.42   | 2.92    | 28.05                   | 0.61    |             | 80.24  |
| Charlestown         | 0.03           |                 | 8.74   |        |         | 13.77                   | 0.03    | 0.06        | 22.63  |
| East Boston         |                |                 | 4,38   | •••••• | 0.17    | 3.05                    | 19.18   | 0.18        | 26.96  |
| South Boston        | 0.53           | · • • • • • • • | 11.92  |        | 0.05    | 22.09                   | 1.88    | 4.03        | 40.50  |
| Roxbury             | 0.37           |                 | 8.06   |        | 0.01    | 55.81                   | 14.04   | 3.03        | 81.32  |
| W. Roxbury          |                |                 | 0.09   |        |         | 32.92                   | 41.25   | 2.17        | 76.43  |
| Dorchester          |                |                 | 3.47   |        |         | 47.23                   | 33,24   | 2.08        | 86.02  |
| Brighton            | ·····          |                 |        |        |         | 16.97                   | 18.87   | 2.18        | 38.02  |
| Total               | 6.19           | 0.85            | 78.79  | 0.42   | 3.15    | 2 <b>19.</b> 89         | 129.10  | 13.73       | 452.12 |

Length in Miles.

NOTE. — The above districts refer to areas enclosed by the original boundary lines. \* Of this amount 2.70 miles = granite-block paving on concrete with pitched joints.

Total length of public streets, 452.12 miles.

There have been laid out and accepted by the Street Commissioners during the year 6.19 linear miles; many square feet have been discontinued without changing the mileage; 1,208.61 linear feet have been discontinued; corrections to previous measurements on account of abolishing grade crossings, and surrender of streets to the Park Department, show a decrease of 1.49 miles; making a total net increase of 4.47 miles. Street widenings have been ordered to the extent of 1,025,329 square feet.

Not included in the above table, there are about 142 miles of private ways and alleys which are not under the care of this department.

The rate of increase from year to year is shown in the following table:

| 1859111.50 m | iles.      | 1883                | niles. |
|--------------|------------|---------------------|--------|
| 1871         | " "        | 1884                | 4.6    |
| 1872         | "          | 1885                | 4 5    |
| 1873         | " "        | 1886383.55          | 66     |
| 1874         | 4 6        | 1887                | 4 4    |
| 1875         | "          | 1888                | 66     |
| 1876         | <b>4</b> 4 | 1889                | 6.6    |
| 1877         | 44 .       | 1890404.6           | 66     |
| 1878         | "          | 1891409.6           | 66     |
| 1879         | "          | 1892                | 44     |
| 1880         | " "        | 1893443.34          |        |
| 1881         | "          | 1894447.65          | 66     |
| 1882         | "          | $1895\ldots 452.12$ | "      |
|              |            |                     |        |

#### Areas of Pavements.

The following table shows the areas of pavements in square yards, arranged by districts:

|               | Asphalt  | Block.    | Brick. | Cobble. | Telford<br>and<br>Macadam. | Gravel.   | Not<br>graded. | Totals.   |
|---------------|----------|-----------|--------|---------|----------------------------|-----------|----------------|-----------|
| Feb. 1, 1894. | 111,147  | 1,677,451 | 3,638  | 41,706  | 3,877,758                  | 2,245,034 | 219,128        | 8,175,862 |
| Feh. 1, 1895. |          |           |        |         |                            |           |                |           |
| City Proper,  | *107,113 | † 902,699 | 5,166  | 31,896  | 523,651                    | 11,221    |                | 1,581,746 |
| Charlest'n    | 421      | 197,366   |        |         | 205,112                    | 161       | 1,413          | 404,473   |
| E. Boston     |          | 100,361   |        | 3,470   | 69,569                     | 355,258   | 3,555          | 532,213   |
| S. Boston     | 7,620    | 251,619   |        | 1,192   | 383,629                    | 38,365    | 83,599         | 766,024   |
| Roxbury       | 6,559    | 171,993   |        | 408     | 1,005,520                  | 228,745   | 94,280         | 1,507,505 |
| W. Roxb'y.    |          | 2,067     |        |         | 566,903                    | 639,671   | 32,321         | 1,240,962 |
| Dorchester,   |          | 74,594    |        | •••••   | 840,059                    | 543,642   | 78,600         | 1,536,895 |
| Brighton      |          |           |        |         | 403,356                    | 306,397   | 80,909         | 790,662   |
| Total         | 121,713  | 1,700,699 | 5,166  | 36,966  | 3,997,799                  | 2,245,034 | 374,677        | 8,360,480 |

\* Of this amount, 14,208 sq. yds. = asphalt blocks. † Of this amount, 54,121 sq. yds. = granite-block paving on concrete with pitched joints.

Total area of public streets, 8,360,480 sq. yds.

.

| Year.                       |                                                                         | City Proper. | Roxbury. | South Boston. | East Boston. | Dorehester. | West Roxbury. | Brighton. | Charlestown. | Total.  |
|-----------------------------|-------------------------------------------------------------------------|--------------|----------|---------------|--------------|-------------|---------------|-----------|--------------|---------|
|                             | (1881                                                                   | 6,294        | 8,328    | 6,304         | 443          | 13,112      | 1,314         | 263       | 794          | 36,852  |
|                             | 1882                                                                    | 3,398        | 10,930   | 4,190         | 2,119        | 8,235       | 5,454         | 5,543     | 1,595        | 47,464  |
| 72.                         | 1883                                                                    | 2,763        | 7,306    | 4,660         | 98           | 2,467       | 4,381         | 1,895     |              | 23,570  |
| Laid under the law of 1872. | 1884                                                                    | 4,691        | 9,733    | 6,189         | 2,450        | 18,310      | 4,610         | 106       | 696          | 46,785  |
| aw o                        | 1885                                                                    | 5,291        | 4,644    | 2,538         | 1,233        | 4,976       | 1,952         | 303       | 546          | 21,583  |
| he l                        | 1886                                                                    | 5,790        | 8,978    | 2,463         | 349          | 11,051      | 2,451         | 737       | 174          | 31,993  |
| ler t                       | 1887                                                                    | 3,222        | 10,192   | 4,269         | 436          | 5,229       | 2,726         | 2,055     | 223          | 28,352  |
| l und                       | 1888                                                                    | 4,359        | 5,191    | 4,531         | 971          | 5,051       | 580           | 867       |              | 21,550  |
| Laid                        | 1889                                                                    | 2,946        | 13,224   | 2,139         | 1,419        | 6,794       | 10,404        | 1,845     | 573          | 39,344  |
|                             | 1890                                                                    | 2,781        | 11,475   | 4,946         | 981          | 9,882       | 3,288         | 3,042     | 988          | 37,383  |
|                             | (1891                                                                   | 8,236        | 22,693   | 11,724        | 4,131        | 18,138      | 4,617         | 2,032     | 2,227        | 73,798  |
|                             | 1892                                                                    | 9,222        | 25,506   | 9,631         | 11,238       | 36,859      | 9,970         | 9,001     | 2,804        | 114,231 |
|                             | 1893                                                                    | 1,118        | 14,979   | 4,375         | 1,969        | 10,587      | 4,795         | 3,981     | ••••••       | 41,804  |
|                             | 1894                                                                    | 1,916        | 39,324   | 521           | 816          | 6,544       | 1,568         | 1,323     | 694          | 52,706  |
| <br>J                       | Total 62,027 192,503 68,480 28,753 157,235 58,110 32,993 11,314 611,415 |              |          |               |              |             |               |           |              |         |

#### Edgestones and Sidewalks-New Edgestones. (Lin. ft. set.)

| YEAR.                       |       | City Proper.    | Roxbury. | South Boston. | East Boston. | Dorchester. | West Roxbury. | Brighton. | Charlestown. | Total.  |
|-----------------------------|-------|-----------------|----------|---------------|--------------|-------------|---------------|-----------|--------------|---------|
|                             | (1881 | 5,207           | 11,491   | ,<br>3,961    | 893          | 337         | 1,096         | 381       | 159          | 23,525  |
|                             | 1882  | 5,905           | 7,510    | 4,984         | 1,658        | 179         | 1,834         | 117       | 887          | 23,074  |
| Laid under the law of 1872. | 1883  | 4,392           | 7,675    | 4,794         | 1,095        | 2,795       | 3,354         |           | 177          | 24,282  |
| l lo                        | 1884  | 4,870           | 7,279    | 4,437         | 1,616        | 4,902       | 954           |           | 739          | 24,797  |
| e la w                      | 1885  | 4,756           | 3,896    | 1,473         | 72 ?         | 892         | 479           | 46        | 342          | 12,606  |
| r the                       | 1886  | 5,273           | 5,285    | 2,112         | 1,002        | 2,843       |               | 58        | 527          | 17,100  |
| ndeı                        | 1887  | 5,970           | 7,693    | 3,768         | 1,500        | 1,348       | 643           |           | 56           | 20,978  |
| u d u                       | 1888  | 2,540           | 6,910    | 3,164         | 1,110        | 614         | 346           |           | 75           | 14,759  |
| $L_8$                       | 1889  | 4,835           | 10,489   | 1,942         | 1,362        | 638         | 124           | 138       |              | 19,528  |
|                             | 1890  | 4,913           | 7,651    | 1,915         | 1,947        | 1,155       | 274           | 900       | 791          | 19,546  |
|                             | 1891  | 3,881           | 9,098    | 3,628         | 2,176        | 1,478       | 967           | 377       | 120          | 21,725  |
|                             | 1892  | 10,423          | 20,231   | 4,484         | 12,847       | 10,462      | 2,905         | 1,068     | 3,451        | 65,871  |
|                             | 1893  | 96 <del>1</del> | 5,912    | 751           | 2,197        | 2,412       | 350           | •••••••   | 175          | 12,761  |
|                             | 1894  | 1,537           | 11,533   | 2,706         | 2,115        | 453         | 834           |           | 437          | 19,615  |
| -                           |       |                 |          |               |              |             |               |           |              |         |
|                             | Total | 65,466          | 122,653  | 44,119        | 32,240       | 30,508      | 14,160        | 3,085     | 7,936        | 319,882 |

Brick Sidewalks. (Sq. yds. set.)



# Full List of Streets now Paved with Trinidad Asphalt. City Proper.

| Name.           |                                                                       | Length.<br>Feet. | Area.<br>Sq. yds. |
|-----------------|-----------------------------------------------------------------------|------------------|-------------------|
| Albany st       | From East Concord st. to East Springfield st                          | 450              | 2,700             |
| Arch st.        | From Franklin st. to Milk st                                          | 426              | 1,267             |
| Ash st          | From Bennet st. to 220 ft. north of Oak st                            | 230              | 409               |
| Barton court    | From Brighton st. to Barton st                                        | 134              | 179               |
| Beacon st       | From Charles st. through Arlington st                                 | 870              | 3,800             |
| ""              | From Dartmouth st., within 150 ft. of Gloucester st                   | 1,744            | 9,277             |
| " "             | From 68 ft. of Gloucester st. to Massachusetts ave                    | 1,019            | 5,391             |
| Bennet st       | From 90 ft. west of Harrison ave. to 162 ft. east of<br>Washington st | 180              | 300               |
| Brattle square  | From Brattle st. to Elm st                                            | 281              | 670               |
| Brighton st     | From Leverett st. to Allen st.                                        | 845              | 1,737             |
| Central st      | From Broad st. to Kilby st                                            | 313              | 869               |
| Chambers st     | From Green st. through Poplar st                                      | 460              | 1,050             |
| Charter st      | From Hauover st. to Unity st.                                         | 318              | 636               |
| Cherry st       | From Washington st. to Shawmut ave                                    | 334              | 594               |
| Clark st        | From Hanover st. toward North st                                      | 120              | 227               |
| Columbus ave    | From B. & A. R.R. bridge through Massachusetts ave                    | 3,505            | 15,578            |
| Congress square | From State st. through P. O. ave                                      | 110              | 160               |
| Cooperst        | From North Margin st. to Endicott st                                  | 166              | 516               |
| ۶۵ ۵۶ <b></b>   | From Endicott st. to Charlestown st                                   | 200              | 600               |
| Court st        | From Washington st. to Court square                                   | 231              | 642               |
| Court square    | From Court st. to Court st.                                           | 665              | 1,883             |
| Davis st        | From Washington st. to Harrison ave                                   | 323              | 646               |
| Dartmouth st    | From Boylston st. to Newbury st.                                      | 266              | 2,058             |
| Doane st        | From Kilby st. to Broad st                                            | 312              | 624               |
| Endicott st     | From Cooper st. through Thacher st.                                   | 312              | 1,005             |
| Exchange place  | From Congress st. to Kilby st                                         | 244              | 678               |
| Groton st       | From Washington st. to Shawmut ave                                    | 335              | 558               |
| Hanover ave     | From Hanover st. to North st                                          | 307              | 266               |
| Harrison ave    | From East Newton st. to East Springfield st                           |                  | 1,464             |
| " "             | From East Springfield st. to Roxbury line                             |                  | 130               |
| Hollis st       | From Tremont st. toward Washington st                                 | 276              | 521               |
| Hudson st       | From Beach st. to 90 ft. of Curve st                                  | 1,407            | 3,938             |
| Indiana place   | From Shawmut ave. to Washington st                                    | 343              | 686               |
| Kilby st        | From State st. to Milk st                                             | 648              | 2,628             |
| Malcolm st      | From Mt. Vernon st. to Chestnut st                                    | 261              | 290               |

| Name.             |                                                    | Length.<br>Feet. | Area.<br>Sq. yds. |
|-------------------|----------------------------------------------------|------------------|-------------------|
| Massachusetts ave | From Tremont st. to Columbus ave., S'ly road       | 534              | 1,621             |
|                   | From Tremont st. to Shawmut ave. "                 | 940              | 2,934             |
|                   | From Shawmut ave. to Washington st. "              | 710              | 994               |
| Moon st           | From between North square and Fleet st             | 182              | 384               |
| North Bennet st   | From Hanover st. to Salem st                       | 552              | 920               |
| Parmenter st      | cc cc cc                                           | 279              | 764               |
| Poplar st         | From Chambers st. to Charles st                    | 1,188            | 2,442             |
| Stillman st       | From between Salem st. to Endicott st. (on cobble) | 150              | 417               |
| Stoddard st       | From Howard st. to Court st. (on cobble)           | 135              | 150               |
| Sun-court st      | From North st. to Moon st                          | 151              | 218               |
| Taylor et         | From Dwight st. to Milford st.                     | 193              | 300               |
| Thacher st        | From Charlestown st. to Endicott st                | 203              | 562               |
| Tileston st       | From between Hanover st. and Salem st              | 254              | 338               |
| Warrenton st      | From Eliot st. to Tremont st                       | 670              | 1,587             |
|                   | From Shawmut ave. to Washington st                 | 468              | 910               |
| Water st          | From Congress st. through Batterymarch st          | 325              | 975               |
| Wiggin st         | From North Bennet st. to Tileston st               | 107              | 119               |

#### Streets Paved with Trinidad Asphalt. — Concluded. City Proper.

#### South Boston.

| From West Fifth st. to Gold st   | 126                                                                                               | 448                              |
|----------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------|
| From Third st. to Bolton st      | 111                                                                                               | 419                              |
| From Dorchester st. to Preble st | <b>3</b> 60                                                                                       | 480                              |
| From west of C st. toward D st   | 95                                                                                                | 316                              |
| From west of E st. through E st  | 185                                                                                               | 769                              |
|                                  | From Third st. to Bolton st<br>From Dorchester st. to Preble st<br>From west of C st. toward D st | From Dorchester st. to Preble st |

#### Roxbury.

,

| Cabot st From Tremont st. to Vernon st.               | 1,955 | 6,559 |
|-------------------------------------------------------|-------|-------|
| Charlestown.                                          |       |       |
| Austin st From between Seminary place to Lawrence st. | 144   | 421   |

| Name.             |                                                                               | Length.<br>Fect. | Area.<br>Sq. yds. |
|-------------------|-------------------------------------------------------------------------------|------------------|-------------------|
| Charles st        | From between Revere st. to Cambridge st                                       | 191              | 225               |
| Decatur st        | From Washington st. to Harrison ave                                           | 370              | 781               |
| Dwight st         | From Shawmut ave. to Tremont st                                               | 716              | 781               |
| Fay st            | From Dover st. to Harrison ave                                                | 318              | 560               |
| Mason st          | From point 213 feet south of West street, a distance<br>of 231 feet southerly | 231              | 480               |
| Massachusetts ave | From Washington st. to Albany, Southerly road (un finished)                   | 1,224            | 4,151             |
| Motte st          | From Harrison ave. to Washington st                                           | 332              | 516               |
| Pemberton sq      | In front of Court House                                                       | 323              | 1,365             |
|                   | South Boston.                                                                 |                  |                   |

#### Streets Paved with Sicilian Rock Asphalt. City Proper.

| Athens st   | Prom B st. to C st                                               | 515 | 746   |
|-------------|------------------------------------------------------------------|-----|-------|
| W. Broadway | From 206 ft. east of easterly line of Dorchester ave.<br>to A st | 350 | 1,944 |
| W. Broadway | From Gardner pl. to 150 ft. east                                 | 150 | 648   |

#### Streets Paved with Granite Blocks, Pitch, and Pebble Joints, on an American Concrete Base. City Proper.

| Name.         |                                                | Length.<br>Feet. | Area.<br>Sq. yds. |
|---------------|------------------------------------------------|------------------|-------------------|
| Bedford st    | From Chauncy st. to Columbia st                | 480              | 1,650             |
| Cambridge st  | From Bowdoin sq. through Joy st                | 741              | 2,347             |
| Causeway st   | From Nashua st. to Haverhill st                | 692              | 3,807             |
| Chardon st    | From Bowdoin sq. to Merrimac st                | 738              | 2,578             |
| Charles st    | From Beacon st. to Pinckney st                 | 964              | 3,856             |
| "             | From Pinckney st. through Revere st., one side | 243              | 486               |
| "             | From between Revere st. to Cambridge st        | 411              | 844               |
| Court st      | From Court sq. to Scollay sq                   | 100              | 267               |
| Devonshire st | From State st. to Milk st                      | 650              | 2,133             |
| Eliot st      | From Washington st. to Pleasant st             | 1,183            | 4,634             |
| Exchange st   | From State st. to Dock sq                      | 335              | 589               |
| Harrison ave  | From Beach st. toward Essex st                 | 338              | 2,146             |
| India st      | From State st. to Central st                   | 126              | 921               |
| Kingston st   | From Summer st. to Bedford st                  | 308              | 933               |
| School st     | From Washington st. to Tremont st              | 570              | 1,298             |
| Tremont st    | From Scollay sq. to Boylston st                | 2,826            | 12,675            |
| Washington st | From Cornhill through Eliot st                 | 3,504            | 12,967            |

The following statement of the City Engineer contains the main features of the special work of construction assigned to him by this department for engineering supervision :

CITY OF BOSTON, ENGINEERING DEPARTMENT, 50 CITY HALL, January 31, 1895.

MR. B. T. WHEELER, Superintendent of Streets:

SIR: I herewith submit the following report of the work done under my direction for the Street Department during the year 1894.

The following are the principal items of work done :

Block-stone paving, on a concrete base, laid with pitch joints, 12,349.5 square yards, at an average cost of about \$4.75 per square yard.

Block-stone paving, on a gravel base, laid with pitch joints, 5,410 square yards, at an average cost of about \$3.50 per square yard.

Block-stone paving, on a gravel base, with gravel joints, 34,617 square yards, at an average cost of about \$3.00 per square yard.

Trinidad sheet asphalt, with a binder course of asphaltic cement concrete, on a concrete base, 4,577.6 square yards, at an average cost of about \$3.75 per square yard.

Sicilian rock asphalt, on a concrete base, 2,392.5 square yards, at an average cost of about \$3.75 per square yard.

Edgestone set, 48,678 lin. ft. ; brick sidewalk laid, 17,119 square yards ; flagging crosswalk laid, 2,361 square yards.

The following is a statement of the streets paved, for which plans were made, lines and grades given, and the work supervised :

Albany Street. — From Broadway to Lehigh street was paved with old granite blocks on a gravel base; the blocks used were the best of those removed from Charles street, the street was sub-graded, and the gutters removed by P. F. Lonergan; the paving, resetting of edgestone, and relaying of brick sidewalks was done by the Paving Division. The surface removed was macadam.

Arlington Street. — From Beacon to Marlborough street was paved with vitrified brick on a concrete base; the street was sub-graded by J. J. Sullivan, the gutters removed by James Dolan; the concrete base was put down and street paved by The Interstate Vitrified Brick and Paving Company, of New Jersey, at their own cost. The edgestones were reset and the brick sidewalk relaid by James Grant & Co. The surface removed was macadam. Austin Street (Charlestown). — From Washington street to Fitchburg Railroad crossing was paved with granite blocks on a gravel base; the sub-grading was done by the Paving Division. The street was paved, the edgestones reset, the brick sidewalk and the crosswalks relaid by John Turner & Co. The surface removed was old granite blocks.

Barton Court. - From Barton to Brighton street was paved with Trinidad asphalt, with a binder layer of asphaltic cement concrete on the existing cobble-stone pavement, by the Barber Asphalt Paving Company.

Blue Hill Avenue. — From Dudley street to 80 feet north of Dalmatia street was paved with large granite blocks on a gravel base; the sub-grading was done by the Paving Division. From Dudley to Moreland street the street was paved, the edgestone reset, and the brick sidewalks and crosswalks relaid by the Paving Division.

From Moreland street the paving was done by D. N. Payson. Two new catch-basins were built on the easterly side, one at Stafford street and one at Devens street. The surface removed was macadam.

Bowker Street. — From Chardon to Sudbury street was paved with large granite blocks on a gravel base, with pitch joints. The old pavement was removed and the street was sub-graded by the Paving Division. The street was paved, the edgestones reset, and the brick sidewalks relaid by James Grant & Co. The West End Street Railroad Company, by agreement, paid for an amount of paving equivalent to the area previously occupied by their tracks. The '. pavement removed was cobble-stone.

Cambridge Street. — From Joy street to Bowdoin square was paved with large granite blocks on a concrete base, with pitch joints; the old block pavement was removed, and sub-grading done by S. & R. J. Lombard; the blocks and material excavated became the property of the contractor. The concrete base was put down by the Metropolitan Construction Company, the street was paved, the edgestones reset, and the brick sidewalks and granite flagging crosswalks relaid by James Grant & Co. The West End Street Railway Company agreed to pay for the work done between the rails of their tracks, which work was done in a similar manner to the rest of the street, by H. Gore & Co. The pavement removed was old granite blocks.

Causeway Street. — From west side of Nashua to east side of Haverhill street was paved with large granite blocks on a concrete base; the sub-grading was done by the Paving Division, the concrete base was laid by the Metropolitan Construction Company, the street was paved, the edgestones reset, and the brick sidewalks and granite flagging crosswalks relaid by J. Grant & Co.

There were four new catch-basins built on the northerly side of the street. The pavement removed was old granite blocks. The roadway was widened on the northerly side about 10 feet, by removing the old brick sidewalk, and using the space in front of the new Union Station for a sidewalk; the roadway was also improved by removing one of the West End Railway tracks between Portland street and Canal street and moving the other track over to the northerly curb. A granolithic sidewalk was laid in front of the old Lowell Station by the Warner H. Jenkins Company.

Chambers Street. — From Green to Poplar street was resurfaced with Trinidad asphalt on the old cobble-stone pavement by the Barber Asphalt Paving Company. The surface removed was old Trinidad asphalt.

Chapman Street (Charlestown). — From Austin street to Rutherford avenue was paved with large granite blocks on a gravel base, the bed was prepared by the Paving Division, the street was paved, the edgestones reset, and the brick sidewalks and flagging crosswalks relaid by J. Turner & Co. The pavement removed was old granite blocks.

Charles Street. - From Pinckney to Cambridge street, on the westerly side, except in front of the Eye and Ear Infirmary, was paved with large granite blocks laid with pitch joints on a concrete base; the old pavement was removed and the street sub-graded by P. O'Riordan and by the Paving Division. The best of the old blocks were used on Albany street, from Broadway to Lehigh street. The concrete base was laid by the Metropolitan Construction Company. The paving, including the westerly track of the West End Street Railway, the edgestone resetting, the brick sidewalk and granite flagging crosswalk relaying was done by F. H. Cowin. The West End Street Railway by agreement paid for the work done in their track. It was intended to pave the street in front of the Eye and Ear Infirmary with Sicilian rock asphalt, but on account of unfavorable weather the work had to be postponed; this part of the street was made passable by putting in crushed stone temporarily. The pavement removed was old granite blocks.

Charter Street. — From Hanover to Unity street was surfaced with two feet of Trinidad asphalt and binder on the cobble-stone base by the Barber Asphalt Paving Company; the cobble-stone base was regulated, the edgestones reset, and the brick sidewalk flagging crosswalks relaid by James Grant & Co. The former pavement was cobble-stone. Court Square. — The easterly and southerly roadways were resurfaced with Trinidad asphalt and binder on a concrete base by the Barber Asphalt Paving Company. The old concrete base having been found to be poorly graded, and it not being deemed expedient to relay the same, considerable extra work had to be done in order to shape the binder so as to give a proper crown to the street.

Commonwealth Avenue. — From Arlington street to Massachusetts avenue, see page 60.

Dartmouth Street. — From Boylston street to Newbury street was paved with Trinidad asphalt on a concrete base by the Barber Asphalt Paving Company. The sub-grading was done by J. J. Sullivan; the concrete base was laid by the Metropolitan Construction Company. The edgestone was reset in part and the brick sidewalk relaid by H. Gore & Co. The original intention was to pave the street from curb to curb with asphalt, but the West End Street Railway was allowed to pave with granite blocks between the rails of their track, until the horse cars now running there are replaced by electrics. The former surface was macadam.

Derne Street. — From Hancock to Temple street was paved with Hastings asphalt blocks on a base of crushed stone, by J. Turner & Co. The sub-grading was done, the edgestone was reset (north side), and the brick sidewalk (north side) was relaid by J. Turner & Co. The cobblestone, old edgestone, and material excavated became the property of the contractor. On the southerly side of the street the State House Commissioners put in a combination granite curb and gutter and a granolithic sidewalk. One catch-basin was rebuilt at the corner of Hancock street; the former pavement was cobble-stone.

East Eighth Street. — From Old Harbor to G street (north side) and G to H street, on both sides of the railroad track, was paved with large granite blocks on a gravel base. The sub-grading was done by the Paving Division, and the street paved, edgestones reset, brick sidewalk and flagging crosswalks relaid by H. Gore & Co. The former surface was macadam.

*East Second Street.* — From I to K street was paved with large granite blocks on a gravel base; the sub-grading was done by the Paving Division, and the street paved, edgestone reset, brick sidewalk and flagging crosswalk relaid by H. Gore & Co. The former surface was macadam.

*Essex Street.* — From Harrison avenue to Kingston street was paved with large granite blocks on a gravel base, with pitch joints; the sub-grading was done by the Paving Division, and the street paved, edgestone reset, brick sidewalk and flagging crosswalk relaid, by Doherty & O'Leary. The former pavement was old granite blocks. The street was widened to a uniform width of fifty feet.

*Essex Street.* — From Kingston to South street was paved with large granite blocks on a gravel base, partly with pitch joints and partly with gravel joints. The sub-grading was done by the Paving Division, and the edgestone reset, brick sidewalks and flagging crosswalks relaid, by A. A. Libby & Co. The former pavement was old granite blocks. This street was widened to a uniform width of fifty feet.

Fay Street. — From Dover street to Harrison avenue was surfaced with Sicilian rock asphalt on the existing cobble-stone pavement, by H. Gore & Co. This work was commenced in 1893. (See report of Superintendent of Streets for 1893.)

Harrison Avenue. — From Beach to Essex street; from Beach street 200 feet toward Essex street was paved with large granite blocks on a concrete base with pitch joints. The rest of the street was paved temporarily until the West End Street Railway can obtain and put in new special work. The concrete base was put in by the Metropolitan Construction Company; the rest of the work was done by the Paving Division. The work done was necessitated by the widening of the avenue. The former pavement was old granite blocks.

Lewis-Street Extension. — From North to Moon street was paved with granite blocks on a gravel base. The subgrading was done by the Paving Division, and the paving was done, edgestone set, brick sidewalk and flagging crosswalks laid, by P. W. Hernon. One new catch-basin was built at the corner of North street. This extension was laid out in 1893.

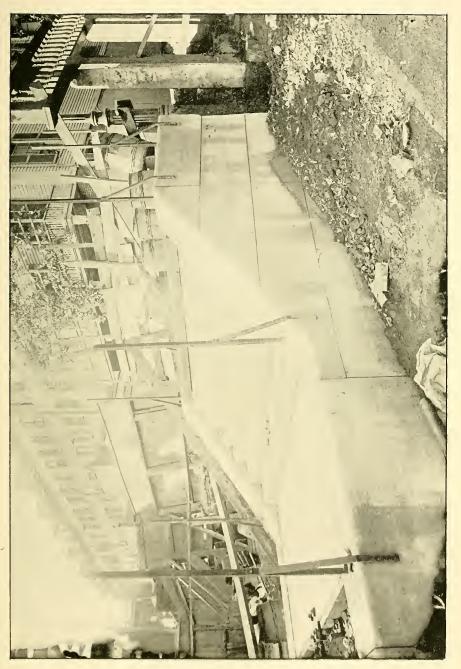
Mason Street. — At Boston and Bijou theatres was surfaced with Sicilian rock asphalt on cobblestone base with binder, by H. Gore & Co. The base was regulated, the edgestone reset, and the brick sidewalks relaid by Paving Division. The former pavement was cobble-stone.

Massachusetts Avenue. — The southerly roadway, from Washington to Albany street, was to have been surfaced with Sicilian rock asphalt on a concrete base by H. Gore & Co., but only about 275 feet from Washington street was laid, when the weather became so unfavorable on account of the lateness of the season, that work had to be suspended. The excavating to sub-grade and removing of gutters was done by J. J. Sullivan. The concrete was put down by the Metropolitan Construction Co.; the edgestones reset and the brick sidewalk relaid by H. Gore & Co. A granolithic sidewalk in front of the City Hospital building was laid by Simpson Bros. The centre parkway was extended about 130 feet to within 16 feet of Albany street, and a driveway was built across it opposite the entrance to the Hospital. The uncompleted roadway between Washington street and Harrison avenue was made passable by covering the concrete with crushed stone; the part between Harrison avenue and Albany street was closed to travel, and the concrete covered with seaweed to protect it from the frost. Nine new catch-basins were built between Harrison avenue and Albany street, — four on the northerly roadway and five on the southerly roadway, — and one was rebuilt at the corner of Albany street. The former surface was macadam.

Park Street and City Square, Charlestown. — The paving on this street, which was not completed in 1893, was finished in April of the present year.

Pemberton Square. - In front of the new Court House was surfaced with Sicilian rock asphalt on a concrete base, by H. Gore & Co. In the southerly corner, where the teams of Houghton & Dutton are loaded, the square was paved with large granite blocks on gravel base with pitch joints, by J. Grant & Co. The concrete base was laid by the Metropolitan Construction Company. The excavation to sub-grade was done by the Paving Division; the old gutter paving removed by J. Dolan; the edgestone reset by J. Grant & Co.; a granolithic sidewalk was laid on the westerly side of the square, and on part of the easterly side, by Simpson Bros.; and five new catch-basins were built. The former pavement was macadam. The old planting space in the square, containing four trees, was removed, the edgestone in front of the Court House was laid out in a circular are, very nearly concentric with the edgestone on the opposite side of the roadway, making a roadway about 36 feet wide; at the back of the sidewalk was placed a curb of special design, between which and the building it is intended to make a grass plot.

Ruth-Street Extension. — This way or foot-path is in East Boston, and serves to connect Webster street and Marginal street, which are parallel streets, about 240 feet apart, but with a difference of level at this point of about 45 feet. The extension is about 138 feet long and 11½ feet wide. It consists of 7 flights of artificial stone steps connected by platforms of the same material. An additional flight of 13 steps connects Brigham street with Ruth street. The artificial stone work was done by Simpson Bros., at a cost of \$2,122.93. The iron railing and fence work was furnished by G. T. McLauthlin & Co., and cost \$554.97. The excavation, foundations, stone retaining-walls, and wooden fences were furnished by the Street Department. This is the first





example of the use of "artificial stone" on any considerable scale that the city has yet made. It is used here for walks, steps, and retaining-walls. It makes a fine-looking job, and thus far the experience has been satisfactory.

Utica Street. — From Kneeland street to the angle was paved with large granite blocks on a gravel base, by the Paving Division. About 350 square yards of the old cobblestone were removed by J. Dolan, the rest by the Paving Division. The edgestone, brick sidewalks, and crosswalks were relaid by the Paving Division. One new catch-basin was built. The former pavement was cobble-stone.

Washington Street. — From Essex to Eliot street was paved with large granite blocks on a concrete base with pitch joints, by H. Gore & Co. The old block paving was removed to Commonwealth avenue beyond Harvard avenue, by O. Doherty. The sub-grading was done by the Paving Division, and the edgestone reset, brick sidewalks and granite flagging crosswalks relaid, by H. Gore & Co.

The West End Street Railway, by agreement, paid for the work done between the rails, which work was done in a similar manner to the rest of the street. Two new catch-basins were built. The former pavement was old granite blocks.

## GRADING STREET-RAILWAY TRACKS.

The work of properly grading street-railway tracks to fit a permanent surface of the street has been continued. This requires much labor, and it seems proper that the railway company should bear a portion of the cost of so doing. This has been arranged by requiring a survey of the street surface, with levels, to be made by the railroad engineers in all cases where street construction work has not been ordered by the Street Department. The grades for the tracks are then established and blue-prints of the working plans are farnished the railroads.

The following tracks have been graded:

# WEST END STREET RAILWAY.

Bowdoin Street. — From Washington street to Geneva avenue.

Cambridge Street. — From Joy street to Bowdoin square. Causeway Street. — From Billerica through Haverhill street.

Centre Street. — From Cedar to Pynchon and Cedar to Eliot square.

Central Square. — East Boston.

Charles Street. - From Pinckney to Cambridge street.

Clarendon Street. - Across Commonwealth avenue.

Commonwealth Avenue. — From Beacon street to Cottage Farm bridge and St. Paul street to near Malvern street.

Dartmouth Street. — From Boylston to Newbury street and across Commonwealth avenue.

Dover Street. — From 200 feet west of Albany street to Dover-street bridge.

*Eagle Street.* — From junction of Lexington street to new car-house.

Essex Street. — From Harrison avenue to Kingston street. Harrison Avenue. — From Essex to Beach street.

Huntington Avenue. — From 2,950 feet south of Gainsborough to Tremont street.

Lexington Street. - From Meridian to Marion street.

Lexington Street. - From Eagle to Prescott street.

Meridian Street. - From Central square to Chelsea street.

Prescott Street. - From Lexington to Saratoga street.

Tremont Street. - At Huntington avenue.

Warren Street. - From Elm Hill avenue to Brunswick street.

Washington Street. — From Boylston to Hollis street and Boston & Albany Railroad bridge to Warrenton street.

West Fourth Street. — From Dover-street bridge through Dorchester avenue.

NORFOLK SUBURBAN STREET RAILWAY.

Hyde Park Avenue. - From Hyde Park line to Forest Hills.

QUINCY & BOSTON STREET RAILWAY.

Neponset Avenue. — At Neponset bridge.

Surveys, plans, and estimates for improving and paving the following streets have been made; construction not yet commenced:

Albany Street. - From old East Springfield to Northampton street.

Arlington Street. — From Marlborough through Commonwealth avenue.

Ash Street. — From Oak to Nassau street.

Austin Street. — From Fitchburg Railroad crossing to Prison-point bridge.

Bartlett Street. — From Washington street about 500 feet westerly.

Bennington Street. — From Wordsworth to Saratoga street. Chelsea Street. — From Bennington to Saratoga street. Congress Street. — From Atlantic avenue to Congressstreet bridge.

Court Avenue. - And Corn Hill court.

Dartmouth Street. — From Warren avenue to Columbus avenue.

Harrison Avenue. - From Beach to Kneeland street.

Harrison Avenue. - From Dudley to Warren street.

Harrison Avenue. - From East Springfield to Northampton street.

Massachusetts Avenue. — From Washington to Albany street (northerly roadway).

Merchants Row. - From State to South Market street.

Milk Street. — From Washington to Congress street.

Northampton Street. — From Harrison avenue to Albany street.

North Margin Street. — From Cooper to Stillman street. Norway Street. — From Massachusetts avenue to Falmouth street.

Oxford Street. - From Beach to Essex street.

State Street. - From Merchants row to India street.

Washington Street. — From Hollis to Boston & Albany Railroad bridge.

Water Street. -- From Washington to Devonshire street.

## MISCELLANEOUS WORK.

Essex and Lincoln Streets. — On February 7, 1894, a contract was made with A. A. Elston to take down the old building standing upon the widening of the above-named streets, and upon the estate of John Farlow, for the sum of \$1,425, which work was satisfactorily completed.

West End Street Railroad Co. — The tracks of the above company were removed from the following streets, and the cost of repaying the same with granite blocks on a gravel base with pitch joints was paid by the company. Measurements of the areas of paying, to be so paid for, were made and returned.

Bowker Street. — From Chardon to Sudbury street. Broad Street. — From Wharf to Franklin street. Fleet Street. — From Hanover to Commercial street. Foundry Street. — From Division to W. Fourth street. Franklin Street. — From Broad through Congress street. High Street. — From Engine-house to Oliver street. Milk Street. — From Oliver to Congress street. Oliver Street. — From High to Milk street.

Surveys and plans were made for work upon the following

streets; grades and lines were given, but the work of construction was not supervised by this department:

Dartmouth Street. — From Tremont street to Warren avenue was paved with old granite blocks from Dover and Albany streets; a plan was prepared and lines and grades given for paving, resetting edgestones, relaying brick sidewalks and flagging crosswalks, the work being done by the Paving Division. The West End Street Railway tracks were not regraded. The former surface was macadam.

Tufts Street. — From Kingston to Lincoln street was repaved with granite blocks, gravel base. A plan was prepared and lines and grades given. The work of paving the roadway, resetting the edgestone, relaying the brick sidewalks and flagging crosswalks, was done by the Paving Division.

Rutherford Avenue. — From Devens to Chapman street was paved with granite blocks on gravel base. A plan was made and lines and grades given. The work of paving, resetting edgestones, relaying brick sidewalks and flagging crosswalks, was done by the Paving Division. The former surface was macadam. One new catch-basin was built and three old ones rebuilt.

Thompson Street. — From Main to Warren street was macadamized. A plan was made and lines and grades given. The work of macadamizing, resetting edgestones, relaying brick sidewalks, was done by the Paving Division. The former pavement was cobble-stone.

Phipps Street (Charlestown). — Was paved with granite blocks on gravel bed. A plan was prepared and lines and grades given. The work of paving the roadway, resetting edgestones, relaying brick sidewalks, was done by the Paving Division. The former pavement was cobble-stone.

Charles Street. — From Main to Bunker Hill street was paved with large granite blocks on a gravel base; lines and grades were given. The work of paving the roadway, resetting the edgestone, relaying brick sidewalks, was done by the Paving Division. The former surface was cobblestone.

Sprague Street. — From Princeton to Bunker Hill street was macadamized. The edgestone was set, cobble gutters and brick sidewalks were laid by the Paving Division. The former pavement was gravel.

Oak Street. — From Washington street to Harrison avenue was paved with granite blocks on a gravel base. A plan was prepared and lines and grades given. The work of paving roadway, resetting edgestone, relaying brick sidewalks and flagging crosswalks, was done by the Paving Division. The former pavement was blocks and cobble-stone mixed.

Utica Street. — From Kneeland to Beach street was paved with granite blocks on a gravel base. A plan was made and lines and grades given. The work of paving the roadway, resetting edgestone, and relaying brick sidewalks was done by the Paving Division. The former pavement was old granite blocks.

Congress Street. — From A street to L-street bridge. The work on the plank sidewalk and fence, which was begun last year, has been completed.

Bushnell Street (called Peabody Square). — A plan was made showing the present and proposed location of trees; a plan and specification was also prepared for a circular park curb, and lines and grades given for setting the same. The work was done by the Paving Division. One catch-basin and one drop inlet built.

Vale Street. — From Dorchester street to Mercer street. Cross section and an estimate were made for filling the above to grade, and lines and grades given for filling the same.

Preliminary estimates were made for repairing or rebuilding ninety streets.

#### NEW STREETS.

During the early part of the season of 1894 three streets, viz., Miner street, Bay State road, and Deerfield street, which were reported last year as uncompleted, were finished. The following streets have been contracted for, under the provisions of Chap. 323 of the Acts of the Legislature of 1891, as amended by Chap. 418 of the Acts of 1892; the entire expense of construction is borne by the abutter, and sewer, gas, and water pipes, with house connections to the sidewalk, are laid in advance of the street construction:

Arundel Street. — From Beacon to Mountfort street, about 271 feet long, is practically completed at a total cost of \$1,843.45. For itemized prices and quantities, see table accompanying this report. The contractors were H. Gore & Co. It is a 6-inch macadam street.

Ivy Street. — From St. Mary to Mountfort, not including the Audubon-road intersection, is about 772 feet long. This contract, which was awarded to J. Grant & Co., is not yet completed, and there remains to be done the spreading of the binder, watering, and rolling. It is a 6-inch macadam street.

Mountfort Street. — From Audubon road to Ivy street is about 427 feet long. This street was constructed by H. Gore & Co., at a cost of \$2,549.93. It is a 6-inch macadam street.

Newbury Street. — From Charlesgate West to Brookline avenue, about 1,271 feet in length, was built by F. H. Cowin & Co., at a total cost of \$10,386.93. This is a 6-inch macadam street.

Parker Street. — The contract for constructing and regulating this portion of this street from Huntington avenue to Westland avenue, about 1,687 feet long, was awarded to Messrs. Doherty & O'Leary. The work is not yet finished. It is to be a Telford roadway, the base to be 10 inches, and the broken stone 6 inches, in thickness.

St. Germain Street. — The contract for building St. Germain street, from Massachusetts avenue to Dalton street, about 749 feet long, was awarded to Quimby & Ferguson, but on account of the lateness of the season they were able to do only the filling to sub-grade. This is to be a Telford roadway, the base to be 8 inches, and the broken stone to be 6 inches, in thickness.

Boylston Street. — A contract for filling the Boylstonstreet extension, from Boylston road to Brookline avenue, about 2,070 feet in length, was awarded to J. O'Brien on December 1, 1894, at the rate of  $0.62\frac{1}{2}$  per cubic yard, measured in the bank. The order of laying out requires a gravel roadway with gravel sidewalks.

### COMMONWEALTH AVENUE.

This avenue now extends under one name from the Public Garden to the Newton line, a total length of 5.59 miles, it having been extended from the Chestnut Hill Reservoir gate to the Newton line, where it connects with a new avenue bearing the same name, which, like the part in Boston, is only partially completed. This avenue extends through the heart of Newton, a farther distance of four miles.

Commonwealth avenue in Boston varies in width from 120 to 200 feet, and is laid out partly as a parkway, in the care of the Park Department, partly as a highway, with heavy teaming ruled off by order of the Board of Aldermen, and partly as an ordinary highway. It was formed of portions of streets formerly bearing different names, with widenings and extensions made at different times. The extension of the avenue from Beacon street has been under construction for the last eleven years, during which time about one million two hundred and seventy-five thousand dollars has been expended upon it. A large amount of work has been done upon every part of it, excepting the most recent extension, and a large amount yet remains to be done to complete the enterprise.

The following is a short account of what has already been done, together with a statement of its present condition and an approximate estimate of the cost of completion :

Beginning at the Public Garden in Boston, the first section, extending to Beacon street, a distance of 1.44 miles, was taken by the Park Commissioners, under Chap. 300, Acts of 1893, as a parkway. This section is uniformly two hundred fect wide. The part of it between the Public Garden and Massachusetts avenue has two roadways and a central planting space. The northerly roadway is thirty-five feet wide between curbs; the southerly roadway is thirty-five feet between curbs; the central planting space is one hundred feet wide, with a gravel walk in the centre eighteen feet wide, and the sidewalks, each, fifteen feet wide. The roadways have been rebuilt this season in a thorough manner with Telford roads. The work was done by the Street Department for the Park Department. The excavation of the old surface was let in eight contracts. The stone for the Telford foundation was furnished by ten contractors and by the Street Department, and was set by four contractors. The old gutter blocks were removed by two contractors, and new ones were furnished by two contractors and from the city paving yards, and were set in place by four contractors. The edgestones were reset, where necessary, and the sidewalks repayed in part by two contractors. Broken stone for the macadam surface was furnished by two contractors, and from two city crushers. Steam-rollers were furnished from the Street and Park Departments and from contractors, the maximum number used was six. Gravel for gutter paving was furnished by the Street Department, and the broken stone was received and spread, and all miscellaneous work required to connect the various contracts was done, by the regular force of the Street Department. Platform scales were set up on the work, and all Telford and macadam materials were received by weight. The broken trap rock was weighed on cars.

Each roadway has two gutters, three feet in width. The Telford road has a base of Roxbury conglomerate eight and a half inches thick, thoroughly rolled, and a surface of broken stone four and a half inches thick after rolling. Between Arlington and Fairfield streets, the surface is trap rock from Salem and Waltham, furnished by the Massachusetts Broken Stone Company. From Fairfield to Gloucester street, on the northerly roadway, the surface is Roxbury conglomerate from Humboldt avenue, furnished by H. P. Nawn, and the remaining blocks are surfaced with Roxbury conglomerate from the Tremont and Codman street ledges, mixed indiscriminately. No binding material, except stone screenings, was used, and on each section the screenings were of the same material as the broken stone. The intersections of cross streets were put in good order, and the street railways on Clarendon and Dartmouth streets were rebuilt with entirely new material, and Clarendon street was paved with granite blocks.

The total area of gutter paving was 7,446.7 sq. yds. The total weight of Telford base stone used was 11,806.64 tons, on 30,025.4 sq. yds., or 786.44 lbs. per sq. yd. The weight of trap rock macadam used was 7,467.36 tons, on 20,313 sq. yds., or 735.23 lbs. per sq. yd. The total weight of Roxbury stone macadam used was 4,211.08 tons on 11,842 sq. yds., or 711.21 lbs. per sq. yd. The result in weight of stone indicates that a considerably thicker road was actually built than was intended. The surface was kept at grade, and whatever settlement was caused by the weight of the heavy rollers was made good by additional broken stone.

The intersections of cross streets are built on a Telford base only in the continuation of the avenue roadways; the balance of the intersections were surfaced with broken stone and rolled. The quantity of broken stone used on them could not be exactly determined, and it was assumed that onehalf the regular thickness was applied. The work was begun on July 30, 1894, and completed on November 20, 1894. The total cost of work on this section was \$84,373.10, less \$9,600 allowed for old materials removed; making the net cost \$74,773.10.

The remainder of this section is irregularly laid out, and is connected with the Back Bay Fens.

The next section, from Beacon street to Cottage Farm bridge, is .79 mile in length and 160 feet in width; it is laid out in the following manner: Commencing on the southerly line sidewalk, 10 feet; planting space, 12 feet; roadway, 35 feet; grass and electric railroad, 33 feet; roadway, 45 feet; planting space, 10 fect; and sidewalk, 15 feet. The filling on this section by the Boston Contracting Company, and their successors, the Fidelity and Deposit Company, of Maryland, was completed on September 23, 1893. The total quantity of material delivered was 57,675 cubic yards, at \$0.41 per yard, amounting to \$23,646.75.

Telford stone was accumulated during the preceding winter, and the southerly roadway between Beacon street and Cottage Farm bridge was built during the year 1894 by the regular force of the Street Department. A fence and wooden sidewalk on the southerly side was built by the carpenters of the Bridge Division of the Street Department; the gutters were paved by contract. The roadway is a Telford road, with a face ten inches thick, and six inches of Roxbury stone macadam. The northerly roadway was built in 1893 in the same manner, except that the macadam is trap rock. This section is practically completed to within three hundred feet of Cottage Farm bridge. The sewers, gas and water pipes, are laid in the side planting spaces.

The abutments of the bridge were built during the year. By arrangement with the Boston & Albany Railroad these abutments are built partly in the railroad location, and the part of the bridge which was formerly maintained by the railroad will hereafter be maintained by the city. The central abutment and the bridge have not yet been built.

Essex street connects with the widened avenue on the northerly side, so as to render considerable filling necessary to make even a temporary connection. The plan, as arranged by the Board of Survey, contemplates ultimately elevating Essex street and crossing the Grand Junction Railroad by a bridge; but it will be necessary to make a temporary grade of about 6 per cent. crossing the track at grade, in order to keep the street open until the Board of Survey plan is carried out.

Westerly from the bridge to Brighton avenue the section is 160 feet in width and the distance is .69 mile. For about 1,000 feet westerly from the bridge, through the marsh, there has been an excessive settlement of filling with a large displacement of mud; only one temporary roadway has been built here. An unexpected settlement took place at this point, requiring some 16,000 cubic yards of surplus filling, for which the contractor was paid an extra sum of money. The filling on this section was completed on August 9, 1894, and while it is probable that settlement will continue for some years, it is probable that a fair street surface can be maintained. There are no sewers, gas, water, or surface drain pipes laid in the "marsh section," except the large main water and gas pipes. The remainder of the section to Brighton avenue has one roadway completed. This is a Telford road of Roxbury stone of the same thickness as those east of the bridge, and was built by the Street Department in 1894. The remaining roadway (on the southerly side) has been built to sub-grade of gravel, with the intention of finishing it with gravel as a soft road suitable for fast driving.

The width, plan, and disposition of water, gas, and sewer pipes is the same as in the section east of the Cottage Farm bridge. A considerable amount of work on sidewalks, loam spaces, and fences remains to be done.

The section between Brighton avenue and Warren street is .88 mile long and 200 feet wide. It is laid out with three roadways, a saddle-path, three grass plots, and two sidewalks; the width of each and their order, commencing on the southerly side, as follows : Sidewalk, 10 feet; grass plot, 10 feet; roadway, 26 feet; grass plot, 29 feet; central roadway, 50 feet; saddle-path, 20 feet; grass plot, 9 feet; roadway, 26 feet; grass plot, 10 feet; sidewalk, 10 feet. The central roadway has been built and has been in use for several years. It was necessary to raise its grade for about 1,200 feet in length to fit the new grade adopted; the amount of this change in grade is from 0 to 1 foot, in vertical height. The sub-grading is completed on a large part of this section, and the construction of the two side roads has been com-The side roads are to be of lighter construction menced. than in the preceding section, the depth being for Telford base 8 inches, for macadam, 4 inches. The sewer and surface drain work on this section is substantially finished, and there are nearly enough paving-blocks on the ground for the gutters. These blocks came from the section of the avenue taken by the Park Commissioners, with the understanding that \$3,500 is to be paid for them when funds are available.

The section between Warren street and Chestnut Hill avenue is 200 feet wide and 1.07 miles long. This is an uneven and rocky section, with two sidewalks, 7.5 feet wide, and a roadway 50 feet wide winding irregularly through the location; it was built some years since. On September 15, 1884, in the Board of Aldermen, it was "Ordered, That the Board adopt the plan and profile for constructing Massachusetts avenue, in the Brighton District, as prepared by Henry M. Wightman, City Engineer, dated September 11, 1884, and deposited in the office of the said City Engineer, the said plan being a modification of a plan of said avenue designed by Frederick L. Olmsted. It being understood that the construction of said avenue shall be substantially in accordance with said plan. Passed."

The plan referred to has disappeared, but a copy exists. The road built does not exactly follow the plan, and no design has been adopted for the treatment of the remainder of the 200-feet location. A plan has recently been made which collects all the information concerning this section that is available, including the streets contemplated by the Board of Survey, and the grades considered or adopted by them, and on this has been sketched a plan for building a series of side roads, and rough estimates have been made of the cost of completing the roads in accordance therewith. There will remain large areas of uneven land with high ledges between these roads, which, from their bold character, and the fine views from their summits, may be ornamentally treated, if desired. It would seem desirable that Mr. Olmsted should complete his design, and that this portion of the avenue should be built in accordance with it.

The remaining section between Chestnut Hill avenue and the Newton line is .72 mile long, and has been laid out as an ordinary highway. The plan provides for two roadways, three grass plots, and two sidewalks, disposed of as follows: Beginning at the southerly side: sidewalk, 10 feet; grass plot, 5 feet; roadway, 40 feet; grass and electric road, 25 feet; roadway, 25 feet; grass plot, 5 feet; sidewalk, 10 feet.

The estimated cost of completing the avenue from Beacon street to the Newton line, as outlined above, and exclusive of the cost of sewers and surface drains, and including land damages, is \$556,598, or about \$400,000, excluding the extension recently made beyond Chestnut Hill avenue, and provided that material is transferred from section to section. The estimates by sections are appended :

Estimated cost to complete the construction :

| Beacon street to Warren street            | \$188,405 00 |
|-------------------------------------------|--------------|
| Warren street to Chestnut Hill avenue     | 164,157 00   |
| Chestnut Hill avenue to Newton line .     | 99,685 40    |
| Bridge at Cottage Farm, cost to complete, | 60,159 00    |
| Chestnut Hill avenue to Newton line, land |              |
| damages, estimated by Street Commis-      |              |
| sioners                                   | 44,191 00    |
|                                           |              |

Total . . . . . . . . . . . . \$556,598 00

Fifteen per cent. for engineering and contingencies has been added in each section.

This estimate contemplates charging the section between Warren street and Chestnut Hill avenue with \$22,920 for earth filling to be received from the section between Chestnut Hill avenue and the Newton line, and crediting the firstnamed section with \$9,000 for rock to be used on the other sections.

Plans have been made showing the different methods of construction at different sections of the avenue, and also a proposed method of completing the avenue from Warren street to Chestnut Hill avenue.

| The following    | table shows the sur | ns heretofore : | appropri- |
|------------------|---------------------|-----------------|-----------|
| ated and expende | ed upon the avenue  | :               |           |

| DATE.   | Appropriation. | Land<br>Damages. | Construction and<br>Miscellaneous. | Total Amount<br>expended. |
|---------|----------------|------------------|------------------------------------|---------------------------|
| 1883    | \$55,000 00    | \$24,800 00      |                                    | \$24,800 00               |
| 1884    | 50,000 00      | 14,462 00        | \$49,992 03                        | 64,454 03                 |
| 1885    | 50,000 00      | 19,713 68        | 4,813 21                           | 24,526 89                 |
| 1886    | 40,000 00      |                  | 65,481 08                          | 65,481 08                 |
| 1887    | 125,000 00     | 14,000 00        | 9,932 70                           | 23,932 70                 |
| 1888    | 111,500 00     |                  | 46,069 45                          | 46,069 45                 |
| 1889    |                | 40,366 98        | 49,070 24                          | 89,437 22                 |
| 1890    | 107,438 04     | 223,071 06       | 22,165 61                          | 245,236 67                |
| 1891    | •••••          |                  |                                    |                           |
| 1892    | 286,233 01     |                  | 123,170 81                         | 123,170 81                |
| 1893    | 203,000 00     | 56,527 00        | 209,719 65                         | 266,246 65                |
| 1894    | 247,000 00     | 30,275 00        | 271,349 47                         | 301,624 47                |
|         | \$1,275,171 05 | \$423,215 72     | \$846,313 34                       | \$1,274,979 97            |
| Balance |                |                  |                                    | \$191 08                  |

## SIDEWALK PLANS.

A set of plans was made for the Street Department some years ago. The design was to show on one plan all pavements, gutters, sidewalks, street railways, and crossings, edgestones, all sewer and water pipes, and, in fact, all structures as they exist upon or under the surface of the public streets. The custody of these plans was turned over to this department in 1892, and a certain amount of work has been done each year toward bringing them up to date. The amount of work which the available force of the office can do each year is so small that most of the plans are hopelessly behind. They had not been recently corrected when they were turned over to us, and they are further behind now than they were then. Imperfect as they are, they are constantly consulted, and they can never perhaps be made absolutely correct, as many streets in the older parts of the city contain structures of which there is no record. Under the present regulations it is possible to oblige all parties or corporations, having authority to use the public streets, to file plans of their structures, and it is a work of compilation to gather all the information into one plan of record. Until recently, it was necessary to gather most of this information from the street itself.

Unless means are provided by which more work can be done than is possible to do under the present conditions, the usefulness of these plans will diminish rapidly, and it will soon become a waste of effort to do anything upon them. An inspection of these plans has recently been made, and the following summary of their number and condition is given:

## City Proper.

Of this division of the city there are 50 sectional plans, on a scale of 50 feet to an inch. The plans are nearly worn out, and as nothing has been done on them for many years, they are incomplete, and are incorrect in many particulars. These plans are used constantly. New plans should be made on a scale of 30 feet to an inch, similar to the Roxbury and Dorchester sectional plans. This would increase the number of plans from 50 to about 150.

## Charlestown.

Of this division of the city there are 30 sectional plans, upon a scale of 30 feet to an inch. The set is incomplete, as 10 plans were either never made or have been lost. The plans are in good condition, so far as they go; but for several years nothing has been done upon them.

## East Boston.

Of this division of the city there are 37 sectional plans, upon a scale of 40 feet to an inch. Seven plans have either never been made or have been lost, and there are no plans of Breed's Island. The plans are in good condition.

## South Boston.

Of this division of the city there are 39 plans, upon a scale of 40 feet to an inch. Eleven plans required to complete the set have never been made. The plans are in good condition.

## Roxbury.

Of this division of the city there are 79 plans, upon a scale of 40 feet to an inch. Two plans are missing, and 12 additional plans are required to complete the set. Twenty-five of these plans are very much worn and should be replaced. With the exception of the missing plans, this set is correct to January, 1895.

## Dorchester.

Of this division of the city there should be 215 plans in the complete set. One hundred and six of the plans have been made, and are in good condition.

This district is growing rapidly, many new streets have been built since the plans were made, and many calls are made for the plans not yet made. These plans are upon a scale of 40 feet to an inch.

## West Roxbury.

Of this division of the city there are 34 sectional plans, upon a scale of 40 feet to an inch. The plans are in good condition, but nothing has been done upon them for some years. About 300 plans would be required to complete the set, but as portions of this district are thinly settled, 100 additional plans would probably be sufficient for the next ten years.

## Brighton.

Of this division of the city there are no sectional plans. There are 39 rolled plans, showing most of the principal streets, but nothing has been done upon these plans for many years. Sectional plans should be made of this district, the plans being made as needed. To make the complete set 120 plans would be required, upon a scale of 40 feet to an inch.

#### Summary.

The Roxbury set has been brought up to January, 1895, and some work has been done upon the South Boston and Dorchester sets. Each sheet, when corrected, is marked correct to the proper date in pencil. The remaining sheets have not been corrected for four years certainly, and it is unknown just when they were last corrected.

To maintain these plans in proper condition, a draughtsman and one assistant should be employed to take charge of them, to know all about them, to be responsible for their safe-keeping, to attend to people who desire to consult them, and to give their whole time to their correction. In one year, with the aid of such help as can be given by the remainder of the force in the winter, enough progress can be made to determine what the cost of keeping up such a set of plans will be, and it should then be settled whether it is worth while to continue to do so or not. The pay of a draughtsman and assistant, competent to do this work, at present rates, need not exceed \$1,600 per annum.

### BERWICK PARK FOOTBRIDGE, OVER PROVIDENCE DIVISION, NEW YORK, NEW HAVEN, & HARTFORD RAILROAD.

Plans and specifications for a retaining-wall on Follen street, and additions to the present retaining-wall on Berwick park, were prepared, and on June 21 a contract for doing this was concluded with Quimby & Ferguson for the sum of \$3,200. These retaining-walls form the supports of an iron footbridge similar to that over the railroad at Irvington street. The iron stairways and piers were furnished by the Boston Bridge Works, at a cost of \$1,200. The iron span is that formerly used at Franklin street, Allston; it was taken down, moved, and erected at Berwick park by the Boston Bridge Works for the sum of \$500.

## BOYLSTON-STREET BRIDGE, OVER BOSTON & ALBANY RAILROAD.

Iron railings have been erected on this bridge, and on one of the street retaining-walls. The work was done by the Boston Bridge Works from plans and specifications prepared by this Department.

## CHARLES RIVER BRIDGE.

This bridge, which was closed to team-travel on account of its dangerous condition, has been temporarily strengthened for the passage of light teams and foot-travel. The work was done by Trumbull & Ryan and the Bridge Division of the Street Department. The amount paid Trumbull & Ryan under their contract was \$2,909.94.

#### CHELSEA-STREET BRIDGE.

A contract was made with B. F. Nay & Co., on August 20, for removing the old bridge, including the draw and draw-pier, and rebuilding the entire pile bridge and drawpier, and on September 6 a contract was made with the Boston Bridge Works for building a steel swing draw. The work is so nearly completed that it is probable that the bridge will be opened for travel early in the present month.

# COTTAGE FARM BRIDGE, OVER THE BOSTON & ALBANY RAILROAD.

The abutments of this bridge have been extended to provide for a new bridge of a width equal to that of Commonwealth avenue at this point, and a retaining-wall built on the northerly line of Commonwealth avenue, between the northerly abutment and Essex street.

The plans and specification for this work were prepared by the Engineering Department, and the work done by Leavitt, Daily, & Crockett, for the sum of \$40,219.80.

Yours respectfully,

[Signed]

WILLIAM JACKSON, City Engineer.

# STREET OPENINGS.

Eighteen thousand five hundred and fifty-two permits were granted during the past year to open streets. The excavations made under these permits aggregate 198.8 miles in length, and show the extent of this work.

The Street Department has been accustomed to grant to the various gas and other companies, whose work would in certain cases admit of no delay, a so-called "emergency permit," which allowed excavations to be made without special permission being obtained, the only requirement being that a daily return of openings made under this form of permit should be forwarded to the office of the superintendent.

Two thousand five hundred and seventy-six openings of an average length of six feet each were made under "emergency permits" for breaks in water and gas pipes which were alleged to require immediate attention. These openings were made under 99 permits.

In addition to the above permits, various other permits have been issued to pedlers, mechanics, and others, for different purposes, 14,376 in number; making the total number of permits issued 32,928.

Mention was made in last year's report that real-estate owners are extremely careless in providing sewer and water connections for their several buildings, both old and new, in streets that are advertised to be improved and regulated, and frequently call for a permit to open for gas, water, or sewer connections soon after the department has put down a permanent pavement.

Such cases are of frequent occurrence. The blame is

usually shifted off on unnoticed negligence of the contractor or somebody else, while the utter uselessness of a building without gas or water is put forward in the plea for consent to the opening being made.

The only remedy would seem to be to demand the forfeiture of a sufficient sum of money to repay the department for the necessary labor of making the pavement good with its own force. If let off with any lighter concession, the chances are that repetitions of neglect will occur, and the pavement itself will not receive the full measure of care in replacement that the regulations stipulate.

## STREET-WATERING.

In 1891 for the first time the Street Department assumed the responsibility of watering streets on a more enlarged scale and on a different system. Numerous public hearings were given on the subject of street-watering before the work was started, but were productive only in stirring up opposition to the proposed plan of assessing the expense of watering upon the estates abutting on streets and portions of streets watered, in proportion to the linear feet of frontage of each estate.

This was decidedly objectionable to the residents of suburban districts. The residents of the outlying sections of the city contended that such assessments would be exceedingly heavy upon them, as their frontages are comparatively large and the value of the estates relatively small. The owners of unimproved property also felt that such an arrangement would be a burden upon them.

The objections resulted in the substitution for the proposed assessment of a yearly appropriation for street-watering to be met by the general tax-levy.

To satisfy the complaints from Back Bay and South End residents on account of the unreasonable prices hitherto charged for the work, these two sections were let out by contract, to be paid for by the city, and the rest of the macadamized portions were watered by day carts, also at the eity's expense. Paved streets, however, have been made the exception, and are still watered by private contractors at the abutter's expense on the subscription plan.

The results of the first two years were subjected to careful study, and adjustments in the distribution of the force and water-posts rendered the organization more efficient, until, with the modern equipments, the entire work was established on a more thorough and systematic basis.

The year 1894 was the driest and hottest season since this system of street-watering was inaugurated. With the humidity at 40, the thermometer at 90, and high winds, it was impossible at times to keep the dust down, and there were many days during the season when the atmospheric conditions were such that double the number of carts would have been necessary to manage and control the dust. The full force of carts was needed every day for a period including June, July, and part of August, an unusually long spell of dry weather.

The total number of miles of macadam streets watered this year was 296.66, an increase of 17.36 miles over last year. The contractors watered at the expense of the abutters 32.50 miles of paved streets. The total number of miles of macadam and paved streets watered was 329.56, an increase over the year previous of 20.83 miles. The paved streets of the city proper are quite free from dust and in a clean condition, from frequent sweeping.

The department feels that the original cost of paved streets and the extra care taken of them does not warrant their free watering.

The watering of paved streets by contractors has been so excessive at times that it was necessary to prohibit it after 4 o'clock P.M. in order that the pavements might dry out preparatory for the night sweeping.

When asphalt streets are flanked on either side by macadam streets, it is well-nigh impossible to keep them free from dust. Beacon street, for example, is intersected by sixteen (16) macadam streets, from the gutters of which more or less dirt and dust blows on to the asphalt, and in wet weather mud from the same is tracked on to the asphalt surface by both wheels and hoofs. Constant sweeping, supplemented by occasional light sprinkling with fresh water, is the only proper treatment for asphalt paving, although this course has not obtained the past year.

Street-watering was begun this year on March 6 (last year March 19) and continued until December 1. A few carts were out on December 20 and 22. They could have been used oftener in this month, but the temperature would not permit. Streets cannot be watered if the thermometer is below  $34^{\circ}$ .

On August 10 both roadways of Commonwealth avenue were deducted from the contract because of construction, and were not watered from then to the end of the season.

To improve and facilitate the street-watering 24 new stand-pipes were erected. Much time is saved by establishing stand-pipes at convenient intervals, and more effectual watering can be done when the distance to obtain fresh supplies of water is not great.

The old style copper sprinklers have vanished and modern styles have taken their places.

The following table shows the changes that have been effected in the style of watering-carts during the past two years :

|      | Old Copper. | Studebaker. | Abbott-<br>Downing. | Potter Patent. | Miller<br>Knoblock. |     |
|------|-------------|-------------|---------------------|----------------|---------------------|-----|
| 1892 | 61          | 4           | 16                  | 27             |                     | 108 |
| 1894 |             | 59          | 30                  | 18             | 2                   | 109 |

Summary of Day Work paid for by the City.

| No. | District.    | No. of earts<br>hired by day. | No. teams<br>owned by city. | No. miles<br>covered. | Average miles<br>per day per<br>cart. |
|-----|--------------|-------------------------------|-----------------------------|-----------------------|---------------------------------------|
| 1   | South Boston | 9                             |                             | 22.80                 | 2.53                                  |
| 2   | East Boston  | 7                             |                             | 17.61                 | 2.52                                  |
| 3   | Charlestown  | 7                             |                             | 15.00                 | 2.14                                  |
| 4   | Brighton     | 11                            | 2                           | 32.00                 | 2.46                                  |
| 5   | W. Roxbury   | 15                            | 2                           | 58.66                 | 3.45                                  |
| 6   | Dorchester   | 16                            | 1                           | 56.99                 | 3.35                                  |
| 7   | Roxbury      | 18                            | ••••                        | 53.04                 | 2.95                                  |
| 8   | Back Bay     | 3                             |                             | 5.85                  | 1.95                                  |
| 9   | Beacon Hill  | 2                             |                             | 4.21                  | 2.10                                  |
| 10  | South Yard   | 2                             |                             | 5.04                  | 252                                   |
|     |              |                               |                             |                       |                                       |
|     | Totals       | 90                            | 5                           | 271.20                | 2.85                                  |

This summary shows that ninety carts hired by the day and five carts owned by the city watered 271.20 miles of streets daily for the season. Last year ninety-four carts watered 257.45 miles of streets.

The cost of day and city work, exclusive of supervision, was \$229 per mile, or \$62,192.50, as against \$298 per mile and a total of \$76,725 last year.

The carts averaged 2.85 miles of streets per day as against 2.74 miles last year. Watering was commenced on March 6, and continued until December 1, although in Back Bay, streets were watered on December 20 and 22.

| DISTRICTS. | Contractors.  | Carts. | Miles.   | Cost.       |
|------------|---------------|--------|----------|-------------|
| Back Bay   | M. E. Nawn    | 9      | 11.78003 | \$6,696 02  |
| South End  | O. Nute & Son | 41     | 9.18760  | 5,128 15    |
| Totals     |               | 131    | 20.96763 | \$11,824 17 |

## Summary of Contract Work paid for by the City.

This table shows that thirteen and a half carts were used by the contractors to water 20.96763 miles of streets.

The Back Bay was watered with fresh water entirely this year. In the South End salt and fresh water were used, as last year.

The contract price in the Back Bay was \$575 per mile for fresh water. The price paid for the work in the South End was \$630 per mile for salt water and \$460 per mile for fresh water.

Work done by Contractors at the Expense of the Abutters.

| DISTRICT.                | Contractors.             | Carts.        | Miles. |
|--------------------------|--------------------------|---------------|--------|
| City Proper              | Daniel Clark             | 3             | 3.67   |
| City Proper              | Potter Bros              | 5             | 8.75   |
| City Proper              | Proctor Bros. & Billings | 5             | 7.25   |
| City Proper              | O. Nute & Son            | $\frac{1}{2}$ | 1.50   |
| East Boston              | J. H. Fitzpatrick        | 1             | 2.00   |
| Charlestown              | W. H. Quigley            | 1             | 2.00   |
| Roxbury and South Boston | H. P. Cook & Co          | 3             | 651    |
| Roxbury                  | William Gilligan         | 1             | 1.25   |
| Totals                   |                          | 191           | 32.93  |

The above work was done for, and at the expense of the abutters. The streets watered are all paved. The table shows that with 19½ carts these contractors watered 32.93 miles of streets in the City Proper, South Boston, East Boston, Charlestown, and Roxbury.

This is an increase over last year of 1½ carts and 3.50 miles of streets.

| NAME                     | Carts.        | Miles. |
|--------------------------|---------------|--------|
| Proctor Bros. & Billings | 1             | 1.64   |
| Potter Bros              | $\frac{1}{2}$ | .94    |
| Daniel Clark             | $\frac{1}{2}$ | .86    |
| H. P. Cook & Co          | $\frac{1}{4}$ | .52    |
| Gilligan Bros            | $\frac{1}{4}$ | .54    |
| Totals                   | 21            | 4.50   |

Work done by the Contractors Free of Cost to the City.

This summary shows that five contractors with  $2\frac{1}{2}$  carts watered 4.50 miles of streets free of cost to the city on return for the privilege of watering paved streets for the abutters.

The Superintendent of Streets required that they agree to this watering before granting them permits which ensures them the exclusive right of soliciting watering patronage from paved streets within certain defined limits, with the privilege of using the city stand-pipes and water.

| No.      | DISTRICT.      | Miles, day work.   | Miles, contract work. | Total miles. |
|----------|----------------|--------------------|-----------------------|--------------|
| 1        | South Boston   | 22.80              |                       | 22.80        |
| <b>2</b> | East Boston    | 17 61              |                       | 17.61        |
| 3        | Charlestown    | 15.00              |                       | 15.00        |
| 4        | Brighton       | 32.00              |                       | 32 00        |
| 5        | West Roxbury . | 58.66              |                       | 58.66        |
| 6        | Dorchester     | 56 99              |                       | 56.99        |
| 7        | Roxbury        | 53.04              |                       | 53.04        |
| 8        | Back Bay       | 5.85               | 11.78                 | 17.63        |
| 9        | Beacon Hill    | 4.21               |                       | 4.21         |
| 10       | South Yard     | 5.04               | 9.18                  | 14.22        |
|          | Totals         | 271.20             | 20.96                 | 292.16       |
|          |                | or about           | or about              |              |
|          |                | 3,579,857 sq. yds. | 459,384 sq. yds.      |              |

Summary of Work done which was paid for by the City.

Cost of day and city work, exclusive of supervision, \$229.32 per mile.

Cost of contract work, exclusive of supervision, \$564.13.

The apparent discrepancy between the cost of day work and that of contract work is accounted for by the fact that the contract watering obtained only in the South End and Back Bay Districts, where the streets are generally wide, and were partly watered with salt water.

The slight excess in cost per mile of contract work over last year was due to an early start in watering. The contractors are paid by the day for work done in March and December, the season extending, as per contract, from April 1 to December 1. The cost of contract, day, and eity work was \$74,016.67. This expense is the cost exclusive of supervision, water-posts, repairs, etc. Water was furnished by the Boston Water Board at no expense.

| Distribution | of | Carts, | showing | Entire | Amount | $\mathbf{of}$ | Work |
|--------------|----|--------|---------|--------|--------|---------------|------|
|              |    |        | done.   |        |        |               |      |

| <br>No.  | DISTRICT.      | V<br>Oitr conto | Hired carts. | Contractors'    | Total.         | Miles. |
|----------|----------------|-----------------|--------------|-----------------|----------------|--------|
|          | DISTRICT.      | City carts.     | Hireu carts. | carts.          | rotar.         | Miles. |
| 1        | South Boston   |                 | 9            | 1               | 10             | 24.55  |
| <b>2</b> | East Boston    |                 | 7            | 1               | 8              | 19.61  |
| 3        | Charlestown    |                 | 7            | 1               | 8              | 17.00  |
| 4        | Brighton       | 2               | 11           |                 | 13             | 32.00  |
| 5        | W. Roxbury     | 2               | 15           |                 | 17             | 58.66  |
| 6        | Dorchester     | 1               | 16           |                 | 17             | 56.99  |
| 7        | Roxbury        |                 | 18           | 3               | 21             | 59.05  |
| 8        | City Proper    |                 | 7            | 27              | 34             | 57.23  |
|          | Free Watering. |                 |              | $2\frac{1}{2}$  | $2\frac{1}{2}$ | 4.50   |
|          |                |                 |              |                 |                |        |
|          | Totals         | 5               | 90           | $35\frac{1}{2}$ | 130½           | 329.59 |

Money Expended, 1894.

\$6,531 37 5,673 99 5,360 97 9,819 20 12,750 08 12,622 32 12,757 40 21,653 75 \$87,169 08 Totals. \$560 92 \$560 92 Sundries. Horse-bire. \$682 04 \$782 04 New carts. \$906 05 2 \$906 05 ..... Water-posts. 75 381 18 538 42 5225\$2,050 60 \$59 42 04 0226244 189 308267÷ 45 \$8,572 80 4545 451,318 90 90 88 32Labor. \$659 1,318 1,318 1,978 659 629 659 50505,055 00 \$58,900 00 Hired carts. 4,752 50 7,587 50 9,805 00 10,100 00 11,130 00 4,657 \$5,812 ....... • • • • • • • ........ ........... .... 33,29250 1 12,10417Contractors' carts. \$12,104 17 City Proper..... \$1,382 50 1,245 00 City carts. 665 00 West Roxbury... ••••• Brighton ..... Charlestown ... South Boston. East Boston.. Dorchester... DISTRICT. Roxbury... Total No. 3 9 8 \$ 10 1--4

<sup>2</sup> One new Studebaker included.

1 \$280 due from last year.

CITY DOCUMENT No. 34.

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The following table shows the amount expended in streetwatering by the city for the last seventeen (17) years :

| 1878 |   |   | \$23,595 02    | 1887 | • |   | \$51,365 73    |
|------|---|---|----------------|------|---|---|----------------|
| 1879 |   | • | 26,747 18      | 1888 |   | • | 40,586 58      |
| 1880 |   |   | 33,306 $95$    | 1889 | • | • | 47,837 46      |
| 1881 |   | • | $36,\!178\ 24$ | 1890 |   | • | 57,967 $34$    |
| 1882 |   |   | 45,797 00      | 1891 | • | • | 104,263 $62$   |
| 1883 |   |   | 53,502 29      | 1892 | • | • | 94,507 $80$    |
| 1884 |   | • | 34,518 $47$    | 1893 |   | • | $99,\!430\ 16$ |
| 1885 |   | • | 43,854 $68$    | 1894 | • | • | 87,169-08      |
| 1886 | • |   | 44,940 35      |      |   |   |                |

# WATER-POSTS OR STAND-PIPES.

In order to improve the watering service this year twentyfour new stand-pipes were erected in different parts of the city. Seven stand-pipes were reëstablished for various causes, principally on account of new streets, and new buildings being constructed where the pipes were formerly ocated.

The following table shows the locality of the pipes by districts :

| District.    | 1891. | 1892. | 1893. | 1894. | Increase<br>over<br>1893. |
|--------------|-------|-------|-------|-------|---------------------------|
| South Boston | 23    | 25    | 27    | 27    |                           |
| East Boston  | 16    | 23    | 28    | 32    | 4                         |
| Charlestown  | 19    | 19    | 20    | 20    |                           |
| Brighton     | 25    | 39    | 42    | 44    | 2                         |
| West Roxbury | 50    | 59    | 60    | 65    | 5                         |
| Dorchester   | 61    | 72    | 75    | 82    | 7                         |
| Roxbury      | 53    | 60    | 65    | 68    | 3                         |
| City Proper  | 24    | 42    | 45    | 48    | 3                         |
| Totals       | 271   | 339   | 362   | 386   | 24                        |

An increase of 115 stand-pipes since 1891.

### INCOME.

The Watering Division during the year watered streets in front of 106 school-houses, 14 police stations, and 28 enginehouses. In addition to the number cited we watered around several school-houses in course of construction.

The following sums were charged for street-watering:

| Board of Pol  | lice .      |        |      |        |      |   | \$192 | 57 |
|---------------|-------------|--------|------|--------|------|---|-------|----|
| Engine-hous   | es .        |        |      |        |      |   | 411   | 95 |
| Louisburg so  |             |        |      |        |      |   | 100   | 00 |
| Marcella-stre |             |        |      |        |      |   | 28    | 00 |
| Homeopathi    | e Hospital  |        |      |        |      |   | 105   | 00 |
| Dispensary I  | Hospital    |        |      | •      |      |   | 12    | 25 |
| Fairfax and   |             |        | ts   |        | •    |   | 50    | 00 |
| Section, Was  | shington st | treet, | Jama | ica Pl | lain |   | 7     | 00 |
| · ·           | C           | , i    |      |        |      | - |       |    |
| Total         | • •         |        |      |        |      |   | \$906 | 77 |

Owing to lack of appropriation the School Board last year refused to pay for the watering in front of their schoolhouses.

The Boston Water Board, by its uniform promptness in furnishing new posts, in turning on or shutting off water, and in many other ways, has rendered the division much assistance during the year.

Mr. J. W. Smith, the Local Forecast official, offered valuable help by the mailing of weather maps twice a day and the furnishing of weather records.

# SANITARY DIVISION.

The work of the Sanitary Division includes the removal of house-offal and the removal of house and store dirt and ashes, accumulated from the burning of materials for heating buildings and for domestic purposes.

The following table shows the number of loads of offal collected and removed in the last eleven (11) years :

Service and

Amount of House-Offal Removed.

| Year.      |   |     |   |   |   |   |   | No. of Loads. |
|------------|---|-----|---|---|---|---|---|---------------|
| 1884       |   | •   |   | • |   |   |   | 28,520        |
| 1885       | • |     | • | • |   |   |   | 31,206        |
| 1886       |   | •   |   |   |   |   |   | $33,\!170$    |
| 1887       |   | • , |   |   |   |   |   | 36,724        |
| 1888       |   |     |   | • |   |   |   | 37,409        |
| 1889       |   |     |   |   |   | • |   | 40,183        |
| 1890       |   | ۰.  |   | • |   |   | • | 40,525        |
| $1891^{1}$ |   |     |   |   | • |   | • | 46,742        |
| 1892       |   |     |   | • | • |   |   | $46,\!343$    |
| 1893       |   |     | • | • |   |   |   | 51,415        |
| 1894       | • |     |   | * |   | • |   | 50,637        |
|            |   |     |   |   |   |   |   |               |

Each load of offal is equivalent to fifty-seven (57) cubic feet, and weighs one and one-half  $(1\frac{1}{2})$  tons at certain seasons of the year, at others less.

The above table does not include previous to the year 1893 the amount collected by contract in East Boston and Brighton, which amounted to about 5,100 loads per year. Of the amount (50,637 loads) collected during the year 1894, 3,720 loads were collected by the East Boston contractor, 1,539 loads were collected by the Brighton contractor, and 3,296 loads were collected by the Dorchester contractor, leaving 42,082 loads collected by city teams.

The collection of this material is attended to in winter by an average regular force of 75 city offal carts and 163 men, and on contract work 16 offal carts and 32 men; making a total of 91 offal carts and 196 men. At different times, and especially in summer, an approximate extra force of 21 teams and 42 men are employed.

The disposal has been made during the year in the following manner: The offal from the markets, and offal that is decayed, is put on board a scow and towed to sea; the offal of Charlestown is taken to the yard at Malden bridge and then disposed of to farmers; the offal of East Boston is collected by contractors, and is removed to Revere; the offal of the City Proper and South Boston is conveyed to the yard at the South End, and disposed of to farmers, who remove it daily; the offal of Roxbury and West Roxbury is conveyed to the yard on Highland street, and disposed of to farmers; a portion of the collections of West Roxbury is collected and sold to one man, who in turn sells it in Dedham; the offal of Brighton is collected by contract and disposed of outside of the district; and the offal in Dorchester has begun to be disposed of at the Gibson-street yard, where it is reduced by a process patented by the New England Construction Company, a description of which was given in the report of 1893.

This plant has been in operation for so little time that no judgment can at this writing be passed upon its efficiency from a sanitary point of view. It is designed to provide for the disposal of 20 tons daily, and can undoubtedly take care of a somewhat larger amount. Every detail is well constructed, and the general appearance of the buildings is suggestive of neatness and cleanliness. The actual results obtained will doubtless be of interest, and will appear in a future report.

| YEAR.             | Total amount<br>collected. | Amount sold.  | Amount dumped<br>on scow and<br>towed to sea or<br>wasted. | Per cent. wasted<br>to total<br>collection. | Amount of re-<br>ceipts from<br>sales. |  |  |
|-------------------|----------------------------|---------------|------------------------------------------------------------|---------------------------------------------|----------------------------------------|--|--|
| 1891 1            | <sup>2</sup> 42,616 loads. | 40,492 loads. | 2,124 loads.                                               | 5 per cent.                                 | \$30,672 65                            |  |  |
| 1892 <sup>2</sup> | 46,343 ''                  | 30,773 ''     | 15,570 ''                                                  | 33 ** **                                    | 21,282 82                              |  |  |
| 1893 3            | 46,276 ''                  | 30,824 ''     | 15,363 ''                                                  | 30 '' ''                                    | 20,790 03                              |  |  |
| 18944             | 42,082 ''                  | 37,057 ''     | 5,025 ''                                                   | 12 " "                                      | 26,262 40                              |  |  |

Collection and Disposal of Offal.

January 21, 1895, New England Construction Company commenced to reduce the offal collected in the Dorchester District, and a temporary agreement was made with the con-

<sup>1 2 3</sup> Twelve months. Above table does not include contracts in East Boston and

Brighton. <sup>4</sup> In East Boston, 3,720 loads; Brighton, 1,539 loads; Dorchester, 3,296 loads; total, 8,555 loads, — collected during 1894 are not included in above table. For 1891 and 1892, East Bos-ton and Brighton were estimated at 5,100 loads.

tractor for that district whereby he should continue the collection and deliver all the offal collected at the Gibson-street yard, and that he should be paid for the same on the basis of day-work.

The following table shows in convenient form the full force engaged in the collection of offal alone throughout the entire city :

| CITY FORCE.  | Hired  | Cont      | Total.               |   |        |     |
|--------------|--------|-----------|----------------------|---|--------|-----|
| CITT FORCE.  | teams. | E.Boston. | E. Boston. Brighton. |   | r otun |     |
| Subforemen   | 2      |           |                      |   | 1      | 3   |
| Offal clerks | 2      |           |                      |   |        | 2   |
| Teamsters    | 65     | 10        | 6                    | 3 | 7      | 91  |
| Helpers      | 71     | 10        | 6                    | 3 | 7      | 97  |
| Dumpers      | 3      |           |                      |   |        | 3   |
| Totals       | 143    | 20        | 12                   | 6 | 15     | 196 |

THE FORCE EMPLOYED.

The problem of a speedy disposal of offal without waste has not as yet been successfully solved by any large municipality. The attention given to it in the last five to ten years shows to what extent its importance has impressed itself upon the public mind, while in large cities of the interior, like Buffalo, Cleveland, Chicago, and St. Louis, the element of hasty extinction seems more desirable than any utilitarian consideration, and therefore destruction by fire is in great preference in Chicago, at least; yet the fact remains that no satisfactory plant has been established in either of these large cities that could be run either on a self-supporting basis or at a sufficiently low cost to guarantee its permanency, and at the same time be free from public condemnation and criticism. Crematories appear too costly, as a rule, reduction processes too offensive, due either to the use of objectionable reducing agents, or to undesirable odors from both the liquid and solid products of the reduction. The point of collection is generally the seat of complaint, because of failure to dispose of the collections promptly, and to properly wash out the offal wagons.

In some cases the city has had to come to the relief of the contracting corporations, and either contribute both the collected offal and all the animal-matter, or step in and run the whole plant itself. Various experiments have been tried, and are being tried, and progress for the better can be reported; but the successful solution will only come when a truer knowledge of real facts is obtained, and the exact cost of every detail is carefully examined, not under the light of hasty and misleading comparisons between cities, ignoring the many differences in local conditions and requirements that always exist in different localities, but under the light of a comprehensive judgment that is seeking, only on the basis of sound and conservative reasoning, to establish a healthful method of treatment consistent with the demands of a growing population, and utterly void of all glittering suggestions of a sudden and mysterious fortune for an irresponsible inventor. Profit should be of secondary consideration, public health of the first.

#### REMOVAL OF ASHES.

The removal of ashes, house and store dirt, has been attended to during the year by a minimum force of 207 men and 88 city carts, also by 5 carts with an East Boston contractor, and 9 by the South Boston contractors, 5 carts by a West Roxbury contractor, and 8 carts by the Dorchester contractors. At different times, and especially during the winter months, an additional force of 50 teams and 100 men are employed.

This work shows a constant increase from year to year, as will be seen in the following table, and is an indication of the actual growth of the city :

| Amoun       | T OF | As | HES, | House | AND | STORE | Dirt | Removed.         |
|-------------|------|----|------|-------|-----|-------|------|------------------|
| Year.       |      |    |      |       |     |       |      | Number of Loads. |
| 1882        |      |    |      |       |     |       |      | 159, 197         |
| 1883        |      |    |      |       |     |       |      | 169,610          |
| 1884        |      |    |      |       |     | •     |      | 182,642          |
| 1885        |      |    |      |       |     | •     |      | 193,734          |
| 1886        |      |    |      |       |     |       |      | 209,129          |
| 1887        |      |    |      | •     |     |       |      | 220,186          |
| 1888        |      |    |      |       |     |       |      | 233,514          |
| 1889        |      |    |      |       |     |       |      | $227,\!325$      |
| 1890        |      |    |      |       |     | •     |      | 245,730          |
| $1891^{-1}$ |      |    |      |       |     |       |      | 313,464          |
| 1892        |      |    |      |       |     |       |      |                  |
| 1893        |      |    |      |       |     |       |      | 320,571          |
| 1894        |      |    |      |       |     | •     |      | 326,798          |

Each load of ashes contains about 40 cubic feet.

The following table shows the disposition of this material from February 1, 1894, to February 1, 1895, together with the amount of house-offal and the portion of street-sweepings that were disposed of by the Sanitary Division :

|                              | Amount col-<br>lected. | Deposited<br>on low<br>lands. | Towed to sea. | Collected<br>by con-<br>tractors. | Sold to farmers. |  |
|------------------------------|------------------------|-------------------------------|---------------|-----------------------------------|------------------|--|
|                              | Loads.                 | Loads.                        | Loads.        | Loads.                            | Loads.           |  |
| Ashes, house and store dirt. | 326,795                | 164,833                       | 95,779        | 66,186                            |                  |  |
| House-offal                  | 50,637                 |                               | 5,025         | 1 8,555                           | 37,057           |  |
| Street.sweepings             | 30,478                 |                               | 30,478        |                                   |                  |  |
| Cesspool dirt                | 1,376                  |                               | 1,376         |                                   |                  |  |
|                              | 409,289                | 164,833                       | 132,658       | 74,741                            | 37,057           |  |

<sup>1</sup> This amount is included in the amount collected, 50,637 of the 8,555; 3,720 loads were collected in East Boston, 1,539 in Brighton, and 3,296 in Dorchester.

| Comparative | Statement   | of  | Number  | of  | Loads   | of | Ashes  | collected |
|-------------|-------------|-----|---------|-----|---------|----|--------|-----------|
| during 16   | Weeks of th | e S | ummer a | ınd | 16 Weel | ۲S | of the | Winter.   |

| Summer.                       | Loads. | Winter.                        | Loads.  | Difference<br>for Winter. |
|-------------------------------|--------|--------------------------------|---------|---------------------------|
| May 4, 1889, to Aug. 23, 1889 | 60,609 | Nov. 30, 1889, to Mar. 1, 1890 | 82,866  | 22,257                    |
| ··· 2, 1890, ·· ·· 21, 1890   | 65,239 | ··· 1, 1890, ·· ·· 13, 1891    | 93,660  | 28,421                    |
| ·· 2, 1891, ·· ·· 21, 1891    | 76,625 | Oct. 31, 1891, " Feb. 19, 1892 | 100,223 | 23,598                    |
| Apr. 30,1892, " " 19, 1892    | 82,034 | ·· 30, 1892, ·· ·· 12, 1893    | 106,772 | 24,738                    |
| ·· 29, 1893, ·· ·· 18, 1893   | 91,721 | ·· 28, 1893, ·· ·· 16, 1894    | 106,851 | 15,130                    |
| " 27, 1894, " " 16, 1894      | 88,865 | ·· 25, 1894, ·· ·· 7, 1895     | 116,915 | 28,050                    |

The department in this city insists on a complete separation of offal and ashes. Receptacles containing both are not removed. The necessity of such separation is so obvious that no discussion is necessary. Other cities are recently following the example set by Boston.

The total expenditures of the division on account of offal and ashes, stock, etc., were \$484,012.80.

## SEWER DIVISION.

The past year has been one of unusual activity on the part of this division. The city has built with its own labor and by contract 90,802.77 linear feet of sewers, and designed and inspected 24,877.05 linear feet for private parties building under release; making a total for the year of 115,679.82 feet, or nearly twenty-two miles, which is about eight miles more than an average year. The total mileage of sewers now built is 384.72, of which 22.59 miles are intercepting sewers. Many new catch-basins and culverts have been built and old ones repaired. Over twenty miles of sewers have been cleaned and flushed, and 19,652.55 cubic yards of sludge removed from various catch-basins.

Under Chap. 323 of the Acts of 1891, as amended by Chap. 402 of the Acts of 1892, the Board of Street Commissioners had laid out a number of streets, and this division has built, by contract, in eight different streets, all the sewers, catch-basins, and house-drains which will ever be required, carrying the latter out to the curb-line. In the case of some unusually wide streets, it is the custom to build a sewer on each side of the street close to the curb, it having been found cheaper to do this than to build so many long house-drains. The object of building all these drains at one time is to make it feasible to preserve the street surface from the destructive effect of the constant digging of trenches for the laying of drains to connect the houses with the sewers.

The water and gas mains and house connections have been laid in these streets in the same manner and for the same reason.

In designing sewers for a large city, provision must be made not only for house sewage, but also for as much of the rainfall as will naturally find its way into the sewer system. The determination of the amount of house sewage is not complicated, as it is usually taken as about equal to the water supply of a given district. The size of the sewer is made to correspond with the maximum flow that occurs during the six hours of the day when the water supply is the greatest.

The care of the rainfall or the determination of the pro-

portion of rainfall that should be provided for in the sewer design is a much more complicated problem, and has so often been carelessly computed or left out of consideration, that the present generation is obliged to make up for the omissions of former engineers.

While the oldest inhabitant can tell of severe rain-storms that occurred years ago, no definite idea of their intensity can be gathered from the general terms of their description. Not until within recent years have rain-gauges been in use that would determine, except in a crude way, the amount of rainfall in a given time. When one looks for the records locally, he is surprised to find so little data adapted to the particular locality under consideration.

As far as Boston and vicinity is concerned, we are very much indebted to Mr. Desmond FitzGerald for the most careful records of both the water supply and the rainfall, together with a compilation of all the available data from different sources near this city. His records, taken with an automatically registering rain-gauge, show not only the total rainfall, but what is more essential, the rate of rainfall during the period of heaviest constant fall, which in reality determines the maximum flood discharge in sewers and watercourses. Diagrams of these rainfalls have been published Recent study of in previous reports of this department. this subject by eminent engineers has, through the published records of the profession, thrown much light on this question, and led to a much more intelligent judgment in all constructive design. The difference between the congested city area and the suburban area is fully appreciated, — the one with its impermeable pavements, brick sidewalks, and slated roofs, delivering with great rapidity the entire rainfall to the catch-basins and sewers; the other uncovered, porous in nature, drinking up with avidity the first downfall of rain, until saturated, or the "drainage vehicle" is established, when it then begins to deliver to the sewer system. After taking into consideration all these facts, and determining to a nicety the sizes of sewers, storm-drains, culverts, and overflows, and so regulating the same that no injudicious expenditure of money shall be made by building too large or prematurely, and no injury shall ensue by building too small, the working success of the design is nevertheless largely interfered with, because of the disregard of public good on the part of private owners of land, who fail entirely to appreciate the part in such design that natural water-courses play, and also fail to recognize that the law of equity demands that they be sacredly maintained, instead of being blotted out of sight.

The following statement of facts, as given by the Engineer of Sewer Division, Mr. E. S. Dorr, shows the tendency of the day, and is worthy of the careful consideration of all who have the general welfare and the general ultimate and permanent success of all our public works at heart :

### SURFACE DRAINAGE.

"The subject of the proper disposal of the surface water in the suburban districts of the city is one of increasing importance.

"While the sewers in the City Proper, East and South Boston, and Charlestown are, in the main, large enough to carry both the sewage and surface water, those of the outlying districts are altogether too small to take the surface water, the areas to be drained being enormously larger than in the districts first mentioned. As the sewer system has been extended, year by year, into these outlying districts, the sizes designed have been but little larger than what was necessary to serve the needs of the district at the time of building. For many reasons this policy has been unavoidable; the size of outlets limits the size of extensions, and scarcity of funds often makes it imperative to build a sewer smaller than good judgment would dictate, in order to reach some community where the public health is endangered for lack of sewerage.

"In many cases it would be not only financially impracticable but would show bad business judgment to sink large sums of money in building sewers large enough for all time, when the development of the district is uncertain or likely to be slow. The result of these various causes is, that the sewer system in Dorchester, West Roxbury, Brighton, and parts of Roxbury, while large enough in general to take care of the house sewage and the street water during light rains, is totally inadequate to carry off the surface water of heavy rains.

"A few instances are here arranged in tabular form to show the discrepancy between the capacity of the sewer and the storm flow from the district which it serves, the first column giving the names of the street in which the sewer lies, the second the capacity of the sewer in cubic feet per second, the third the size of the district in acres, and the fourth an estimate of the storm flow from the district :

### STREET DEPARTMENT.

| STREET.                                 | Capacity in<br>cubic feet<br>per second. | Acreage. | Storm duty,<br>cubic feet<br>per second. |  |
|-----------------------------------------|------------------------------------------|----------|------------------------------------------|--|
| Keyes street, Call to South street      | 45                                       | 500      | 150                                      |  |
| Centre street, South to Orchard         | 33                                       | 230      | 92                                       |  |
| Washington street, Keyes to Morton      | 25                                       | 1,000    | 300                                      |  |
| Roslindale Main Sewer, Dudley to Albano | 34                                       | 670      | 201                                      |  |
| Cohasset to Washington                  | 60                                       | 720      | 216                                      |  |

#### WEST ROXBURY DISTRICT.

#### DORCHESTER DISTRICT.

|                                                            | 1  |       | 1   |
|------------------------------------------------------------|----|-------|-----|
| Talbot avenue, Bernard to Washington                       | 20 | 550   | 165 |
| Granite avenue, Adams street to Neponset<br>River.         | 25 | 470   | 140 |
| Centre street, Washington street to Mel-<br>bourne street. | 25 | 950   | 240 |
| Gibson street, Dorchester avenue to Adams street.          | 30 | 1,100 | 280 |
| Adams, Park, Clayton, and Commercial                       | 30 | 1,300 | 350 |

#### BRIGHTON DISTRICT.

| North Beacon street                            | 35 | 305 | 110 |
|------------------------------------------------|----|-----|-----|
| Washington street, Market to Cambridge street. | 6  | 94  | 50  |
|                                                |    |     |     |

"The difference between the capacity and duty is being carried by the water-courses and by running the sewers under a head, often with floodings in consequence.

"The figures given above represent the flow which may be expected from a rainfall at the rate of an inch per hour, and the discharge of storm water from the districts even with this rainfall will increase with the development by 20% and over; heavier rains, which occur at intervals of a few years, will yield vastly more.

"The state of things is growing constantly worse as the city grows, because, as new streets and houses are built, the proportion of impervious surface, from which the rain runs off rapidly, is being increased, causing the rainfall upon any given area to be concentrated and discharged in less time than in former years.

"The inadequacy of the sewer systems to carry the storm water becomes, therefore, more apparent every year as this change in the character of the surface of the ground goes on. It is also apparent that it becomes correspondingly important to preserve and improve the natural water-courses to serve as carriers of the bulk of these floods, as the alternative to this is practically to rebuild the whole sewer system of the suburban districts upon a larger scale.

"In other words, we shall be compelled to regard our sewers as part of a partially separate system, although they were built and have been used upon the combined principle.

"By confining the sewers to the duty of carrying the house sewage and the discharge from a limited number of catchbasins only, they will prove in most cases large enough, while the natural water-courses, supplemented by surface drains in the streets, will have to be developed into a system for carrying away the storm water.

"It is also important to keep as much surface water as possible out of the sewer system, for the additional reason that all water, whether sewage or rain water, has to be lifted by the pumps of the intercepting system.

"But however much those whose business it is to care for the city's interest may be impressed with the importance of preserving the water-courses, it is very difficult to impress the general public with its importance. This department is constantly involved in contests with land-owners who are filling up and obliterating these water-courses, heedless of well-defined channels or conspicuous street culverts. And here comes in play that discouraging phase of human nature, in consequence of which men, who are honorable in their dealings with their fellows, seem to be able to make use of a much lower code of morals when they come to deal with that impersonal entity called the city.

<sup>6</sup> Although it may be explained to them that their course will entail upon the city in a few years an enormous expense for rebuilding the sewers of larger size, and although the law is perfectly clear that no man has a right to obstruct a natural water-course and thereby damage his neighbor, still their personal gain outweighs these theoretical considerations, and they will persist in obliterating the channel, and will bring every political and other influence to bear to the end that the water which should flow in that channel be turned into the sewer, and have in many cases succeeded.

"No one can pretend that the land speculator suffers any

hardship by not being allowed to improve his lot in this manner, because the depreciation in the value of the land caused by the presence of the water-course has undoubtedly been discounted in the purchase price in every transfer through which it has passed, and certainly no one can claim that he has any moral right to the increment of value added thus at the city's expense. Unfortunately, his legal right to it is clear if he can get the thing done, and therein lies the temptation.

"Now, the city's interest is such a vital one in this matter that it cannot afford to remain passive: its course must be more aggressive in the future, or many of the most important of these water-courses will be 'practically obliterated within a few years, as a perusal of the paragraphs describing their present condition (which will be given later) will prove.

"The law, as it-stands, gives the city no rights which are at all commensurate with its interest in the matter.

The city's obligation is to keep a good and sufficient culvert in operation on every water-course which crosses a public street.

"If an abutter upon a water-course starts filling it in, the eity can take no action until actual damage has resulted from flooding the street.

"This is the sum total of the city's duties and rights in regard to these channels.

The city should be given the right, by virtue of its interest, to prevent the obliteration of these channels, by notification and the imposition of suitable fines; this would require the action of the Legislature. This right would serve to keep some kind of a channel open; but even this is not sufficient, as it would result in leaving to every abutter the right to build such a channel as he might desire without any uniformity of size or material, whereas a channel, to be an efficient carrier of water, should be fairly uniform as to size and grade.

"All cities build sewer systems and assess a portion of the cost upon those benefited, instead of leaving it to be done by individuals, by mutual agreement, because that is the only practicable way to secure a working system; there is just as much reason for doing the same thing in the case of a system of surface drainage. In very many cases it is now necessary to improve the channel of water-courses by deepening, widening, and straightening. Before the city can do this work it must at present make formal takings and pay land damages.

"It must then assume the whole cost of the work, as it has

no power to assess. The land-owners meanwhile reap all the benefit, the value of lands abutting upon such a stream being enhanced enormously by such operations, being oftentimes converted from swamps into available building lots.

"If the city's right to secure the preservation of these water-courses could be clearly established by legislative action, as proposed above, then damages could not be proven in case the city made improvements upon them; this being so, the necessity for making takings would in most cases be avoided, by obtaining easements by agreement with the landowners for such locations for the channels as the land-owners might prefer in order to enable them to cut up their land into building lots to the best advantage. If, in addition, the city were given the right to assess such proportion of the cost of improvement upon abutting lands as the Legislature might deem fit, the vexed question of maintaining an adequate system of surface drainage, as a necessary adjunct to the sewer system, would be in a fair way to be settled upon an equitable basis.

"A brief review of the present condition and needs of some of the principal natural water-courses of the city may prove instructive.

#### DORCHESTER DISTRICT.

"Tenean brook is the natural outlet for the drainage of a valley of about 800 acres. The advisability of improving its channel in order to afford relief to the overcrowded sewer. systems in Park and Gibson streets was discussed in the Report for 1892, page 112 (to which reference is made), and the approximate cost stated as \$125,000, covering the main brook and its northern branch from the outlet at Mill street to Park street near the West End car-houses. An extension of the improvement of about 700 feet would reach and drain the 'Clay Pits,' so called, of which particular mention was made in the report of the committee of the Common Council on Dorchester marsh lands, made January 3, 1895. This would cost about \$12,000 more, making \$137,000 in all. Farther up stream on this northern branch the city has built an expensive storm sewer from Bowdoin street through Geneva avenue and Westville street.

"This improvement will have to be eventually extended down stream to connect with the one first mentioned, and the surfurce water from all streets in the vicinity conducted to it by a system of surface drains.

"Upon the southern branch of this brook, which reaches the vicinity of Rosemont street, the city has built a capacious culvert on Dorchester avenue, and private parties who are developing a large tract of land west of Dorchester avenue will provide a channel for it there.

"The southerly branch of Davenport brook flows through the Churchill swamp, to which reference is also made in the report of the Common Council committee previously mentioned. A systematic deepening of this brook from its mouth upwards is the only means of draining this swamp.

"On the northerly branch the city has built culverts on Armandine, Bailey, and Fuller streets and Dorchester avenue. Private parties have obstructed and nearly closed this water-course on Armandine, near Washington street, and at Burt avenue; early action should be taken to compel the reopening of its channel.

"The Mattapan brook, which rises near Forest Avenue Station and flows through Mattapan Village to the Neponset river, if improved systematically would improve the sanitary condition of that region and render large areas of swamp lands available for building purposes.

"The improvement of the upper part of this brook in the vicinity of Capen, Fuller, and Seldon streets is a necessity, owing to the fact that whatever system of sewers is built there, it will be impossible to take into them any of the storm water.

"Passing over the divide into the valley of Stony brook, the brook which flows through the site of the Oakland Garden, claims our attention. The department has had a long controversy with the land-owners here, who have obliterated the channel of the brook and turned its waters into the sewers, to the great detriment of the latter.

"This work will have to be undone. Farther down stream, where this brook is larger, the city has built ample culverts on Spencer street, Wheatland avenue, and Millet street.

### WEST ROXBURY DISTRICT.

"Stony brook and its main tributaries need not be discussed further, in connection with this subject, than to state that they are too large to be in danger of obliteration. If funds were available, however, improvements might be undertaken upon them which would amply repay the cost. Upon the Canterbury branch, in the vicinity of the Austin Farm; upon the Roslindale branch, near Florence and Washington streets: Whipple avenue and Ashland street; a large tract between Walter, Weld, and Hewlett streets; also in the vicinity of Anawan avenue and Colberg-street extension, and Beach and Irving streets, — are localities where a comparatively light cost and inexpensive improvement would convert partially submerged marshes into habitable building land. "The whole valley of the Roslindale branch above the channel built by the City Engineer in 1891, extending across Dudley and Bellevue avenues and along Belgrade avenue to Central Station, needs attention.

"This locality now has sewerage, and is being rapidly built up, but the present condition of the brook must lead to damp cellars, flooded lands, malaria and fever, if not bettered before long.

"The brook which rises south of West Roxbury Station and crosses the Dedham Branch R.R. near Spring Street Station needs urgently a systematic deepening and straightening, as the premises of the inhabitants of this valley are flooded by it every winter; but as much sewage finds its way directly and indirectly into it, and as it flows into Charles river at a point above where several towns and cities take their drinking water from the river, a system of sewerage should precede its improvement, for this sewage is now practically destroyed before reaching the river by the natural processes of aeration and sedimentation during its slow progress through reedy marshes.

### BRIGHTON DISTRICT.

"In this district more abuses of the natural water-courses, in the way of obstruction, obliteration, and connection with the sewers, has taken place than in any other part of the city. The most important of these is the brook near Shepard and Winship streets, which flows northerly across Washington and Cambridge streets, near their junction, and North Beacon, near Arthur street; it then crosses Everett street at the corner of Braintree street, passes under the Boston & Albany Railroad, Lincoln and Franklin streets, in a culvert of considerable size. From Franklin to North Harvard streets the little that remains of the brook is carried in an absurdly small channel, consisting of 24 and 18 inch pipes; from North Harvard street to the river it flows in an open channel, crossing Western avenue in a good stone culvert. It is taken into the sewer in Shepard street, causing the sewers in this street and Winship street to back into the cellars every spring, and during heavy storms at other seasons. It is taken in again at Cambridge street, overcharging this sewer badly. Again on North Beacon street, near Arthur street, it is turned into the sewer. On Everett street, at the corner of Braintree, it is again connected with the sewer, and the remnant is carried in a pipe through the cellars of several dwelling-houses. A culvert was built at the demand of this department through the retaining-walls and embankment of the approach of the new Everett-street bridge over the

Boston & Albany Railroad, but is inoperative. At this point the only way of restoring the brook channel seems to be by building a capacious storm sewer. The importance of establishing an uninterrupted channel for this brook may be seen from the facts that its water-shed, at North Beacon street, for instance, is three hundred and five acres, yielding a flow of one hundred and ten cubic feet per second from storms of moderate intensity in the present state of development of the district, and probably one hundred and seventyfive cubic feet in heavy storms, to say nothing of the increase of flow, which must come with the future development, while the capacity of the main sewer in North Beacon street, which is the only channel operating at present freely, is only thirty-five cubic feet per second.

"Between North Harvard street and Western avenue the channel of the brook runs through the Rena-street district. so called, comprising about sixty acres. On account of its proximity to the Metropolitan main sewer, a part of this district has been sewered upon the separate system, the house sewers being connected with the Metropolitan sewer and the surface drains with the brook. Another portion, including Rena, North Harvard, Bayard, Weitz, and Kenneth streets, has no surface drains as yet. As the connections of these house sewers with the Metropolitan sewer had to be made through regulators, at the demand of the Metropolitan Drainage Commission, these sewers have no means of relief, except by backing up into the cellars, whenever the water in the Metropolitan sewer rises high enough to cause the regulators to cut off the connection. Surface drains will have to be built, connecting with the brook, and serving as relief overflows for the house sewers, making it absolutely necessary for this portion of the brook channel, at least, to be preserved.

"It will be seen from the foregoing description that this important brook is practically obliterated in numerous places, and measures should be taken by the city promptly to reopen its channel; for, if it is not done, the city will be forced to build an enormously expensive storm sewer to take its place, from North Harvard street to Shepard street, a distance of about nine thousand feet, at an early date.

"A drain, formerly a brook channel, tributary to the main brook, comes from the Boston & Albany stock yards, and joins the main brook at Everett street, close to the railroad. This carries all the foul washings of the stock yards, and causes a nuisance in the channel of the main brook north of this point. This should be connected with the Everettstreet sewer, as its contents are as foul as any sewage; but first the main brook should be disconnected from the sewer and restored to its proper channel.

, "The tract of land bounded by North Beacon, Murdock, Sparhawk, and Market streets is laid out in streets, and has some sewers, built years ago by private parties. These are too near the surface to serve as sewers, but may be utilized as surface drains. A brook formerly flowed from this land across Market street, near Faneuil street, and down to the pond near North Beacon street at the iron bridge, and a portion of a good walled-up channel may yet be seen, but the remainder is obliterated. If this channel is not kept open the surface water from this area will all have to go into the Market-street sewer, and thence into the North Beacon-street sewer, aggravating the overcrowded condition of that sewer.

"At Oak square there is a brook which runs across the square from Tremont street under the West End car-houses and through private land between Faneuil and Washington streets, crossing Faneuil street, and running through Brooks pond to join the main brook from Chandler's pond.

"A tributary to this brook, which drains all the catch-basins in Oak square, and will afford a relief overflow to the Washington-street sewer, has been cut off by the building of the foundations of the West End car-houses, and will have to be restored.

"The main brook from Chandler's pond is too large to be easily obstructed, and has had culverts of ample size built upon it by the city at Parsons, Hobart, Faneuil, Oakland, and Lake streets."

The desirability of systematically deepening and improving waterways like the above-mentioned, beginning at the outlet and working toward their source, is unquestionable, and should be carried out before the adjoining land is wholly cut up into house lots and largely built upon, as then it would involve expensive land takings and serious claims for damage.

It is equally plain that the city should not be forced to take within its street limits a diverted waterway, and thus lengthen its course, and necessitate a more costly construction. Other cities are taking up this question, with a view of utilizing the valleys of prominent streams as a part of their park system, after the manner of our own Muddy River Parkway, with its banks terraced and planted with shady trees and flowering shrubs, crossed by well-designed stone-arched bridges, till the whole effect is most charming to those who admire landscape. Where necessary, the lowering of the stream-bed might be the means of transforming worthless stretches of land into the choicest building lots. The former City Engineer of Newton, Mr. A. E. Noyes, and Mr. E. A. Buss, in making a joint study of this question, suggest that if legislation is commendable in establishing a Board of Survey for the city of Boston, especially authorized to designate the locations and grades of streets for the best public good, and to prevent owners of property from making further departure therefrom, then there is much more ground for seeking legislative authority for a city to lay out and determine the size and location of its surface drains, and prevent interference of the same by property-holders, under fear of penalty.

Whatever course is taken, cheap and temporary expedients for private interests *only* should be wholly discountenanced.

### STREET-CLEANING DIVISION.

### STREET-SWEEPING DISTRICTS.

District No. 1. - West End.

This district includes that portion of the City Proper that is bounded on the west and north by the Charles river, on the east by Charlestown and Washington streets, on the south by School and Beacon streets and Boston Common.

### District No. 2. - North End.

This district includes that portion of the City Proper bordering on the Charles river and harbor front that lies east of Charlestown and Washington streets, and north of Central and Milk streets.

### District No. 3. - South End.

This district includes the southerly portion of the City Proper (business section), and is bounded on the north by Central and Milk streets, on the east by Fort-point channel, on the south and south-west by Kneeland, Lincoln, Harvard, and Utica streets, and on the west by Washington street.

### District No. 4. - South End.

This district includes the portion of City Proper and Back Bay that lies southerly from the Public Garden and Common, and extends as far as Dartmouth and Dover streets, and is bounded on the west and north by Beacon and Schoolstreets, easterly by Washington, Kneeland, Lincoln, Harvard, Utica streets, and Fort-point channel, southerly by Dover, Berkeley, Columbus avenue, and Dartmouth streets.

### District No. 5. - Back Bay and South End.

This district includes all of Back Bay and South End between Charles river and South bay from Dartmouth and Dover streets on the north, to Massachusetts avenue, Hammond and Hunneman streets on the south.

District No. 6. — South Boston. District No. 7. — Roxbury. District No. 8. — Brighton. District No. 9. — East Boston and Charlestown. Owing to the constant growth of Dorchester and West Roxbury, the work done by occasional visits of sections of gangs from the adjoining districts was no longer sufficient; but, on account of the small appropriation, no additional force could be organized. These districts, however, are constantly cared for by the Paving Division force, thus saving the expense of extra superintendence and headquarters.

The following table shows the average force employed during the year :

| District.     |       |        |        |    |   |   |   | rage No<br>employe |     |
|---------------|-------|--------|--------|----|---|---|---|--------------------|-----|
| Office .      |       |        |        |    |   |   |   |                    | 4   |
| 1, West End   |       |        |        |    |   |   |   |                    | 32  |
| 2, North End  |       |        | •      |    |   |   |   | •                  | 32  |
| 3, South End  | •     |        |        |    |   |   | • |                    | 32  |
| 4, South End  | •     |        |        |    | • |   |   | •                  | 32  |
| 5, Back Bay   | •     |        |        |    |   | • |   |                    | 31  |
| 6, South Bost | ton   | •      | •      | •  |   | • | • |                    | 32  |
| · ·           | •     | •      | •      | ٠  | • | • |   | •                  | 28  |
| 8, Brighton   | •     | •      |        | •  | • | • |   |                    |     |
| 9, Charlestow | n and | l East | t Bost | on |   | • |   |                    | 27  |
| Yard and stal |       | •      | •      | •  | • | • |   | •                  | 14  |
| Push-cart pat | rol   | •      | •      |    | • | • |   | •                  | 39  |
|               |       |        |        |    |   |   |   |                    |     |
| Total         |       |        | •      |    |   |   | • |                    | 303 |

The above-mentioned force use in carrying out the work of the division the following plant :

Three 3-horse machines, 19 double sweeping-machines, 21 single sweeping-machines, 11 water-carts, 90 street-carts, 100 horses (owned by the division), 14 asphalt-scrapers.

Eight of the above horses are driving-horses.

The push-cart patrol use :

Fifty-nine push-carts, 63 extra barrels, 3 street-carts (steel), 3 horses (all hired). Of the 59 push-carts, 40 are in daily service.

In addition to the above-mentioned carts, the division hires about 33 extra teams.

The following table shows the number of loads of streetsweepings removed each year during the last thirteen years :

| Year. |  |   |  | No. of cartloads. |
|-------|--|---|--|-------------------|
| 1882  |  |   |  | 52,381            |
| 1883  |  | • |  | 58,272            |
| 1884  |  |   |  | 62,222            |
| 1885  |  |   |  | 61,455            |
| 1886  |  |   |  | 59,875            |
| 1887  |  |   |  | 68,990            |

| Year.    |    |      |   |   |   |   | No. of cartloads. |
|----------|----|------|---|---|---|---|-------------------|
| 1888     |    |      |   |   |   |   | 68,010            |
| 1889     |    | •    |   |   |   |   | 70,476            |
| 1890     |    |      |   | • | • |   | 70,449            |
| 1891, 12 | mo | nths |   |   |   |   | $87,\!113$        |
| 1891, 13 | mo | nths |   |   |   |   | $91,\!425$        |
| 1892     | •  |      |   | • | • | • | 106,829           |
| 1893     |    |      | • | • | • |   | 110,496           |
| 1894     | •  | •    | • |   | • | • | 95,478            |

### STREET-CLEANING.

With a gross expenditure of \$307,113.16, this division has cleaned 10,432.75 miles of streets, removing 95,478 loads of street-dirt; has also cleaned 2,175.65 miles of paved gutters on macadamized streets, including special work on crossings, maintained 16 dumping-stations, removed excess of snow from pavements and crossings, paid special attention to the collection and removal of leaves in the fall of the year, maintained a paper-patrol in freezing weather and a push-cart patrol in the retail district throughout the year; and, besides making necessary repairs to its plant and purchasing the new stock needed, made a disposal at sea of some 30,766 loads of street-dirt. The average cost of sweeping streets, including supervision, labor, yard, and stable expenses, pro rata of dumps, and removal, was \$15.61 per mile.

If the gross expenditure, including stock and all miscellaneous expenses, be divided by the total mileage of the city, which is 452 miles, the outside expenditure per season per mile of street is found to be \$679, which is very low as compared with other cities.

The results of the push-cart patrol system have been most satisfactory, and an extension of the routes is surely warrantable. Fifty thousand two hundred and eighty barrel-loads were taken up by this force alone.

The public waste-barrels, located in the immediate vicinity of various fruit stores, inviting the deposition of refuse which would otherwise be thrown into the street, have found favor with the public, and much littering of the street is thereby avoided.

District 8, or Brighton, was wholly taken care of by the Paving Division; also, macadamized streets in other outlying districts were scraped by this division, and 37,557 single and 1,948 double loads of street-scrapings were removed. After a severe snow-storm, the paving force is called to the aid of the street-cleaning force, and the cost of snowremoval is reported in Appendix B.

### GENERAL REMARKS.

The general term "street-cleaning" appears to be used in common discussion in a very loose way, and very misleading comparisons and erroneous conclusions result. This has been more apparent of late, as the subject has been of more than ordinary interest to the public for the past few years, and receives a correspondingly increased consideration by the press everywhere. In these comparisons the cost quantities set over against each other under the simple term "street-cleaning" do not apply in different cities to the same or analogous work.

It starts with (1) sweeping streets only; it then grows to include (2) the removal of the dirt or road detritus to the dumps; then gradually extends its scope by the following successive steps: (3) collecting and removing ashes, store-dirt, house-dirt, and kitchen refuse and garbage; (4) final disposition, either at sea, by incineration, or some rendering process; (5) collecting and rendering dead animals; (6) cleaning of alleys and private ways; (7) cleaning of eatch-basins, cesspools, and vaults, and removing night-soil; (8) removal of snow; (9) scraping macadamized streets; (10) streetsprinkling.

Each of the above items involves an expense varying in amount according to local conditions and laws. Collecting ashes, for instance, may figure but \$2.00 per mile of street, while scraping a heavy macadamized street may cost \$100 per mile. Then, too, some cities report that a certain number of miles of streets are kept clean throughout the year, which in some cases is a fair percentage of the city mileage, and in others it is made to equal the total mileage. Other cities keep a record of streets swept or eleaned each day, and at the end of the year report the accumulated amount, or total miles actually cleaned. It does not require much mathematical calculation to ascertain which method gives the best showing for the least amount of expenditure. Local conditions vary greatly. Some cities are almost wholly paved, few, like Boston, are mostly macadamized or gravelled. Some have convenient dumps, others necessitate long hauls. The price of labor varies, and the hours of labor are not always restricted. Public sentiment demands more in one city than in another, so that the degree of cleanliness satisfactory in one latitude would only be a source of disgust in another. Mud on a crossing not over a boot-sole would raise a protest in some of our fashionable quarters, while in some of our Western cities, less whimsical by nature, no fault is found until there is " mud enough to bog a duck."

The history of the last five or ten years shows that the public demands a higher service, and the refinement of the present day asks for a greater opportunity for personal comfort and good health, and public opinion sanctions an increased expenditure. The amount spent on sanitary cleanliness was never so great as it is to-day in all our large cities, New York, for instance, about doubling the amount used five years ago. This desire for cleanliness has been spreading from city to city, until each one has its organized force with modern auxiliaries and appliances, vying with each other in the praiseworthy effort to banish the filthy and unsightly refuse from our public thoroughfares, and thus make them compare favorably with the streets abroad.

The time has now come when the official in charge must not study as to how much money he can spend for this work in a single year, but how much greater area he can keep *truly clean* without increasing the expenditure. Results without extravagance are really what is to be sought. In other words, the problem is resolved into this: By what methods can refuse of all kinds be turned to revenue or usefulness, and absolute waste be reduced to a minimum?

This can only be accomplished by a careful and painstaking process of differentiation or separating the products of street collections, and diverting each to a sphere of usefulness consistent with its character. Just as the material of a gravel bank becomes more useful and of wider adaptability to constructive requirements by a simple process of running it through a system of wire screens of varying mesh, until stones of a uniform size and sand particles are each collected together to be used for widely different purposes, so our refuse separated into its different elements may be turned to some good account, each being appropriated to its most valuable purpose, the clean ash its bed of filling, the rag its paper-mill, road detritus its fertilization market, and house-offal its digestor, wherein it is further separated, yielding both animal and vegetable products of varying worth. This separating process must begin with each householder, and hence the requirement that different receptacles must be provided and used, one for street-dirt, another for ashes, and yet another for house-offal. The simple work of street-cleaning in its broad and sanitary sense must then resolve itself into a machine-like march of an organized force so controlled that, without interfering with the business use of streets, and without waste of time by conflicting effort, it shall take captive every scrap of filth and refuse legally left within its reach, and without delay or incidental annovance remove the same to the nearest

point of collection, from which its final useful disposition can be made.

Its success must depend largely upon public coöperation with the municipal authorities, and individual effort throughout the community to refrain from carelessly allowing any of its waste dirt to be scattered about on any public highway.

### SMOKE NUISANCE.

Argument is not necessary to convince the citizens of this city or any city that soft-coal smoke is the cause of untold injury to health, to the beauty of our architecture, to the cleanliness of our office furnishings and records, and a destructive agency of marked efficiency within the business district in its pernicious contact with the finer textile fabrics, and general merchandise as well.

Theorizing as to the remedy is not what the people want, but a practical, energetic, and effective activity, directed by proper law and ordinance, that shall forthwith demand compliance with such regulations as will abolish existing nuisances, and prevent new construction from entirely disregarding this whole question in the laying out of new plant. Such has been the plan of operation of this department. résumé of the work of the year shows some good results, not so much in the multiplicity of the so-called devices, as in the actual marked reduction of the percentage of "dense, dark smoke" emitted from various stacks, as shown by recent observations as compared with those taken upon the same plants a year ago. Owners of estates have been more liberal in their desire to contribute to the general good of the community by the purchase of better and more smokeless fuels; engineers have been more stringent in their orders to the firemen, and the firing itself has not been so often intrusted to the elevator boy or some other equally irresponsible employee.

The scarcity of good coal in this vicinity last winter, due to the great strike among the miners, had a marked effect upon plants in this city, complaints coming from stacks that had formerly given no trouble.

Nothing has been more apparent from the result of the observations than the extreme lenity of the present law, allowing as it does that a stack may belch forth dense, dark smoke for fully *one-fourth* of the time. The history of the movement here only shows that the *terms of the law* should be prescribed by the community at large which is offended against, rather than by the offenders themselves. City

Document No. 81 of 1893 shows that the consumers of soft coal themselves were on the alert to see that the movement did not become too stringent in its final recommendations.

Chapter 353 of the Acts and Resolves of 1893 is still in force, but it is hoped that the present Legislature will modify it, as there is great difficulty in securing conviction in court, a warrant having been refused on one of the worst cases of violation as shown by observations of the inspector.

During the past year 188 complaint notices have been served and 184 inspections made; making a total to date of 319 notices served, and 300 inspections completed.

The inspections may be classified as follows :

| With patent device attached                  |   |   | 38  |
|----------------------------------------------|---|---|-----|
| Now considering the adoption of some device  |   |   | 29  |
| Wing walls                                   | • |   | 5   |
| Using hard coal                              | • |   | 32  |
| Using shavings or similarly offensive fuels. | • | • | 35  |
| Claim compliance with the law                | • | • | 150 |
| Supplied with device of their own design .   | • | • | 4   |
| Ready to adopt a satisfactory device         | • | • | 7   |

Devices in use are :

1st. Down-draft Furnaces, "American Down-draft." — Nevins estate, 78 Chauncy street; Lyceum Theatre, Washington street; Nevins Estate, 66 Chauncy street; Smith-Carleton Company, 79 Boston street.

"Hawley Down-draft." — Brookline Gas Light Company, Allston; West End Power Station, Cambridge.

2d. Automatic Stokers, "Roney Automatic Stoker." — State House Extension, Mt. Vernon street; Boston Electric Light Company, Boston street.

3d. Furnaces with Hollow Walls (to admit heated air), "Jarvis Setting." — Edison Illuminating Company, Atlantic avenue; Edison Illuminating Company, Head place; Boston Electric Light Company, Condor street, East Boston; E. Hodge & Co., 160 Liverpool street, East Boston; Boston Fire Brick Company, 394 Federal street; J. Roessle, 60 Pynchon street, Roxbury; L. Prang & Co., 286 Roxbury street, Roxbury.

"Smith Setting." — J. R. Alley & Sons, 123 Heath street, Roxbury; Furbush & Co., Rutherford avenue, Charlestown.

"Jones Economic Furnace." — Crawford House, Brattle street; Boston Electric Light Company, Gilbert place; Boston Lead Works, Hampden street; Boston & Maine Railroad, Minot street; Boston Belting Company, Elmwood street. 4th. Steam Jet, "Andrews Hot-Air Device." — Nahum Chapin, Water street; W. Smith & Co., Marginal street, East Boston; A. T. Van Nostrand, Alford street, Charlestown; Grand Hotel, 417 Columbus avenue.

"Standard Smoke Consumer." — B. H. Murray (Drake's Saw-mill), Border street, East Boston; Jordan; Marsh, & Co. (wholesale), corner Bedford and Lincoln streets; Houghton & Dutton, corner Tremont and Beacon streets.

"Bartlett & Hayward Patent Damper" (perforated bridgewall.) — New Court-house, Pemberton square; Brown, Durell, & Co., Kingston street.

"Fyfe's Deflector" (wing walls). — Homeopathic Hospital, corner Concord and Albany streets; Page Bros., 231 Cambridge street.

"Whitfield Grate." — Boston & Albany Railroad Grain Elevator, Chandler street.

Of the thirty-two plants reported as using hard coal, eight have since gone back to soft coal, mainly on the ground that they needed greater steaming capacity. Several are using soft coal and hard-coal screenings, and claim that they can keep within the limits of the law by so doing.

All of the above-mentioned inspections have been subjected to mechanical study, from which the following defects were made evident :

| Chimney too small              |      |     |   |   |   | 66  |
|--------------------------------|------|-----|---|---|---|-----|
| Air-space in grate too small   |      |     |   |   |   | 21  |
| Smoke-flue too small .         |      |     |   |   |   | 9   |
| Number of tubes small .        |      |     |   |   | • | 1   |
| Forced at times, especially in | wint | er. | • |   |   | 42  |
| Boilers very old               |      |     |   |   | • |     |
| Chimney and smoke-flue small   |      |     |   | • | • | 3   |
| Boiler overworked              |      |     |   | • | • | 1   |
| Boiler heated by waste gases   |      |     |   | • | • | 1   |
| Insufficient data              | •    |     | • | • | • | 1   |
| No apparent defect             | •    | •   | • |   | • | 151 |

Circulars in regard to the selection of fuel and care in firing have been issued from time to time. A disposition to comply with the law and with the department regulations has been generally evident, showing that our community is made up mainly of law-abiding citizens. Even when the strike among coal operatives was on in April, the effects of which were very noticeable in June and July, and complaints began to multiply, investigation showed that, while inferior grades of bituminous coal were being shipped to this port in large quantities, owners were for the most part willing to subject themselves to a little larger expense, and mix some hard coal with the soft, to mitigate in some degree the increased nuisance. On July 10 six additional observers were given to the inspector, to aid in taking records of various stacks. Later, this number was reduced to two men, who have covered the city regularly by districts, and have been keeping the department informed of any unusual appearance of smoke emission.

Some fifty set observations have been made on various stacks, lasting from two to sixteen hours each. These showed per cents. of dense, dark smoke varying from 5.1 to about 60, with one abnormal one of 78.8 per cent. Plants well equipped for complete combustion showed from 10 to 20 per cent. A few well-regulated and well-proportioned plants without device managed to keep their smoke from 20 to 26 per cent.

### NEW LOCATIONS.

On July 24 a standing objection was filed with the Survey and Inspection of Buildings Department against the granting of permits for new boilers, without the applicants for locations first satisfying this department that they would endeavor to comply with the law, either by the adoption of a smoke-consuming device, or the use of a smokeless fuel.

In practice, the following formalities are observed before the applicant can receive permission to locate a new or relocate an old boiler-plant. He first makes application to the Inspector of Buildings, and is informed that before permission can be granted, the consent of the Superintendent of Streets must be obtained.

The Inspector of Buildings then fills out the upper portion of the following blank and sends it to the Superintendent of Streets:

#### (Form A.)

#### CITY OF BOSTON.

#### OFFICE OF INSPECTOR OF BUILDINGS,

|                                                | BOSTON, |                                       | · · | 189      |       |
|------------------------------------------------|---------|---------------------------------------|-----|----------|-------|
| To the Superintendent of Streets:              |         |                                       |     |          |       |
| You are hereby notified that                   |         |                                       |     |          |       |
| of                                             |         |                                       | has | made app | lica- |
| tion for location of a boiler at No this date. | •       | · · · · · · · · · · · · · · · · · · · |     |          | . on  |
|                                                |         |                                       |     |          |       |

Inspector of Buildings.

No..... OFFICE OF SUPERINTENDENT OF STREETS, ROOM 47, CITY HALL, 189. To the Inspector of Buildings:

You are hereby notified that the above-named applicant has signified his intention of meeting the requirements of the Superintendent of Streets relative to the prevention of smoke, either by the adoption of a smokeless fuel, or of a satisfactory smoke-consuming device, and that I herewith  $\begin{cases} waive \\ or \\ renew \end{cases}$  objections to the granting of permit

Superintendent of Streets.

On receipt of this notification, the Superintendent of Streets fills out the following blank and sends it to the applicant, who must then appear before the Superintendent of Streets to obtain his sanction of the proposed boiler location.

#### (Form B.)

No. .....

STREET DEPARTMENT,

CITY HALL,

BOSTON, ..... 189

OFFICE OF THE SUPERINTENDENT, ROOM 47.

M .....

DEAR SIR: You are herewith notified that this department objects to the granting of your petition for leave to locate \_\_\_\_\_\_\_\_ boiler at \_\_\_\_\_\_\_ as per your application on file in the office of the Inspector of Buildings, unless the same \_\_\_\_\_\_\_ provided with an effective smoke-consuming device.

Will you please call at this office in reference to the matter, and oblige,

Yours truly,

Superintendent of Streets.

Pending the granting of the location, an inspection is made of the proposed boiler plant, and if the Superintendent of the Street Department finds that there is reasonable probability that it will comply with the law and ordinances, the applicant is required to sign the following blank, which states the nature of the boiler plant, coal to be used, etc. : (Form C.)

|                         |               | No.   |
|-------------------------|---------------|-------|
|                         | Boston,       | , 189 |
| Application for Locatio | n of Boiler : |       |
| by                      |               |       |
| of                      |               |       |
| at                      |               |       |

#### To the Superintendent of Streets:

The lower half of Form A is then filled out with "objections waived," and it is then returned to the Inspector of Buildings, who may then grant the location in the regular manner. It will be seen that by this agreement (Form C), signed by the applicant, the Superintendent of Streets obtains control over the boiler plant so far as smoke nuisance is concerned, and, in case this agreement is afterwards violated, the permission to operate such a boiler plant may be revoked by the Inspector of Buildings, through request of the Superintendent of Streets.

On the other hand, if the Superintendent of Streets is not satisfied, after investigation, that the proposed boiler plant will comply with the law relating to the smoke nuisance, the lower half of Form A is filled out with "objections renewed." This is then returned to the Inspector of Buildings, and the application is thereupon denied. In such a case the applicant, as a last resource, may apply to the Board of Appeal on Boiler Locations, and the decision of this Board is final. This Board of Appeal, as now constituted, consists of the present Superintendent of Streets; the Chairman of the Board of Fire Commissioners, Robert G. Fitch; the Chairman of the Boston Board of Health, Samuel H. Durgin, M.D.; and Messrs. George R. Swasey, Arthur H. Everett, and William H. Sayward.

Under the foregoing arrangement, ninety-two notices of applications have been received from the Inspector of Buildings. Of this number, in fifty-six cases objections have been waived on account of being mainly hot-water heaters, constructed so as to burn hard coal only; in thirty cases, the applicant has shown a satisfactory guarantee that proper precautions are being taken, and has signed the record-book, agreeing to conform to all necessary requirements. Three cases are still open and await the results of further inquiry.

While the law is not at present as stringent as desirable, there is no doubt that many owners of both large and small plants show a decided willingness to comply with such requirements of the department as will, without unreasonable cost, abate the nuisance, and thus contribute to the general comforts and good health of the community; but greater stringency of law will be required to enforce action upon parties who are unwilling to be subjected to any expense whatever in the matter, but lean wholly to the item of economy, and are loath to incorporate any change, unless it can show a saving in their running expenses. In many plants the local conditions are such that the element of economy can readily become a factor of reasonable promise, but if those conditions will not admit of changes in the direction of economy, then it is surely the duty of the owner to offset his unavoidably cramped conditions with the adoption of some relieving expedient, even though it may at the same time subject him to a slightly increased expense.

#### CONCLUSION.

Allusion has been made in the foregoing report to the most important portions of the work of the year, but the limited space allotted to an executive report of this kind precludes the mention of numerous other features that would bear discussion.

In the appendices which follow, however, detail items may be found, arranged in convenient form, of such street and sewer construction as seemed of sufficient importance to merit special mention.

The table of former superintendents and document numbers of the annual reports at the end (Appendix F) will be found of convenient reference for general use in connection with the history of department work in past years.

Respectfully submitted,

HENRY B. WOOD, Executive Engineer.

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# STREET DEPARTMENT.

### ORGANIZATION, 1894.

#### Central Office Room 47, City Hall. .

HENRY H. CARTER, Superintendent of Streets. (Until December 8, 1894.)

CHARLES R. CUTTER, Acting Superintendent. (From December 8, 1894, to January 14, 1895.)

BERTRAND T. WHEELER, Superintendent. (From January 14 to the present time.)

> HENRY B. WOOD, Executive Engineer. JOHN W. McDONALD; Purchasing Agent.

#### BRIDGE DIVISION.

14 Beacon Street. JOHN A. McLAUGHLIN, Deputy Superintendent. FREDERICK H. SPRING, Chief Clerk.

PAVING DIVISION.

Room 41, City Hall.

CHARLES R. CUTTER, Deputy Superintendent. (Until January 24.) DARIUS N. PAYSON. (January 24 to the present time.) BENJAMIN B. TREMERE, Chief Clerk.

### SANITARY DIVISION.

12 Beacon Street. PHILIP A. JACKSON, Acting Deputy Superintendent. M. J. MURRAY, Chief Clerk.

#### SEWER DIVISION.

Room 44, City Hall. HENRY W. SANBORN, Deputy Superintendent (ex officio, Engineer Improved Sewerage). FRANK H. RICE, Chief Clerk. Engineer's Office, 12 Beacon Street. E. S. DORR, Engineer in Charge. STREET-CLEANING DIVISION.

14 Beacon Street. PHILIP A. JACKSON, Deputy Superintendent. THOMAS MCLAUGHLIN, Chief Clerk.

#### BOSTON AND CAMBRIDGE BRIDGES.

HENRY H. CARTER, Commissioner for Boston (ex officio, until December 8, 1894)

CHARLES R. CUTTER. (Acting Commissioner from December 8, 1894, to January 14, 1895.)

> BERTRAND T. WHEELER. (Since January 14.) WILLIAM J. MARVIN, Commissioner for Cambridge.

### APPENDIX A.

### REPORT OF THE DEPUTY SUPERINTENDENT OF THE BRIDGE DIVISION.

14 BEACON STREET, BOSTON, February 1, 1895.

MR. B. T. WHEELER, Superintendent of Streets:

DEAR SIR: I herewith respectfully submit the following report of the acts and expenditures of the Bridge Division from February 1, 1894, to January 31, 1895. There was allotted for the care, maintenance, etc., of the bridges during this period the sum of \$125,000, which by reason of the opening of L-street bridge to public travel, and in consequence of necessary work performed on Charles-river bridge that it might be used as a thoroughfare, was found to be insufficient to the amount of \$5,787.21. Thus the total sum regularly expended on the bridges and charged to this division was \$130,787.21.

The total number of bridges in Boston, not including culverts, is one hundred and twelve; four of these, viz., Harvard, Canal, Prison Point, and West Boston bridges, all connecting Cambridge, are in the care of two commissioners, one of whom is appointed by the city of Boston and the other by the city of Cambridge. The remainder are under the supervision of this division, and are thus tabulated: Thirty-four are wholly supported by railroad corporations, and seventy-eight are supported wholly or in part by the city of Boston. Included in this number are twenty-three tide-water bridges, provided with draws. The increase of two bridges consists of one at Audubon road, over Brookline branch of the Boston & Albany Railroad, and Florence street, over Stony brook.

Of the tide-water bridges there are eleven of great importance, viz., Meridian street (horse power), Chelsea North and Chelsea South (both steam power), Malden (man power), Warren, Charles River, Congress, L-street, and Broadway (all steam power), Federal and Dover streets (both electricity).

The condition of Malden, Charles-river draw, Broadway, and Congress-street bridges is unsatisfactory and require most careful attention.

Charles-river bridge was closed to team travel July 18, 1894, at 1.45 P.M., as it was considered dangerous. Extensive repairs, under the supervision of the City Engineer's Department, were performed under contract, and the bridge was reopened to team

travel on October 16, 1894, at 9 A.M. The draw, however, is still in very bad shape, as its foundation is much decayed.

Chelsea-street bridge is in process of rebuilding and will be completed in a few weeks. Dover-street bridge has been completed and is in running order, giving complete satisfaction. L-street bridge has also been opened to public travel during the year.

Embodied in the report will be found a detailed statement of the expenditures and a description of the work performed on each bridge; also a tabulated arrangement of those bridges supported wholly or in part by the city of Boston; widths of draw openings, widths of bridges, roadway, and sidewalks; kind of pavement used; number of draw openings made for navigation, and a census of traffic taken on some of the most important bridges, October 8, 1894, as a comparison with that taken in April, 1891, June, 1892, and September, 1893.

The inland bridges have been carefully looked after, and special effort has been made to keep them safe and clean. They have been thoroughly swept each week and scupper-holes have been kept free and clear. The operatives of the tide-water bridges have performed their duties in an efficient manner and have kept their piers and premises in a safe condition, and no accidents have been reported that could in any way be charged to the negligence or carelessness of the draw-tenders or their assistants.

The material used for repairs has been of good quality, and the delivery of the same in the different districts by those having the contracts has been prompt and efficient, causing no delay for the proper performance of the work.

As formerly, the same care has been exercised to keep on hand duplicate sets of gearing, and many times during the year this precaution has lessened public inconvenience.

#### SPECIAL WORK.

The report contains a description of work performed and expenditures on several bridges, money for which was provided from special appropriations.

The total amount of money so expended and charged — \$33,066.55.

Of this sum, for contract work, material, and repairs, which could not be performed by our men - \$27,729.33.

The balance was directly beneficial to our own bridge mechanics -\$5,337.22.

### PUBLIC LANDING-PLACES.

The following public landing-places have been built by the city, and are maintained and controlled by the Street Department:

Charles-river Bridge. — Size,  $40 \times 60$ . Built in 1890. Moored from city's property.

Essex-street Bridge. — Size,  $9 \times 23$ . Built in 1890. Moored from city's property.

East Boston, Public Landing. — Size,  $18 \times 30$ . Built in 1893. Moored at dock of East Boston Dry Dock Company. Dock and flats leased at \$200 per year. Commercial Wharf. — Size,  $30 \times 50$ . Built by M. F. Sullivan; contract dated January 1, 1892. Moored at dock of Commercial Wharf Corporation. Dock and flats leased November 30, 1891, at \$1,000 per year.

Federal-street Bridge. — Size,  $20 \times 35$ . Built by M. F. Sullivan, October 26, 1892. Moored from city's property.

### CABLE-HOUSES.

The following is a list of cable-houses on bridges in charge of this division :

| New England Telephone and Telegraph Company:  |           |
|-----------------------------------------------|-----------|
| Charles-river bridge                          | 2 houses. |
|                                               | 1 house.  |
|                                               | 2 houses. |
| (Erected in 1882.)                            |           |
| American Telephone and Telegraph Company :    |           |
| Federal-street bridge (erected in 1890) .     | 1 house.  |
| West End Street Railway Company :             |           |
|                                               | 2 houses. |
| Warren bridge                                 | 2 houses. |
| (Erected in June, 1892.)                      |           |
| New England Telephone and Telegraph Company : |           |
| Dover-street bridge                           | 2 houses. |
| (Erected in 1894.)                            |           |
| Postal Telegraph Cable Company :              |           |
| Congress-street bridge                        | 2 houses. |
| (Erected in 1894.)                            |           |
| Very respectfully yours,                      |           |

JOHN A. MCLAUGHLIN,

Deputy Superintendent.

#### FINANCIAL STATEMENT.

#### REGULAR APPROPRIATION.

| Appropriation, 1894–5                            |      |
|--------------------------------------------------|------|
| Transferred from Paving Division, December 6,    |      |
|                                                  | 00   |
| Transferred from Paving Division, January 25,    |      |
|                                                  | 21   |
|                                                  | -) 1 |
| Total                                            | 21   |
| Amount of expenditures from February 1, 1894, to |      |
| January 31, 1895                                 | 21   |
| Transferred to City Clerk Department, December   |      |
| 31, 1894 650                                     | 00   |
| \$130,787                                        | 91   |

## EXPENDITURES.

### Administration.

| Office expen                                                                                                                 | ises:                                                                                                                          |                                                                                                                           |                                                                          |                                                      |        |       |            |                                                                                        |                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------|--------|-------|------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing .                                                                                                                   |                                                                                                                                |                                                                                                                           |                                                                          |                                                      |        | \$72  | 00         |                                                                                        |                                                                                                                                                     |
| Stationery and                                                                                                               | l postage                                                                                                                      | е.                                                                                                                        |                                                                          |                                                      |        | 120   | 30         |                                                                                        |                                                                                                                                                     |
| Office books .                                                                                                               |                                                                                                                                |                                                                                                                           |                                                                          |                                                      |        | -77   | 25         |                                                                                        |                                                                                                                                                     |
| Office books .<br>Engraving pla                                                                                              | tes, etc.                                                                                                                      | , anni                                                                                                                    | ial re                                                                   | $\operatorname{port}$                                |        |       | 83         |                                                                                        |                                                                                                                                                     |
| Requisition bo                                                                                                               | ok, pure                                                                                                                       | hasin                                                                                                                     | g age                                                                    | nt                                                   |        | 7     | 63         |                                                                                        |                                                                                                                                                     |
| Envelopes, Su                                                                                                                | perinten                                                                                                                       | dent c                                                                                                                    | of Str                                                                   | eets                                                 |        | 46    | 36         |                                                                                        |                                                                                                                                                     |
| Book of warra<br>Repairing bool                                                                                              | nts .                                                                                                                          |                                                                                                                           |                                                                          | •                                                    | •      |       | 03         |                                                                                        |                                                                                                                                                     |
| Repairing bool                                                                                                               | ks, etc.                                                                                                                       | •                                                                                                                         | •                                                                        | •                                                    | •      |       | 90         |                                                                                        |                                                                                                                                                     |
| Atlas, Dorches                                                                                                               | ster .                                                                                                                         | •                                                                                                                         | •                                                                        | •                                                    | •      |       | 50         |                                                                                        |                                                                                                                                                     |
| Telephone .                                                                                                                  |                                                                                                                                | •                                                                                                                         | •                                                                        | •                                                    | •      | 156   | -          |                                                                                        |                                                                                                                                                     |
| Sundries .                                                                                                                   | •                                                                                                                              | ·                                                                                                                         | •                                                                        | •                                                    | •      | 34    | 67         | <b>0.001</b>                                                                           |                                                                                                                                                     |
| Salarios of Day                                                                                                              | anter Cum                                                                                                                      | oninto                                                                                                                    | ndon                                                                     |                                                      | Jra or |       |            | \$691                                                                                  | 47                                                                                                                                                  |
| Salaries of Dep<br>senger .                                                                                                  | • • -                                                                                                                          |                                                                                                                           |                                                                          |                                                      |        | na m  | Les-       | 6,394                                                                                  | 00                                                                                                                                                  |
| Salaries of Ge                                                                                                               | neral Fo                                                                                                                       | •<br>remai                                                                                                                | ·<br>1 and                                                               | two ]                                                | Distri | ct Fo | vre-       | 0,004                                                                                  | 00                                                                                                                                                  |
| men                                                                                                                          | norm ro                                                                                                                        | i cinat                                                                                                                   | a and                                                                    | 0110 1                                               |        |       | <i>лс-</i> | 5,061                                                                                  | 00                                                                                                                                                  |
| Salary of Cl                                                                                                                 | erk of                                                                                                                         | Com                                                                                                                       | mittee                                                                   | • on                                                 | Stree  | ets : | and        | 0,001                                                                                  | 00                                                                                                                                                  |
| Sewers, uine                                                                                                                 | weeks                                                                                                                          |                                                                                                                           |                                                                          |                                                      |        |       |            | 258                                                                                    | 84                                                                                                                                                  |
| Sewers, nine<br>Travelling exp                                                                                               | enses                                                                                                                          |                                                                                                                           |                                                                          | •                                                    |        |       |            |                                                                                        | 00                                                                                                                                                  |
| Board of Depi                                                                                                                | ity Supe                                                                                                                       | erinter                                                                                                                   | ndent                                                                    | s hor                                                | se an  | d ex  | tra        |                                                                                        |                                                                                                                                                     |
| horse .                                                                                                                      |                                                                                                                                |                                                                                                                           |                                                                          |                                                      |        |       |            | 576                                                                                    | 00                                                                                                                                                  |
|                                                                                                                              |                                                                                                                                |                                                                                                                           |                                                                          |                                                      |        |       |            |                                                                                        |                                                                                                                                                     |
|                                                                                                                              |                                                                                                                                |                                                                                                                           |                                                                          |                                                      |        |       |            |                                                                                        |                                                                                                                                                     |
| Amount e                                                                                                                     | xpended                                                                                                                        | , adm                                                                                                                     | inistr                                                                   | ation                                                |        | •     |            | \$13,066                                                                               | 31                                                                                                                                                  |
| Amount e                                                                                                                     | xpended                                                                                                                        | , adm                                                                                                                     | inistr                                                                   | ation                                                |        | •     | •          | \$13,066                                                                               | 31                                                                                                                                                  |
| Amount e                                                                                                                     | xpended<br>Totai                                                                                                               |                                                                                                                           |                                                                          |                                                      |        |       | •          | \$13,066                                                                               | 31                                                                                                                                                  |
|                                                                                                                              | TOTAL                                                                                                                          | . Reg                                                                                                                     | ULAR                                                                     | Expi                                                 |        |       | •          |                                                                                        |                                                                                                                                                     |
| Amount e<br>Expenditures,                                                                                                    | Totai<br>administ                                                                                                              | . Reg<br>tratio                                                                                                           | ULAR                                                                     | Ехрі                                                 |        |       | •          | \$13,066                                                                               | 31                                                                                                                                                  |
| Expenditures,                                                                                                                | Total<br>administ<br>on tide-<br>on inlan                                                                                      | Reg<br>tration<br>water<br>id brid                                                                                        | ular<br>n .<br>bridg<br>lges                                             | Expi<br>ges                                          |        |       | •          | \$13,066<br>96,805<br>6,712                                                            | $     \begin{array}{c}       31 \\       80 \\       36     \end{array} $                                                                           |
| Expenditures,                                                                                                                | Totar<br>administ<br>on tide-<br>on inlan<br>north ya                                                                          | 2 Reg<br>tration<br>water<br>id brid<br>ard an                                                                            | ular<br>n .<br>bridg<br>lges<br>id sta                                   | Expi<br>;<br>;es<br>;<br>ble                         |        |       | •          | \$13,066<br>96,805<br>6,712<br>4,834                                                   | $     \begin{array}{r}       31 \\       80 \\       36 \\       47     \end{array} $                                                               |
| Expenditures,                                                                                                                | Totai<br>administ<br>on tide-                                                                                                  | 2 Reg<br>tration<br>water<br>id brid<br>ard an                                                                            | ular<br>n .<br>bridg<br>lges<br>id sta                                   | Expi<br>;<br>;es<br>;<br>ble                         |        |       |            | \$13,066<br>96,805                                                                     | $     \begin{array}{r}       31 \\       80 \\       36 \\       47     \end{array} $                                                               |
| Expenditures,<br><br><br>                                                                                                    | Totan<br>administ<br>on tide-<br>on inlan<br>north ya<br>south                                                                 | Reg<br>tration<br>water<br>id brid<br>ard an<br>'' '                                                                      | ULAR<br>n.<br>bridg<br>lges<br>id sta                                    | Expr<br>;es<br>ble                                   | ENDITU | JRES. |            | \$13,066<br>96,805<br>6,712<br>4,834                                                   | $     \begin{array}{r}       31 \\       80 \\       36 \\       47     \end{array} $                                                               |
| Expenditures,                                                                                                                | Totar<br>administ<br>on tide-<br>on inlam<br>north ya<br>south<br>expende                                                      | Reg<br>tration<br>water<br>id brid<br>and an<br>                                                                          | ULAR<br>bridg<br>lges<br>d sta<br>, ,,<br>r the                          | Expr<br>;es<br>;ble<br>year,                         | ENDITU | URES. |            | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718                                          | $31 \\ 80 \\ 36 \\ 47 \\ 27$                                                                                                                        |
| Expenditures,<br><br><br>                                                                                                    | Totar<br>administ<br>on tide-<br>on inlam<br>north ya<br>south<br>expende                                                      | Reg<br>tration<br>water<br>id brid<br>and an<br>                                                                          | ULAR<br>bridg<br>lges<br>d sta<br>, ,,<br>r the                          | Expr<br>;es<br>;ble<br>year,                         | ENDITU | URES. |            | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718                                          | $31 \\ 80 \\ 36 \\ 47 \\ 27$                                                                                                                        |
| Expenditures,                                                                                                                | Totar<br>administ<br>on tide-<br>on inlam<br>north ya<br>south<br>expende                                                      | Reg<br>tration<br>water<br>id brid<br>and an<br>                                                                          | ULAR<br>bridg<br>lges<br>d sta<br>t the                                  | Expr<br>ges<br>ble<br>year,                          | ENDITU | URES. |            | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718                                          | $31 \\ 80 \\ 36 \\ 47 \\ 27$                                                                                                                        |
| Expenditures,                                                                                                                | Totar<br>administ<br>on tide-<br>on inlam<br>north ya<br>south<br>expende                                                      | Reg<br>tration<br>water<br>id brid<br>and an<br>                                                                          | ULAR<br>bridg<br>lges<br>d sta<br>, ,,<br>r the                          | Expr<br>ges<br>ble<br>year,                          | ENDITU | URES. |            | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718                                          | $31 \\ 80 \\ 36 \\ 47 \\ 27$                                                                                                                        |
| Expenditures,                                                                                                                | Totan<br>administ<br>on tide-<br>on inlan<br>north ya<br>south<br>expende<br>uary 31,                                          | Reg<br>tration<br>water<br>id brid<br>ard an<br>                                                                          | ULAR<br>bridg<br>lges<br>id sta<br>the<br>the<br>Inco                    | Expr<br>ges<br>ble<br>year,<br>ME.                   | Febr   | URES. | 1,         | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718                                          | $31 \\ 80 \\ 36 \\ 47 \\ 27$                                                                                                                        |
| Expenditures,<br>"'<br>''<br>Total amount<br>1894. to Jan<br>The amount of<br>lector during                                  | Totan<br>administ<br>on tide-<br>on inlan<br>north ya<br>south<br>expende<br>uary 31,<br>of bills of<br>g the yea              | 2 Reg<br>tration<br>water<br>od brid<br>urd an<br><br>ed fon<br>, 1895<br>deposi<br>r was                                 | ULAR<br>bridg<br>lges<br>id sta<br>the<br>the<br>Inco                    | Expr<br>ges<br>ble<br>year,<br>ME.                   | Febr   | URES. | 1,         | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718<br>\$130,137                             | 31<br>80<br>36<br>47<br>27<br>21                                                                                                                    |
| Expenditures,<br>""<br>"<br>"<br>Total amount<br>1894. to Jan<br>The amount of<br>lector during<br>Work done by              | Totar<br>administ<br>on tide-<br>on inlan<br>north ya<br>south<br>expende<br>uary 31,<br>of bills of<br>g the yea<br>this divi | 2 Reg<br>tration<br>water<br>od brid<br>and an<br>and an<br>and an<br>an<br>and for<br>a 1895<br>deposi-<br>r was<br>sion | ULAR<br>bridg<br>lges<br>id sta<br>the<br>the<br>Inco                    | Expr<br>ges<br>ble<br>year,<br>ME.                   | Febr   | URES. | 1,         | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718<br>\$130,137<br>\$130,137                | $31 \\ 80 \\ 36 \\ 47 \\ 27 \\ 21 \\ 62$                                                                                                            |
| Expenditures,<br>"'<br>''<br>Total amount<br>1894. to Jan<br>The amount o<br>lector during<br>Work done by<br>Sale of old ma | Totan<br>administ<br>on tide-<br>on inlam<br>north ya<br>south<br>expende<br>uary 31,<br>of bills of<br>g the yea<br>this divi | 2 Reg<br>water<br>od brid<br>and an<br>(' ')<br>ed for<br>, 1895<br>deposi<br>r was<br>ision                              | ULAR<br>bridg<br>dges<br>d sta<br>the<br>the<br>Inco:<br>ited v<br>as fo | Expi<br>es<br>ble<br>year,<br>me.<br>vith t<br>llows | Febr   | URES. | 1,         | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718<br>\$130,137<br>\$130,137<br>\$98<br>150 | $     \begin{array}{r}       31 \\       80 \\       36 \\       47 \\       27 \\       21 \\       \\       62 \\       00 \\       \end{array} $ |
| Expenditures,<br>""<br>"<br>"<br>Total amount<br>1894. to Jan<br>The amount of<br>lector during<br>Work done by              | Totan<br>administ<br>on tide-<br>on inlam<br>north ya<br>south<br>expende<br>uary 31,<br>of bills of<br>g the yea<br>this divi | 2 Reg<br>water<br>od brid<br>and an<br>(' ')<br>ed for<br>, 1895<br>deposi<br>r was<br>ision                              | ULAR<br>bridg<br>dges<br>d sta<br>the<br>the<br>Inco:<br>ited v<br>as fo | Expr<br>ges<br>ble<br>year,<br>ME.                   | Febr   | URES. | 1,         | \$13,066<br>96,805<br>6,712<br>4,834<br>8,718<br>\$130,137<br>\$130,137                | $     \begin{array}{r}       31 \\       80 \\       36 \\       47 \\       27 \\       21 \\       \\       62 \\       00 \\       \end{array} $ |

### TIDE-WATER BRIDGES.

Broadway bridge (over Fort-Point Channel). Sheathed draw and roadway, put in new section of iron fence, put down new wheel guards, repaired piers and waterways, repaired engines, machinery, latches. etc.

| accounter, o |       |    |   |         |    |
|--------------|-------|----|---|---------|----|
| Carpenters   |       |    |   | \$2,101 | 23 |
| Painters     |       |    |   | 15      | 75 |
| Lumber       |       |    |   | 1,478   | 24 |
| Nails .      |       |    |   | 115     | 00 |
| Ironwork     |       |    |   | 994     | 90 |
| Repairing en | ngine | es |   | 48      | 23 |
| Hardware     |       |    |   | 14      | 57 |
| Paint stock  |       |    |   | 3       | 30 |
| Cement       |       |    | • | 1       | 20 |
| Teaming      |       |    |   | 9       | 00 |
| Smoke-stack  | ζ     |    |   | 7       | 00 |

\$4,788 42

Regular expenses :

|             |     | 0 44 -0 -0 -0 - |      |             |
|-------------|-----|-----------------|------|-------------|
| Draw-tende  | rs  | •               | . \$ | $5,737\ 86$ |
| Substitutes |     |                 |      | $54 \ 42$   |
| Coal .      |     |                 |      | $190 \ 08$  |
| Gas .       | •   |                 | . 0  | $57 \ 07$   |
| Water .     |     |                 |      | $25 \ 00$   |
| Falls .     |     |                 |      | $22 \ 10$   |
| Ice .       |     |                 |      | 6 00        |
| Small suppl | ies |                 |      | 62 83       |
|             |     |                 |      |             |

6,155 36

\$10,943 78

Cambridge-street bridge (from Brighton to Cambridge).

Sheathed roadway and draw, repaired waterways, piers, and draw-tender's house, and made general repairs on hoisting machinery.

| Carpenters  |        | •    |   | • | \$124 | 50 |       |     |
|-------------|--------|------|---|---|-------|----|-------|-----|
| Lumber      |        |      |   |   | 94    | 88 |       |     |
| Nails .     |        |      |   |   | 2     | 25 |       |     |
| Ironwork    |        |      |   |   | 139   | 45 |       |     |
| Hardware    |        |      |   |   | 1     | 95 |       |     |
| Car-fares   |        |      |   |   | -     | 75 |       |     |
| Smoke-stack | -      | •    | • | • |       | 75 |       |     |
| Smoke-statt | 7      | •    | • | • | U     | 10 | 0070  | ~ 0 |
|             |        |      |   |   |       |    | \$376 | 53  |
| Regular e   | x pens | ses: |   |   |       |    |       |     |
| Draw-tender |        |      |   |   | \$365 | 56 |       |     |
| Coal .      |        |      |   |   | 4     | 33 |       |     |
| Small suppl | ies    |      |   |   | 9     | 07 |       |     |
|             |        |      |   |   |       |    | 378   | 96  |
|             |        |      |   |   |       |    |       |     |

755 49

\$11,699 27

Carried forward,

Brought forward,

Charles-river bridge (from Boston to Charlestown).

Sheathed draw and repaired deck, put in new timbers on side of abutments, repaired sidewalks, capping, fences, draw-tender's house, piers, and waterway, built two new road-gates and repaired the two old ones, general repairs on machinery and engine, repaired track-timbers and boat, painted bridgebuildings and fence, and special contract work done by Trumbull & Ryan, strengthening the piles and under-timbers.

| and under-uniters.                                   |           |    |            |            |
|------------------------------------------------------|-----------|----|------------|------------|
| Carpenters                                           | \$866 2   | 25 |            |            |
| Painters                                             | 331 (     | 00 |            |            |
| Lumber                                               | 701 8     | 37 |            |            |
| Nails                                                | 48 7      | 70 |            |            |
| Ironwork                                             | 600 8     | 33 |            |            |
| Repairing engiue,                                    | 105 8     |    | e          |            |
| Hardware                                             | 12 4      |    |            |            |
| Paint stock .                                        | 69 4      |    |            |            |
|                                                      | 00 1      | 10 |            |            |
| Repairing radia-                                     | $26^{-7}$ | 74 |            |            |
| tor, trap, etc                                       |           |    |            |            |
| Painting signs .                                     | 8 (       |    |            |            |
| Brick                                                | 3 (       | 00 | *****      |            |
|                                                      |           |    | \$2,774 12 |            |
| Contract work :                                      |           |    |            |            |
| Advertising .                                        | \$5 9     | 25 |            |            |
| Inspector                                            | 188 (     | 00 |            |            |
| Piles                                                | 171 \$    |    |            |            |
| Spurshores                                           | 185 (     |    |            |            |
| Girders and braces,                                  | 570 (     |    |            |            |
| Girders and caps,                                    | 159 (     |    |            |            |
| Stringers and bol-                                   | 100 (     | 00 |            |            |
| sters                                                | 28 (      | 90 |            |            |
|                                                      | 959 7     |    |            |            |
| Labor                                                |           |    | -          |            |
| Lumber                                               | 353       |    |            |            |
| Ironwork                                             | 244       |    |            |            |
| $15\%$ added $\cdot$                                 | 237 3     | 39 |            |            |
|                                                      |           |    | 3,103 19   |            |
|                                                      |           |    |            | \$5,877 31 |
| Regular expenses :                                   |           |    |            |            |
| Draw-tenders .                                       |           |    | \$5,023 46 |            |
| Coal                                                 |           |    | 399 48     |            |
| Gas                                                  |           | •  | 29 97      |            |
| Water                                                |           |    | 25 00      |            |
| Cordage                                              | •         | ÷  | 159 30     |            |
| · · ·                                                | •         | •  | 6 00       |            |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | •         | •  | 5 20       |            |
|                                                      | •         | •  | 52 90      |            |
| Lubricating oil .                                    | •         | •  |            |            |
| Grate                                                | •         | •  | 11  50     |            |
|                                                      |           |    |            |            |

Carried forward,

\$5,712 81 \$5,877 31 \$11,699 27

| STREET DEPARTMENT — BRIDGE DI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | VISION. 119    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Brought forward \$5 712 81 \$5 877                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 31 \$11,699 27 |
| Snatch block $10.50$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | or wrig000 _1  |
| Brought forward,         \$5,712         \$1         \$5,877           Snatch block         .         .         10         50           Kerosene         .         .         8         88           Small supplies         .         .         72         25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |
| Small supplies 72–25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |
| 5,804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 44             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |
| Chelsea bridge [North] (over North cham<br>Mystic river).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |
| Sheathed draw and repaired deck, also repai                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | red            |
| latches, piers, waterway, and engine-house,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
| justed draw, general repairs on machinery a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
| engine, repaired boat and reset two buoys.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |
| Carpenters \$624 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |
| Painters 33 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
| Painters         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .< |                |
| Nails 12 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
| Nails         .         .         .         12         50         .           Ironwork         .         .         .         159         74           Repairing engine         .         .         .         38         69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |
| Renairing engine 38.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
| Hardware 9 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |
| Paint stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
| Dlumbing 4.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |
| Resetting buoys       .       .       4 24         Resetting buoys       .       .       101 50         Wire cable for draw       .       .       40 83         Repairing boat       .       .       18 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |
| Wire cable for draw 40.83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |
| Repairing boat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 94             |
| Regular expenses :<br>Draw-tenders \$3,589 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |
| Draw-tenders \$3,589 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |
| Substitutes 330-68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |
| Coal       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                          |                |
| Gas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |
| Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |
| Ice 6 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |
| Lubricating oil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |
| Small supplies 53 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |
| 4,328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 74             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5,906_68       |
| Chelsea bridge [South] (over South channed Mystic river).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |
| Sheathed draw and repaired deck, repaired wat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ter-           |
| ways, road-gates, and boat, made general repaired                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | airs           |
| on engine and draw machinery, and painted dra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | W-             |
| tenders' house inside.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
| Carpenters \$286.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |

| Carpenters  |     |   | \$286 25        |
|-------------|-----|---|-----------------|
| Painters    |     |   | 177 00          |
| Lumber      |     |   | $304_{-}96_{-}$ |
| Nails .     |     |   | $4^{-}75$       |
| Ironwork    |     | - | $28 \ 78$       |
| Hardware    |     |   | $_{-}$ 27 31    |
| Paint stock |     |   | $37 \ 12$       |
| Repairing b | oat |   | 10 00           |
| . 0         |     |   |                 |

Carried forward,

\$876 17

\$876 17 \$29,287 70

| Drought formand                                                                                                                                                          | 00-0 1-      | 600 005 F0  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| Brought forward,<br>Regular expenses :                                                                                                                                   | 5510 11      | \$29,287 70 |
|                                                                                                                                                                          |              |             |
| Draw-tenders                                                                                                                                                             |              |             |
| Coal                                                                                                                                                                     | •            |             |
|                                                                                                                                                                          |              |             |
|                                                                                                                                                                          |              |             |
|                                                                                                                                                                          |              |             |
|                                                                                                                                                                          |              |             |
|                                                                                                                                                                          |              |             |
|                                                                                                                                                                          |              |             |
| Small supplies 38 82                                                                                                                                                     | 1 000 02     |             |
|                                                                                                                                                                          | 4,893 26     |             |
|                                                                                                                                                                          |              | 5,769 43    |
| Chelsea-street bridge (from East Bost                                                                                                                                    | ton to Chels | sea).       |
| Repaired sheathing on roadway and draw.                                                                                                                                  |              | ŕ           |
| Carpenters \$2 50                                                                                                                                                        |              |             |
| Lumber 9 52                                                                                                                                                              |              |             |
| Nails 10 00                                                                                                                                                              |              |             |
| Ironwork                                                                                                                                                                 |              |             |
| Car-fares 1 50                                                                                                                                                           |              |             |
|                                                                                                                                                                          | \$104 84     |             |
| Regular expenses :                                                                                                                                                       |              |             |
| Draw-tender \$287 50                                                                                                                                                     |              |             |
| Lubricating oil 3 50                                                                                                                                                     |              |             |
|                                                                                                                                                                          | $291 \ 00$   |             |
|                                                                                                                                                                          |              | 395 84      |
| Commercial Point or Tenean brid                                                                                                                                          | ge (Dor-     |             |
| chester).                                                                                                                                                                | 0- 1         |             |
| Repaired deck, sheathing, and hoisting m                                                                                                                                 | nachinerv.   |             |
| made new flaps and painted fence.                                                                                                                                        |              |             |
| Carpenters \$44 25                                                                                                                                                       |              |             |
| Painters                                                                                                                                                                 |              |             |
| Lumber                                                                                                                                                                   |              |             |
| Ironwork                                                                                                                                                                 |              |             |
| Lumber       .       .       14       94         Ironwork       .       .       .       32       06         Paint stock       .       .       .       .       7       17 |              |             |
| Car-fares 4 80                                                                                                                                                           |              |             |
|                                                                                                                                                                          | \$137 47     |             |
| Regular expenses :                                                                                                                                                       | Q101 T1      |             |
| Draw-tender                                                                                                                                                              | 50 00        |             |
|                                                                                                                                                                          | 50 00        | 187 47      |
|                                                                                                                                                                          |              | 10/ 4/      |

**Congress-street bridge** (over Fort-Point channel). Sheathed draw twice, repaired pier, latches on draw, waterways, and draw-tenders' house, general repairs made on engines and machinery, repaired fender-guard and boat, painted bridge and fences, and red-leaded all ironwork.

| Carpenters |  |  | \$425 | 70 |
|------------|--|--|-------|----|
| Painters   |  |  | 980   | 75 |
| Lumber     |  |  | 512   | 32 |
| Nails .    |  |  | 28    | 90 |
|            |  |  |       |    |

Carried forward,

\$1,947 67

\$35,640 44

120

| Ducus       | lit form |       |   |     | \$1,947 | 67           |         |    |
|-------------|----------|-------|---|-----|---------|--------------|---------|----|
| Brough      |          | sara, | , |     | '       |              |         |    |
| Ironwork    | •        | •     |   | •   | 389     |              |         |    |
| Hardware    |          |       |   |     | 9       | 79           |         |    |
| Paint stock | τ.       |       |   | · . | 205     | 72           |         |    |
| Repairing   | boat     |       |   |     | 22      | 85           |         |    |
| Repairing   | piling   |       |   |     | 186     | 74           |         |    |
| Teaming     |          |       |   |     | 23      | 00           |         |    |
| 0           |          |       |   |     |         |              | \$2,785 | 14 |
|             |          |       |   |     |         |              |         |    |
| Regular     | expen    | ses : |   |     |         |              |         |    |
| Draw-tende  | ers      |       |   |     | \$5,133 | 03           |         |    |
| Substitutes |          |       |   |     | 467     | 49           |         |    |
| Coal .      |          |       |   |     | 289     | 60           |         |    |
| Water.      |          |       |   |     | 106     | 75           |         |    |
| Grates      |          |       |   |     | 47      | 44           |         |    |
| Kerosene    |          |       |   |     | 38      | 53           |         |    |
| Copper pai  | 18       |       |   |     | 7       | 10           |         |    |
| Clock       |          |       | ÷ |     | -       | $\tilde{00}$ |         |    |
| Ice .       | •        |       | • | •   |         | 00           |         |    |
|             | •        | •     | • | •   |         |              |         |    |
| Waste.      | •        | •     | • | •   | 8       | 10           |         |    |
| Salt .      |          |       |   |     | 6       | 80           |         |    |
| Small supp  | lies     |       |   |     | 89      | 48           |         |    |
|             |          |       |   |     | •       |              | 6,210   | 32 |
|             |          |       |   |     |         |              |         |    |

8,995 46

Dover-street bridge (over Fort-Point channel). Built temporary fence, repaired foot-bridge, raised and repaired draw-tenders' house and painted same inside and out two coats.

| same inside     | ana  | outt | wo co | pats.   |    |            |          |
|-----------------|------|------|-------|---------|----|------------|----------|
| Carpenters .    |      |      |       | \$330   | 00 |            |          |
| Painters .      |      |      |       | 312     | 25 |            |          |
| Lumber .        |      |      |       | 207     | 60 |            |          |
| Nails           |      |      |       | 28      | 00 |            |          |
| Ironwork .      |      |      | -     | 4       | 26 |            |          |
| Hardware .      |      |      |       | 26      | 73 |            |          |
| Paint stock .   |      |      |       | 37      | 70 |            |          |
| Plumbing .      |      |      |       | 12      | 50 |            |          |
| Wire cable for  | drav | v .  |       | 46      | 54 |            |          |
| Plastering hous | е.   |      |       | 136     | 25 |            |          |
| New chimney     |      |      |       | 17      | 63 |            |          |
| Lettering signs |      |      |       | 10      | 00 |            |          |
|                 |      |      |       |         |    | \$1,169 46 |          |
| Regular expe    | nses | :    |       |         |    |            |          |
| Draw-tenders    |      |      |       | \$2,912 | 63 |            |          |
| Substitutes .   |      |      |       | 1,022   | 60 |            |          |
| Coal            |      |      |       | 19      | 56 |            |          |
| Cordage .       |      |      |       | 10      | 05 |            |          |
| Ice             |      |      |       | 6       | 00 |            |          |
| Small supplies  |      |      |       | 30      | 59 |            |          |
|                 |      |      |       |         |    | 4,001 $43$ |          |
|                 |      |      |       |         |    |            | 5,170 89 |

Carried forward,

\$49,806 79

\$35,640 44

| 122                                      | CITY       | Docu    | MENT NO                                                                | . 34.      |             |
|------------------------------------------|------------|---------|------------------------------------------------------------------------|------------|-------------|
|                                          |            |         |                                                                        |            | # 10 000 =0 |
| Brought for                              |            | 10      | D 1 1.                                                                 |            | \$49,806 79 |
| Essex-street                             | bridge     | (from   | Brighton                                                               | to Cam-    |             |
| bridge).                                 |            | , .     |                                                                        |            |             |
| Repaired deck, s                         |            |         |                                                                        |            |             |
| Carpenters .                             | • • •      | •       | \$197 96                                                               |            |             |
| Lumber .                                 | • •        | •       | $\begin{array}{ccc}173&26\\14&00\end{array}$                           |            |             |
| Nails                                    | • •        |         |                                                                        |            |             |
| Ironwork .                               | • •        | •       | 21 58                                                                  | 100.00     |             |
| D                                        |            |         |                                                                        | 406 80     |             |
| Regular exper                            | ises:      |         | ¢659 99                                                                |            |             |
| Draw-tender                              | · ·<br>· · | •       | 1000 0Z                                                                |            |             |
| Substitute .                             | • •        | •       | 12 00<br>9 46                                                          |            |             |
| Coal                                     | • •        | •       | $\begin{array}{c} 6 & 46 \\ 6 & 50 \end{array}$                        |            |             |
| Lubricating oil<br>Small supplies        | • •        | •       |                                                                        |            |             |
| Small supplies                           | • •        | •       | 0 20                                                                   | CO 4 99    |             |
|                                          |            |         |                                                                        | $694 \ 22$ | 1 101 09    |
| Wadanal street                           | tibuidaa   | (orrow) | Fout Point                                                             |            | 1,101 02    |
| Federal-stree                            | eroriage   | (over)  | rort-roint                                                             | built hom  |             |
| Sheathed draws                           |            |         |                                                                        |            |             |
| float stage, r                           | epaired ]  | pier, w | aterways,                                                              | and ma-    |             |
| chinery, paint                           | sed rence  | -gate a | ind red-les                                                            | aded fron- |             |
| work.                                    |            |         | #244 19                                                                |            |             |
| Carpenters .                             | • •        | •       | \$244 12                                                               |            |             |
| Painters .                               | • •        | •       | 15 00                                                                  |            |             |
| Lumber .<br>Nails                        | • •        | •       | 333 58                                                                 |            |             |
| Nails                                    |            | •       | 17 88                                                                  |            |             |
| Ironwork .                               | •••        | •       | 172 89                                                                 |            |             |
| Hardware .                               |            | •       | 24 61                                                                  |            |             |
| Paint stock .                            | • •        | •       | 3 14                                                                   |            |             |
| Plumbing .                               | · ·        | •       | 30 77                                                                  |            |             |
| Repairing motor.                         | house.     |         | $40\ 25$                                                               |            |             |
| Repairing rail-fe                        | nce .      |         | 19 52                                                                  |            |             |
| Two wire cables                          | for draw   | s.      | 36 99                                                                  |            |             |
| Running wires for                        |            |         | $91 \ 00$                                                              |            |             |
| Galvanized pipe                          |            |         | $19 \ 17$                                                              |            |             |
| Smoke-stack                              | • •        | • -     | 10 55                                                                  | 01 070 4F  |             |
| Domiter                                  |            |         |                                                                        | \$1,059 47 |             |
| Regular exper                            |            | da :    | 5 007 96                                                               |            |             |
| Draw-tenders                             |            |         | 5,997 86                                                               |            |             |
| Substitutes .                            |            | •       | 195 00                                                                 |            |             |
| Coal                                     | • •        | •       | 52 85                                                                  |            |             |
| Gas<br>Water .                           | • •        | •       | $\begin{array}{ccc} 50 & 57 \\ 10 & 00 \end{array}$                    |            |             |
| water .                                  | • •        | •       |                                                                        |            |             |
| Ice<br>Lubricating oil<br>Small supplies | • •        | •       | $   \begin{array}{c}     6 & 00 \\     98 & 00   \end{array} $         |            |             |
| Lubricating oil                          | • •        | •       | $   \begin{array}{cccc}       28 & 00 \\       42 & 47   \end{array} $ |            |             |
| small supplies                           | • •        | •       | $43 \ 47$                                                              | 6 999 75   |             |
|                                          |            |         |                                                                        | 6,383 75   | 7,443 22    |
| Granite brid                             | ge (from   | n Dore  | hester to I                                                            | Milton).   | 1,110 22    |

Carried forward,

 $$59 \ 75$ 

\$58,351 03

| Brought for     | <b>rw</b> ard | 1, | \$59 75    |          | \$58,351 03 |
|-----------------|---------------|----|------------|----------|-------------|
| Lumber .        |               |    | 76 62      |          |             |
| Nails .         |               |    | 2 25       |          |             |
| Ironwork .      |               |    | $163 \ 03$ |          |             |
|                 |               |    |            | \$301 65 |             |
| Regular expe    | nses          | :  |            |          |             |
| Draw-tender     |               |    | \$239 20   |          |             |
| Lubricating oil |               |    | $5 \ 75$   |          |             |
| Small supplies  |               |    | 1 94       |          |             |
|                 |               |    |            | 246 89   |             |
|                 |               |    |            |          | 549 54      |

548 54

L-street bridge (over reserved channel at junction of Congress and L streets).

Repaired waterways and piers, minor repairs on engines, and a little painting done inside draw-tenders' house.

| oro nou     |    |     |     |       |    |   |
|-------------|----|-----|-----|-------|----|---|
| Carpenters  | •  |     |     | \$151 | 07 |   |
| Painters    |    |     |     | 15    | 00 |   |
| Lumber      |    |     | •   | 101   | 97 |   |
| Nails .     |    |     | • 1 | 17    | 50 |   |
| Ironwork    |    |     |     | 32    | 89 |   |
| Repairing   |    | nes |     | 12    | 55 |   |
| Hardware    |    |     |     | 14    | 69 |   |
| Paint stock |    |     |     | 18    |    | • |
| Plumbing    |    |     |     | 56    | 30 |   |
| Smoke-sta   | ek |     |     | 9     | 85 |   |

**Regular** expenses :

| Draw-tenders    |  | \$2,468      | 11   |            |    |
|-----------------|--|--------------|------|------------|----|
| Substitutes .   |  | 600          | 06 - |            |    |
| Coal            |  | 164          | 32   |            |    |
| Water .         |  | 86           | 00   |            |    |
| Ice             |  | 6            | 00 - |            |    |
| Bedding .       |  | 27           | 00   |            |    |
| Stove           |  | 19 -         | 45   |            |    |
| Lubricating oil |  | 11 8         | 50   |            |    |
| Packing .       |  | 18 9         | 96   |            |    |
| Clock           |  | $10^{-1}$    | 00   |            |    |
| Grates .        |  | 9 9          | 96   |            |    |
| Copper pans     |  | $27^{\circ}$ | 90   |            |    |
| Small supplies  |  | 78 :         | 58   |            |    |
|                 |  |              |      | $^{3,527}$ | 84 |

3,958 41

Malden bridge (from Charlestown to Everett). Sheathed draw, repaired waterways, piers, wheelguards, sidewalk, and fence, adjusted draw, put in new water service, and painted honse and fence two coats.

| Carpenters<br>Painters |       | •     |  | \$343<br>24 |    |             |  |
|------------------------|-------|-------|--|-------------|----|-------------|--|
| Carrie                 | l foi | ward. |  | \$367       | 89 | \$62,857 98 |  |

### -123

\$430 57

| Brough       | t foru | vard  | ,     |    | \$367   | 89   |           | \$62,857 | 98           |
|--------------|--------|-------|-------|----|---------|------|-----------|----------|--------------|
| Lumber       | •      |       | •     |    | - 187   | 57   |           |          |              |
| Nails .      |        |       |       |    | 4       | 50   |           |          |              |
| Ironwork     |        |       |       |    | 100     | ) 86 |           |          |              |
| Paint stock  |        |       |       |    | 2       | 5 21 |           |          |              |
| Plumbing     |        |       |       |    | 40      | ) 70 |           |          |              |
| Car-fares    |        |       |       |    |         | 2 30 |           |          |              |
|              |        |       |       |    |         |      | \$709 03  |          |              |
| Regular e    | xpens  | ses : |       |    |         |      |           |          |              |
| Draw-tende   | rs     |       |       |    | \$2,791 | 36   |           |          |              |
| Substitutes  |        |       |       |    |         | 00   |           |          |              |
| Coal .       |        |       |       |    | 28      | 3 59 |           |          |              |
| Gas .        |        |       |       |    | 17      | 83   |           |          |              |
| Water .      |        |       |       |    | 10      | 00   |           |          |              |
| Ice .        |        |       |       |    | (       | 5 00 | \$P       |          |              |
| Lubricating  | oil    |       |       |    | Ę       | 90   | Ŷ         |          |              |
| Row-boat     |        |       |       |    | 67      | 50   |           |          |              |
| Small suppli | ies    |       |       |    | 44      | . 11 |           |          |              |
| 11           |        |       |       |    |         |      | 3,046 29  |          |              |
|              |        |       |       |    |         |      |           | 3,755    | $32^{\circ}$ |
| Meridian     | -stre  | et k  | ridge | (f | rom I   | East | Boston to | ,        |              |

t ninge Chelsea). Sheathed draw, repaired waterway, piers, fence, road-

gates, and latches, made general repairs on draw machinery, repaired draw-tenders' house and boat, and painted bridge underneath and overhead, and buildings one coat.

| Carpenters .   |   |   |   | \$682 | 75 |                |    |  |
|----------------|---|---|---|-------|----|----------------|----|--|
| Painters .     |   |   |   | 479   | 88 |                |    |  |
| Lumber .       |   |   |   | 300   | 11 |                |    |  |
| Nails          |   |   |   | 12    | 50 |                |    |  |
| Ironwork .     |   |   |   | 288   | 67 |                |    |  |
| Hardware .     |   |   |   | 20    | 83 |                |    |  |
| Paint stock .  |   |   |   | 100   | 66 |                |    |  |
| Plumbing .     |   |   |   | 43    |    |                |    |  |
| Ferry-fares .  |   |   |   |       | 00 |                |    |  |
| Resetting buoy |   |   |   | 50    |    |                |    |  |
| Making patter  |   |   |   | 12    |    |                |    |  |
| Repairing boat |   |   | • | 14    |    |                |    |  |
| Chimney pot    |   |   |   | 11    |    |                |    |  |
| Sundries .     | , | • | • | 15    |    |                |    |  |
| Sandries .     | • | • | • | 10    | 00 | \$2,032        | 75 |  |
|                |   |   |   |       |    | $\psi_{2},002$ | 10 |  |

Regular expenses :

| Draw-tende: | rs |  | . 8 | \$2,791 | 36 |
|-------------|----|--|-----|---------|----|
| Substitutes |    |  |     | 880     | 68 |
| Coal .      |    |  |     | 24      | 81 |
| Feed .      |    |  |     | 118     | 95 |
| Gas .       |    |  |     | 9       | 73 |
| Water .     |    |  |     | 10      | 00 |
| Horseshoein | g  |  |     | 41      | 55 |

Carried forward,

\$3,877 08 \$2,032 75 \$66,613 30

| Brought forward,     |           | 83,877    | 08 \$: | 2,032  | 75   | \$66,613 | 30 |
|----------------------|-----------|-----------|--------|--------|------|----------|----|
| Veterinary service   |           | 22        | 00     |        |      |          |    |
| Ice                  |           | 6         | 00     |        |      |          |    |
| Lubricating oil .    |           | 11        | 40     |        |      |          |    |
| Small supplies .     |           | 36        | 17     |        |      |          |    |
| · · ·                |           |           | 8      | 3,952  | 65   |          |    |
|                      |           |           | _      |        |      | 5,985    | 40 |
| Mt. Washington-a     | venue b   | ridge (o  | ver Fe | ort-Pc | oint |          |    |
| channel).            |           | - · ·     |        |        |      |          |    |
| Sheathed draw twice, | repaire   | d fence   | and s  | idewa  | lk,  |          |    |
| sheathed pier, repa  | ired wa   | terways,  | latel  | nes, a | und  |          |    |
| boat, made sanitary  | repairs i | in draw-t | ender  | s' hou | se,  |          |    |
| and painted bridge a | and buil  | ldings.   |        |        |      |          |    |
| Carpenters           |           |           | 25     |        |      |          |    |
| D the                |           |           |        |        |      |          |    |

| Painters    |       |     |  | 354  | 00 |         |    |
|-------------|-------|-----|--|------|----|---------|----|
| Lumber      |       |     |  | -780 | 63 |         |    |
| Nails .     |       |     |  | 32   | 55 |         |    |
| Ironwork    |       |     |  | 124  | 87 |         |    |
| Hardware    |       |     |  | 5    | 20 |         |    |
| Paint stock |       |     |  | 74   | 26 |         |    |
| Plumbing    |       |     |  | 104  | 76 |         |    |
| Car-fares   |       |     |  | 1    | 80 |         |    |
| Repairing b | oat   |     |  | 29   | 50 |         |    |
| Damage to   | schoo | ner |  | 11   | 50 |         |    |
| Small sundr |       |     |  | 6    | 48 |         |    |
|             |       |     |  |      |    | \$2,318 | 80 |

Regular expenses :

|           | er empe |     |      |               |         |
|-----------|---------|-----|------|---------------|---------|
| Draw-tei  | nders   |     | . \$ | 4,486 56      |         |
| Substitut | tes .   |     |      | $56 \ 28$     |         |
| Coal .    |         |     |      | $41 \ 21$     |         |
| Gas .     |         |     |      | $81 \ 38$     |         |
| Water .   |         |     |      | $10 \ 00$     |         |
| Ice .     |         |     |      | 6 00          |         |
| Lubricat  | ing oil |     |      | $25 \ 75$     |         |
| Stove an  | d repa  | irs |      | $12 \ 12$     |         |
| Rent of   | land    |     |      | 60 00         |         |
| Small su  | pplies  |     |      | $82 \cdot 14$ |         |
|           |         |     |      |               | 4,861 4 |
|           |         |     |      |               | 4,00.   |

4,861 44

7,180 24

# Neponset bridge (from Dorchester to Quincy). Repaired deck and sheathed roadway, repaired flaps, piers, waterways, and boat.

| [See Spec    | ial, " | Stree | t Im | orovei | nent | s, Wa | rd 24. | "] , |
|--------------|--------|-------|------|--------|------|-------|--------|------|
| Carpenters . |        |       |      | . 8    | 362  | 00    |        | ~    |
| Lumber       | •      |       |      |        | 81   | 04    |        |      |
| Nails .      |        |       |      |        | 39   | 25    |        |      |
| Ironwork     |        |       |      |        | -64  | 19    |        |      |
| Hardware     |        |       |      |        | 7    | 58    |        |      |
| Car-fares    |        |       |      |        | 3    | 10    |        |      |
| Repairing bo | Dat    |       |      |        | -18  | 00 *  |        |      |
|              |        |       |      |        |      |       | \$575  | 16   |

Carried forward,

\$575 16 \$79,778 94

125

| <i>Brougi</i><br>Regular                                | ht fori | vard,  |       |                 |                  |      | \$57         | $5 \ 16$   | \$79,778 94                               |
|---------------------------------------------------------|---------|--------|-------|-----------------|------------------|------|--------------|------------|-------------------------------------------|
|                                                         |         | ses :  |       |                 | ***              |      |              |            |                                           |
| Draw-tende                                              |         | •      | •     | •               |                  |      |              |            |                                           |
| Lubricating                                             | ; OII   | •      | •     | •               |                  | 75   |              |            |                                           |
| Small supp                                              | lies    | •      |       |                 | 2                | 63   |              |            |                                           |
|                                                         |         |        |       |                 |                  |      | · 40         | 7 22       |                                           |
|                                                         |         |        |       |                 |                  |      |              |            | $982 \ 38$                                |
| North B<br>Water                                        | town)   | •      |       |                 |                  |      |              | on to      |                                           |
| Laid new d                                              | eck or  | 1 drav | v and | shea            | thed             | the  | e same.      |            |                                           |
| Carpenters                                              |         | • '    |       |                 | \$40             | 00   |              |            | 1. A. |
| Lumber                                                  |         |        |       |                 | 35               | 31   |              |            |                                           |
| Nails .                                                 |         |        |       |                 | 2                | 25   |              |            |                                           |
| ~ .                                                     |         |        |       |                 |                  | -65  |              |            |                                           |
| Sundries                                                |         |        |       | •               |                  | 00   |              |            |                                           |
| Sundries                                                | •       | •      | •     | •               | بك               | 00   | ¢0.(         | י ה י      |                                           |
| Dogulan                                                 |         |        |       |                 |                  |      | \$90         | 3 21       |                                           |
| Regular e                                               |         | ses :  |       |                 |                  |      |              |            |                                           |
| Draw-tende                                              | r       | •      | •     | •               | •                | •    | 74           | 88         |                                           |
|                                                         |         |        |       |                 |                  |      |              |            | $171 \ 09$                                |
| North H                                                 | arvar   | d-str  | eet b | ridge           | e (fr            | om   | Brighto      | n to       |                                           |
| Cambri                                                  | dge).   |        |       |                 |                  |      |              |            |                                           |
| Sheathed ro                                             | adwa    | v and  | draw  | . and           | ont              | in 1 | new flar     | S.         |                                           |
| Carpenters                                              |         |        |       | ,               | \$34             |      | now mut      |            |                                           |
| Lumber                                                  |         | •      | •     | •               | 73               |      |              |            |                                           |
| Nails .                                                 | •       | •      | •     | •               |                  |      |              |            |                                           |
| Ironwork                                                | •       | •      | •     | •               | $\frac{2}{213}$  | 20   |              |            |                                           |
|                                                         | •       | •      | •     | •               | 215              | 99   |              |            |                                           |
| Car-fares                                               | •       | •      |       | •               | 5                | 80   |              |            |                                           |
|                                                         |         |        |       |                 |                  |      | \$329        | 71         |                                           |
| Regular e                                               |         | es:    |       |                 |                  |      |              |            |                                           |
| Draw-tender                                             | r       |        |       | •               |                  |      | 365          | 56         |                                           |
|                                                         |         |        |       |                 |                  |      |              |            | $695 \ 27$                                |
| Warren                                                  | hrido   | e (fro | un Be | oston           | to C             | har  | lestown      | )          |                                           |
| Sheathed b                                              | oth d   | raws   | three | tim             |                  | ana  | irod ni      | )•<br>0.25 |                                           |
| waterway                                                | and     | fonde  |       | 5 01111<br>nd 0 | dina             | epa  | tree pro     | ers,       |                                           |
| water way                                               | , and   | rende  | n-gua | ru, a           | ajus             | red  | tracks,      | re-        |                                           |
| paired bos                                              | at, ge  | neral  | repan | rs ma           | ade c            | on e | ngines :     | and        |                                           |
| inachinery                                              | , and   | i par  | nted  | top             | and              | un   | derside      | of         |                                           |
| bridge an                                               |         |        |       |                 |                  |      |              |            |                                           |
| Carpenters                                              | •       | •      | •     |                 | 774              |      |              |            |                                           |
| Painters                                                | •       |        |       |                 | 928              | 82.  |              |            |                                           |
|                                                         | •       | , .    |       |                 | 936              | 27   |              |            |                                           |
| Nails .                                                 |         |        |       |                 | 44               | 00   |              |            |                                           |
| Nails .<br>Ironwork<br>Repairing er                     |         |        |       |                 | 543              | 40   |              |            |                                           |
| Repairing er                                            | gine .  |        |       |                 | 116              |      |              |            |                                           |
| Hardware                                                |         |        |       |                 | 2                |      |              |            |                                           |
|                                                         |         |        |       |                 | $194^{-1}$       |      |              |            |                                           |
| Paint stock<br>Plumbing<br>Wire cable f<br>Repairing ro | • •     |        |       |                 | $134 \\ 124$     | ~ -  |              |            |                                           |
| Wire coble f                                            | ou day  |        |       |                 | $\frac{124}{22}$ |      |              |            |                                           |
| Popointing                                              | of      |        |       |                 |                  |      |              |            |                                           |
| Repairing ro                                            |         | •      |       |                 | 35               |      |              |            |                                           |
| Small sundri                                            | es .    |        | •     |                 | 9                |      | <b>DO FO</b> |            |                                           |
|                                                         |         |        |       |                 |                  |      | \$3,732      | 41         |                                           |
| <i>a</i>                                                | 0       |        |       |                 |                  |      |              |            |                                           |
| Carried                                                 | Jorwa   | rd,    |       |                 |                  |      | \$3,732      | 41         | \$81,627 68                               |

| ~                                        | 1 11 1.1.1 |             |       | LULL   |          |       |             |            |
|------------------------------------------|------------|-------------|-------|--------|----------|-------|-------------|------------|
| 77                                       | T. A. Sec. |             |       |        |          |       | 00 700 41   | 001 607 60 |
| Broug                                    |            |             |       |        |          |       | \$0,702 41  | 881,627 68 |
| Regular                                  |            |             |       |        | 0- 04-   | 50    |             |            |
| Draw-tend                                | ers        | •           | •     | •      | \$5,047  | 96    |             |            |
| Substitutes                              | ۰ ف        |             | •     | •      | 267      | 50    |             |            |
| Coal .                                   | •          | •           | •     | •      | 686      |       |             |            |
| Gas .<br>Water.                          | •          | •           | •     | •      | 96       |       |             |            |
|                                          |            |             | •     | •      | 50       |       |             |            |
| Ice .                                    |            |             |       |        | 6        |       |             |            |
| Ladders                                  |            |             |       |        | 9        | 20    | •           |            |
| Small supp                               | lies       |             |       |        | 58       | 53    |             |            |
|                                          |            |             |       |        |          |       | 6,221 27    |            |
|                                          |            |             |       |        |          |       |             | 9,953 68   |
| Wester                                   | 1-ave      | ennel       | brid  | ee (f  | rom Br   | ight  | ion to Cam- | - ,        |
| bridge                                   |            | Jane -      |       | 30 (-  |          | - 0   |             |            |
|                                          |            | and         | roady | vav.   | renaire  | d d   | eck, fence, |            |
| and pier                                 |            | ana         | ouu   | , ay , | repare   | ci ci | con, rence, |            |
| Carpenters                               |            |             |       |        | \$50     | 50    |             |            |
| *                                        |            | •           |       | •      | 111      |       |             |            |
| Lumber                                   | •          | •           | •     | •      |          |       |             |            |
| Nails .                                  | •          | •           | •     | •      | 2        |       |             |            |
| Ironwork                                 |            | •           | •     | •      | 186      |       |             |            |
| Car-fares                                | •          | •           | •     | •      | 10       | 10    | 0000 01     |            |
|                                          |            |             |       |        |          |       | \$360 91    |            |
| Regular                                  | expe       | nses:       |       |        |          |       |             |            |
| Draw-tende                               | er         | •           | •     | •      | \$365    |       |             |            |
| Coal                                     |            |             |       |        | 6        |       |             |            |
| Lubricating                              | g oil      |             |       |        | õ        | 75    |             |            |
|                                          |            |             |       |        |          |       | 377 81      |            |
|                                          |            |             |       |        |          |       |             | 738 $72$   |
| Westerr                                  | l-ave      | nne         | bri   | lge    | (from    | B     | righton to  |            |
| Water                                    | town       | ).          |       | 0      |          |       | 0           |            |
| Sheathed ro                              | badw       | ,<br>ay ano | d dra | w,p    | ut in n  | ew i  | iron ladder |            |
| from dra                                 | aw t       | o pie       | r, b  | uilt   | new t    | ool-l | house and   |            |
| painted                                  |            |             | ,     |        |          |       |             |            |
| Carpenters                               |            |             |       |        | \$162    | 50    |             |            |
| Lumber                                   |            |             |       |        | 181      |       |             |            |
| Nails .                                  |            |             |       |        | 39       |       |             |            |
|                                          |            |             |       |        |          | 30    |             |            |
| Hardware                                 | •          | •           | •     | •      | 4        | 52    |             |            |
| Car-fares                                |            | •           | •     |        | 8        | 00    |             |            |
| Car-rares                                | •          | •           | •     | •      | 0        | 00    | \$404 70    |            |
| Doculan                                  |            |             |       |        |          |       | \$404 IV    |            |
| Regular o                                | exper      | ises :      |       |        | 071      | 00    |             |            |
| Draw-tende                               |            |             |       | •      | \$74     |       |             |            |
| Substitutes                              |            | •           | •     | •      | 43       |       |             |            |
| Substitutes<br>Storage of<br>Small suppl | tools      | •           | •     | •      | 10       |       |             |            |
| Small suppl                              | lies       | •           | •     | •      | 6        | 98    |             |            |
|                                          |            |             |       |        |          |       | $135 \ 36$  |            |
|                                          |            |             |       |        |          |       |             | 540 06     |
|                                          |            | ridge       | (fro  | m B    | reed's i | slan  | d to Win-   |            |
| throp)                                   |            |             |       |        |          |       |             |            |
| Sheathed ro                              | badwa      | ny.         |       |        |          |       |             |            |
| Carpenters                               |            |             |       |        | \$143    | 50    |             |            |
|                                          |            |             |       |        |          |       |             |            |

\$143 50 Carried forward, \$92,860 14

| Brought forward,       \$143 50       \$92,860 14         Lumber       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <th>Broual</th> <th>nt for</th> <th>vard.</th> <th></th> <th></th> <th>\$143</th> <th>50</th> <th></th> <th></th> <th>\$92.860</th> <th>14</th>                    | Broual       | nt for    | vard.   |      |       | \$143   | 50 |        |    | \$92.860 | 14 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|---------|------|-------|---------|----|--------|----|----------|----|
| Nails       15 00         Car-fares       27 35         Regular expenses: $27 35$ Draw-tender       100 00         602 44         Sold 41         Sold 44         Sold 44         Sundry expenditures on tide-water bridges.         Lumber       100 00         Gold 44         Sold 44         Sold 44         Sundry expenditures on tide-water bridges.         Lumber       23 13         Ironwork       127 00         Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics, 37 50       8412 57         Regular expenses :       797 68         Draw-tender's books       80 23         Stationery and postals       16 38         Repairing wagon       52 60         Car-fares       20 00         Small supplies       49 00                                                                                                                                                                                                                                                                                                                                                       |              | -         |         |      |       |         |    |        |    | 952,000  | 14 |
| Car-fares       27 35 $8502 44$ Regular expenses:       000 00         Draw-tender       100 00         Sundry expenditures on tide-water bridges.       602 44         Sumber       84 13         Nails       23 13         Ironwork       127 00         Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics, 37 50         W. E.       """"""""""""""""""""""""""""""""""""                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              | •         | •       | •    | •     |         |    |        |    |          |    |
| \$502 44         Regular expenses :         Draw-tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              | •         | •       | •    | •     | _       |    |        |    |          |    |
| Regular expenses :       100 00       602 44         Sundry expenditures on tide-water bridges.       120 00       602 44         Sundry expenditures on tide-water bridges.       127 00       13         Iromwork       127 00       13       100 00         Hardware       127 00       13       100 00       100 00         Hardware       127 00       13       100 00       100 00         Hardware       127 00       13       100 00       100 00         Bardware       127 00       13       100 00       100 00       100 00         Bardware       127 00       115 00       11 21       11 21       12         Public landings.       11 21       11 21       11 21       11 21       12 1       12 20         Regular expenses:       11 21       11 21       11 21       12 20       14 20       14 20         Stationery       3 46       11 21       14 20       14 20       14 20         Repairs.       Commercial Wharf :       11 21       11 21       14 20       14 20         Ironwork       3 46       11 21       14 20       14 20       14 20       14 20       14 20         Regular expenses :       East Bosto                       | Car-fares    | •         | •       | •    | •     | 27      | 35 |        |    |          |    |
| Draw-tender       100 00       602 44         Sundry expenditures on tide-water bridges.       120 00       602 44         Lumber       84 13       13       100 00       602 44         Nails       23 13       1700000       127 00       141         Hardware       127 00       19 97       131       100 00       100 00         Hardware       19 97       131       100 00       100 00       100 00       100 00         Hardware       19 97       28412 57       150 00       150 00       150 00       150 00         Paint       25 84       150 00       150 00       150 00       150 00       150 00         Regular expenses :       115 00       150 00       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38        |              |           |         |      |       |         |    | \$502  | 44 |          |    |
| Draw-tender       100 00       602 44         Sundry expenditures on tide-water bridges.       120 00       602 44         Lumber       84 13       13       100 00       602 44         Nails       23 13       1700000       127 00       141         Hardware       127 00       19 97       131       100 00       100 00         Hardware       19 97       131       100 00       100 00       100 00       100 00         Hardware       19 97       28412 57       150 00       150 00       150 00       150 00         Paint       25 84       150 00       150 00       150 00       150 00       150 00         Regular expenses :       115 00       150 00       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38       16 38        | Regular      | expen     | ses:    |      |       |         |    |        |    |          |    |
| 602 44         Sundry expenditures on tide-water bridges.         Lumber $\cdot$ $84$ 13         Nails $\cdot$ $23$ 13         Ironwork $\cdot$ $127$ 00         Hardware $\cdot$ $19$ 97         Paint $\cdot$ $25$ 84         Cleaning iron trucks $\cdot$ $600$ 00         B. W. W. tickets, mechanics, $37$ 50       W. E.       "         W. E.       " $115$ 00         Messenger $\cdot$ $797$ 68         Draw-tenders' books $\cdot$ $80$ 23         Stationery and postals $16$ 38         Repairing wagon $\cdot$ $52$ 60         Car-fares $\cdot$ $2,835$ 89         Stationery and postals $16$ 38         Repairing wagon $\cdot$ $52$ 60         Car-fares $\cdot$ $2000$ Small supplies $49$ 00 $2,835$ 89         Autor $602$ 44 $602$ Public landings. $602$ $600$ Isabor. $705$ $821$ 05         East Boston : $600$ $821$ 05         Ironwork<                                                                                                                                                                                                                                                                                                  |              |           |         |      |       |         |    | 100    | 00 |          |    |
| Sundry expenditures on tide-water bridges.         Lumber       84 13         Nails       23 13         Ironwork       127 00         Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics, 37 50         W. E.       "         W. E.       "         Massenger       \$1,820 00         Messenger       797 68         Draw-tenders' books       80 23         Stationery and postals       16 38         Repairing wagon       52 60         Car-fares       20 00         Small supplies       49 00         2,835 89       3,248 46         Public landings.       2,835 89         Repairs.       20 00         Small supplies       49 00         2,835 80       3,248 46         Public landings.       821 05         East Boston :       821 05         Towage       \$7 75         Ironwork       3 46         11 21       \$32 26         Regular expenses :       \$32 26         Last Boston :       94 76         Mather       94 76                                                                                                                                           | Diam tenta   |           | •       | •    | •     | •       | •  | 100    | 00 | <u>.</u> |    |
| Lumber       .       \$4 13         Nails       .       .       23 13         Ironwork       .       .       127 00         Hardware       .       .       19 97         Paint       .       .       .       25 84         Cleaning iron trucks       .       .       .       .       25 84         Cleaning iron trucks       .       .       .       .       .       .         W. W. tickets, mechanics,       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <td< td=""><td>Sundar</td><td>0.77.70.0</td><td>n ditta</td><td>-</td><td> 4</td><td>: 3 4</td><td></td><td></td><td></td><td>602</td><td>44</td></td<>                  | Sundar       | 0.77.70.0 | n ditta | -    | 4     | : 3 4   |    |        |    | 602      | 44 |
| Nails       23 13         Ironwork       127 00         Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics,       37 50         W. E.       """"""""""""""""""""""""""""""""""""                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | -         | naru    | res  | ont   |         |    | rages. |    |          |    |
| Ironwork       127 00         Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics, $37 50$ 50         W. E.       "       115 00         Regular expenses:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | •         | •       | •    | •     |         |    |        |    |          |    |
| Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics,       37 50         W. E.       " 115 00         Regular expenses:       ************************************                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Nails .      |           |         |      |       | 23      | 13 |        |    |          |    |
| Hardware       19 97         Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics,       37 50         W. E.       "115 00         Regular expenses:       \$1,820 00         Messenger       797 68         Draw-tenders' books       80 23         Stationery and postals       16 38         Repairing wagon       52 60         Car-fares       20 00         Small supplies       49 00         2,835 89       3,248 46         Public landings.       Repairs.         Commercial Wharf :       2         Labor       \$8 00         Ironwork       7 05         Painting sign       6 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ironwork     |           |         |      |       | 127     | 00 |        |    |          |    |
| Paint       25 84         Cleaning iron trucks       60 00         B. W. W. tickets, mechanics, $37 50$ 37 50         W. E.       """"""""""""""""""""""""""""""""""""                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Hardware     |           |         |      |       |         |    |        |    |          |    |
| Cleaning iron trucks       60 00         B. W. W. tickets, mechanics,       37 50         W. E.       "       115 00         Regular expenses:       \$\$1,820 00         Messenger       .       797 68         Draw-tenders' books       .       80 23         Stationery and postals       .       16 38         Repairing wagon       .       .       52 60         Car-fares       .       .       .       2,835 89         Small supplies       .       .       49 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              | •         | •       | •    | •     |         |    |        |    |          |    |
| B. W. W. tickets, mechanics, $3750$<br>W. E. " " $11500$<br>Regular expenses:<br>Chief draw-tender . $$1,82000$<br>Messenger $79768$<br>Draw-tenders' books . $8023$<br>Stationery and postals . $1638$<br>Repairing wagon $5260$<br>Car-fares $2000$<br>Small supplies $4900$<br><b>Public landings.</b><br>Repairs.<br>Commercial Wharf :<br>Labor $$800$<br>Ironwork $705$<br>Painting sign . $600$<br>East Boston :<br>Towage . $$775$<br>Ironwork $346$<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | • ,       |         | •    | •     |         |    |        |    |          |    |
| W. E.       "       115 00       \$412 57         Regular expenses: $(1500)$ \$412 57         Chief draw-tender       .       \$1,820 00         Messenger       .       .       797 68         Draw-tenders' books       .       80 23         Stationery and postals       .       16 38         Repairing wagon       .       .       52 60         Car-fares       .       .       .       20 00         Small supplies       .       .       .       .         Public landings.       Repairs.       .       .       .       .         Commercial Wharf :       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <td< td=""><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>                                |              |           |         |      | •     |         |    |        |    |          |    |
| W. E.       "       115 00       \$412 57         Regular expenses: $(1500)$ \$412 57         Chief draw-tender       .       \$1,820 00         Messenger       .       .       797 68         Draw-tenders' books       .       80 23         Stationery and postals       .       16 38         Repairing wagon       .       .       52 60         Car-fares       .       .       .       20 00         Small supplies       .       .       .       .         Public landings.       Repairs.       .       .       .       .         Commercial Wharf :       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <td< td=""><td>B. W. W. t</td><td>ickets</td><td>, mec</td><td>hani</td><td>cs,</td><td>37</td><td>50</td><td></td><td></td><td></td><td></td></td<> | B. W. W. t   | ickets    | , mec   | hani | cs,   | 37      | 50 |        |    |          |    |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |           |         | 66   |       | 115     | 00 |        |    |          |    |
| Regular expenses :       \$1,820 00         Messenger .       797 68         Draw-tenders' books .       80 23         Stationery and postals .       16 38         Repairing wagon .       52 60         Car-fares .       20 00         Small supplies .       49 00 $$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |           |         |      |       | 110     | 00 | \$110  | 57 |          |    |
| Chief draw-tender       \$1,820 00         Messenger       797 68         Draw-tenders' books       80 23         Stationery and postals       16 38         Repairing wagon       52 60         Car-fares       20 00         Small supplies       49 00         2,835 89       3,248 46         Public landings.       2,835 89         Repairs.       2000         Commercial Wharf:       2,835 89         Labor.       \$8 00         Ironwork       7 05         Painting sign       6 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Demulan      |           |         |      |       |         |    | Φ41⊿   | 97 |          |    |
| Messenger       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                                                   |              |           |         |      |       |         |    |        |    |          |    |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           | r       |      |       | \$1,820 | 00 |        |    |          |    |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Messenger    |           |         |      |       | 797     | 68 |        |    |          |    |
| Stationery and postals       16 38         Repairing wagon       52 60         Car-fares       20 00         Small supplies       49 00 $$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |           | oks     |      |       |         |    |        |    |          |    |
| Repairing wagon       .       .       52 60         Car-fares       .       .       .       20 00         Small supplies       .       .       .       .       20 00         Small supplies       .       .       .       .       20 00         Small supplies       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                                      |              |           |         | •    | •     |         |    |        |    |          |    |
| Car-fares       .       .       20 00         Small supplies       .       .       49 00         .       .       .       49 00         .       .       .       49 00         .       .       .       49 00         .       .       .       .         Public landings.       .       .       .         Repairs.       Commercial Wharf :       .       .         Labor.       .       .       .       .         Painting sign       .       6 00       .       .         Painting sign       .       .       .       .       .         .       .       .       .       .       .       .         .       .       .       .       .       .       .       .         .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                                                                                 |              |           |         | •    | •     |         |    |        |    |          |    |
| Small supplies $49\ 00$ $2,835\ 89$ Public landings.       Repairs. $3,248\ 46$ Repairs.       Commercial Wharf : $3,248\ 46$ Labor. $58\ 00$ $57\ 75$ Painting sign $6\ 00$ $$21\ 05$ East Boston : $7\ 75$ $11\ 21$ Towage $3\ 46$ $11\ 21$ Regular expenses : $832\ 26$ Rent $6\ 250$ $94\ 76$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              | vagon     | •       | •    |       | 52      | 60 |        |    |          |    |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Car-fares    |           |         |      |       | 20      | 00 |        |    |          |    |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Small suppl  | lies      |         |      |       | 49      | 00 |        |    |          |    |
| Public landings.<br>Repairs.<br>Commercial Wharf :<br>Labor. $3,248 \ 46$ Itabor. $3,248 \ 46$ Ironwork $3,248 \ 46$ Ironwork $3,248 \ 46$ Ironwork $3,248 \ 46$ Ironwork $7,05$ Painting sign $6,00$ East Boston:<br>Towage $821 \ 05$ Ironwork $3,46$ Ironwork $3,46$ Ironwork $3,46$ Ital $832 \ 26$ Regular expenses:<br>East Boston:<br>Rent $62 \ 50$ 94 \ 76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |           |         |      | -     |         |    | 9 825  | 80 |          |    |
| Public landings.<br>Repairs.<br>Commercial Wharf :<br>Labor. $\$8 00$<br>IronworkIronwork $\$7 05$<br>Painting signPainting sign $6 00$<br>$$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |           |         |      |       |         |    | 2,000  | 00 | 9 240    | 10 |
| Repairs.<br>Commercial Wharf :<br>Labor. $\$8 00$<br>IronworkIronwork $$\$8 00$<br>IronworkPainting sign $$6 00$ East Boston :<br>Towage $$\$7 75$<br>IronworkTowage $$\$7 75$<br>IronworkIn 11 21<br>East Boston :<br>East Boston :<br>Rent $$\$32 26$ Regular expenses :<br>East Boston :<br>Rent $$\$62 50$ 94 76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Dublic 1     | andia     |         |      |       |         |    |        |    | 5,248    | 40 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | andin     | igs.    |      |       |         |    |        |    |          |    |
| Labor.       .       \$\$8 00         Ironwork       .       7 05         Painting sign       .       6 00         East Boston:       .       .         Towage       .       .       .         Ironwork       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .       .       .         .       .                                                                                                                                                                                                                                                                                                                 | Repairs.     |           |         |      |       |         |    |        |    |          |    |
| Ironwork       .       7 05         Painting sign       .       6 00         East Boston :       .       .         Towage       .       .         Towage       .       .         Ironwork       .       .         Begular expenses :       .       .         East Boston :       .       .         Rent       .       .       .         94 76       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Commerc      | ial W     | harf :  |      |       |         |    |        |    |          |    |
| Ironwork       .       7 05         Painting sign       .       6 00         East Boston :       .       .         Towage       .       .         Towage       .       .         Ironwork       .       .         Begular expenses :       .       .         East Boston :       .       .         Rent       .       .       .         94 76       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Labor.       |           |         | \$8  | 00    |         |    |        |    |          |    |
| Painting sign       6 00         East Boston :       \$21 05         Towage       .       \$7 75         Ironwork       . $3 46$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |           |         |      |       |         |    |        |    |          |    |
| East Boston : $\$21 \ 05$ Towage $\$7 \ 75$ $\$7 \ 75$ Ironwork $3 \ 46$ $11 \ 21$ Regular expenses : $\$32 \ 26$ East Boston : $\$32 \ 26$ Rent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | •         | •       |      |       |         |    |        |    |          |    |
| East Boston :         Towage       .         Towage       .         Ironwork       .         3 46         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         .       .         . </td <td>Painting sig</td> <td>gn</td> <td>•</td> <td>0</td> <td>00</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>                                                                                                                                                                                                                                                                                                  | Painting sig | gn        | •       | 0    | 00    |         |    |        |    |          |    |
| Towage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |           |         |      |       | \$21    | 05 |        |    |          |    |
| Ironwork                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | East Bos     | ton :     |         |      |       |         |    |        |    |          |    |
| Ironwork                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Towage       |           |         | \$7  | 75    |         |    |        |    |          |    |
| Image: Constraint of the system       11 21         Regular expenses :       \$32 26         East Boston :       \$32 50         Rent       .       .         94 76       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ų            |           |         |      |       |         |    |        |    |          |    |
| Regular expenses :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TOUMOIN      | •         | •       | 9    | .40   | 1.1     | 01 |        |    |          |    |
| Regular expenses :       East Boston :         Rent       .       .       .       .       62 50         94 76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |           |         |      |       | 11      | 21 |        |    |          |    |
| East Boston :         Rent       .       .       .       .       .       62 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |           |         |      |       |         |    | \$32   | 26 |          |    |
| East Boston :         Rent       .       .       .       .       .       62 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Regular ex   | penses    | 8:      |      |       |         |    |        |    |          |    |
| Rent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |           |         |      |       |         |    |        |    |          |    |
| 94 76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |           |         |      |       |         |    | 69     | 50 |          |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ACCHU .      | •         | •       | •    | •     | •       | •  | 02     | 50 | 0.1      |    |
| Total expended on tide-water bridges \$96,805 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |           |         |      |       |         |    |        |    | 94       | 16 |
| Total expended on tide-water bridges \$96,805 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |           |         |      |       |         |    |        |    |          |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Total exper  | ided c    | on tide | e-wa | ter l | bridges |    |        |    | \$96,805 | 80 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |           |         |      |       | Ŭ       |    |        |    | -        |    |

# RECAPITULATION.

Table showing Expenditures on the Tide-water Bridges for the Year, February 1, 1894, to January 31, 1895.

| NAME OF BRIDGE.                                | Repairs, Labor,<br>Lumber, Iron-<br>work, and<br>Painting. | Regular Ex-<br>penses, Sal-<br>aries, Fuel,<br>and Supplies. | Total.         |
|------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|----------------|
| Broadway                                       | \$4,788 42                                                 | \$6,155 36                                                   | \$\$10,943 78  |
| Cambridge street                               | 376 53                                                     | 378-96                                                       | <b>7</b> 55 49 |
| Charles river                                  | 5,877 31                                                   | 5,804 44                                                     | 11,681 75      |
| Chelsea (North)                                | 1,577 94                                                   | 4,328 74                                                     | 5,906 68       |
| Chelsea (South)                                | 876 17                                                     | 4,893-26                                                     | 5 5,769 43     |
| Chelšea street                                 | 104 84                                                     | 291 00                                                       | 395 84         |
| Commercial point                               | 137 47                                                     | 50 00                                                        | 187 47         |
| Congress street                                | 2,785 14                                                   | 6,210 32                                                     | 8,995 46       |
| Dover street                                   | `1,169 46                                                  | 4,001 43                                                     | 5,170 89       |
| Essex street                                   | 406 80                                                     | 694 $22$                                                     | 2 1,101 02     |
| Federal street                                 | 1,059 47                                                   | 6,383 75                                                     | 5 7,443 22     |
| Granite                                        | 301 65                                                     | 246 89                                                       | 548 54         |
| L street                                       | 430 57                                                     | 3,527 8-                                                     | 4 3,958 41     |
| Malden                                         | 709 03                                                     | 3,046 29                                                     | 3,755 32       |
| Meridian street                                | 2,032 75                                                   | 3,952 65                                                     | 5 5,985 40     |
| Mount Washington avenue                        | 2,318 80                                                   | 4,861 44                                                     | 7,180 24       |
| Neponset                                       | $575\ 16$                                                  | 407 22                                                       | 982-38         |
| North Beacon street                            | 96 21                                                      | 74 88                                                        | 3 171 09       |
| North Harvard street                           | 329 71                                                     | 365 56                                                       | 695 27         |
| Warren                                         | 3,732 41                                                   | 6,221 27                                                     | 9,953-68       |
| Western avenue (to Cambridge)                  | 360 91                                                     | 377 81                                                       | t 738 72       |
| Western avenue (to Watertown)                  | 404 70                                                     | 135-36                                                       | 3 540 06       |
| Winthrop                                       | $502 \ 44$                                                 | 100 00                                                       | 602 44         |
| Chief draw-tender and sundry expendi-<br>tures | 412 57                                                     | 2,835-89                                                     | 3,248 16       |
| Public landings                                | 32 26                                                      | 62 50                                                        | 94 76          |
| Totals                                         | \$31,398 72                                                | \$65,407 08                                                  | 8 \$96,805 80  |

# INLAND BRIDGES.

|                                                                                                                                                              | ed in                  | ; <b>bri</b><br>Dec                       | dge (<br>embe:                             | (over<br>r. 189              | 3.  wl         | nen br                              | Alban<br>idge v                                      | y Rail<br>vas                                         | road). |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------|--------------------------------------------|------------------------------|----------------|-------------------------------------|------------------------------------------------------|-------------------------------------------------------|--------|----|
| sheathed                                                                                                                                                     |                        |                                           |                                            |                              |                |                                     |                                                      |                                                       | \$11   | 38 |
| sheathed<br>Ashland-                                                                                                                                         | strac                  | t hr                                      | aohi                                       | (ove                         | r Ne           | w Yo                                | rk N                                                 | ew                                                    | *~~    |    |
| Haven,                                                                                                                                                       | S1100                  | 70 NL<br>Elontf                           | iuge<br>ord                                | Railro                       | ad             | Provid                              | 0000                                                 | D;                                                    |        |    |
|                                                                                                                                                              |                        | LIAIU                                     | ora                                        | namo                         | au, .          |                                     | епсе                                                 | <i>D</i> 1-                                           |        |    |
| vision).                                                                                                                                                     |                        |                                           |                                            |                              |                |                                     |                                                      |                                                       |        |    |
| Sheathed ro                                                                                                                                                  |                        | y.                                        |                                            |                              |                |                                     | 0.24                                                 | 0.0                                                   |        |    |
| Carpenters                                                                                                                                                   |                        | •                                         |                                            | •                            | •              | •                                   | \$24                                                 |                                                       |        |    |
| Lumber                                                                                                                                                       | •                      | • •                                       |                                            |                              | •              | •                                   | 83                                                   |                                                       |        |    |
| Nails .                                                                                                                                                      | •                      | •                                         | •                                          | •                            | •              | •                                   | 4                                                    | 50                                                    |        |    |
| Baker-st                                                                                                                                                     | reet                   | culy                                      | ert.                                       | Brook                        | : Far          | m, W                                | est R                                                | <br>DX-                                               | 111    | õ0 |
| bury.                                                                                                                                                        |                        |                                           |                                            |                              |                | ,                                   |                                                      |                                                       |        |    |
| Sheathed ro                                                                                                                                                  | adwa                   | v and                                     | Leulv                                      | ert.                         |                |                                     |                                                      |                                                       |        |    |
| Carpenters                                                                                                                                                   |                        | )                                         |                                            |                              |                |                                     | \$22                                                 | 50                                                    |        |    |
| Carpenters<br>Lumber                                                                                                                                         | •                      | •                                         | •                                          | •                            | •              | •                                   | 64                                                   |                                                       |        |    |
|                                                                                                                                                              |                        |                                           |                                            |                              |                | •                                   | 4                                                    |                                                       |        |    |
| Nails .                                                                                                                                                      | •                      | ٠                                         | •                                          | •                            | •              | •                                   | 4                                                    | 10                                                    | 91     | 55 |
| Beacon-s                                                                                                                                                     | tunoi                  | hui                                       | daa                                        | ( arron                      | Pag            | ton for                             | Albe                                                 |                                                       | 51     | 00 |
|                                                                                                                                                              |                        | 01.1                                      | uge                                        | (over                        | DOS            | 1011 @                              | AIUa                                                 | шу                                                    |        |    |
| Railroa                                                                                                                                                      |                        |                                           |                                            |                              |                |                                     |                                                      |                                                       |        |    |
| Sheathed ros                                                                                                                                                 |                        |                                           |                                            |                              |                |                                     | <b>#</b> @@                                          | 0.0                                                   |        |    |
| Carpenters                                                                                                                                                   | •                      | •                                         | •                                          | •                            | •              | •                                   | \$66                                                 |                                                       |        |    |
| Lumber                                                                                                                                                       |                        | •                                         | •                                          | •                            | •              | •                                   | 115                                                  | 66                                                    |        |    |
| Nails .                                                                                                                                                      | •                      | •                                         | •                                          | •                            | •              | •                                   | 4                                                    | 50                                                    |        |    |
|                                                                                                                                                              |                        |                                           |                                            |                              |                |                                     |                                                      |                                                       | 186    | 16 |
| Berkeley<br>bany R                                                                                                                                           |                        |                                           | oridg                                      | ;e (or                       | ver ]          | Bostor                              | n & .                                                | Al-                                                   |        |    |
| Sheathed ro                                                                                                                                                  | adwa                   | ys.                                       |                                            |                              |                |                                     |                                                      |                                                       |        |    |
| Carpenters                                                                                                                                                   |                        | •                                         |                                            |                              |                |                                     | \$68                                                 |                                                       |        |    |
| Carpenters<br>Lumber                                                                                                                                         |                        |                                           |                                            |                              |                | •                                   | 67                                                   | 20                                                    |        |    |
|                                                                                                                                                              |                        |                                           |                                            |                              |                |                                     |                                                      |                                                       | 135    | 52 |
| Destales                                                                                                                                                     |                        |                                           |                                            |                              |                |                                     |                                                      |                                                       |        |    |
| Berkeley                                                                                                                                                     | r-stre                 | et b                                      | ridg                                       | e (ov                        | er N           | ew Yo                               | ork, N                                               | ew                                                    |        |    |
| Berkeley<br>Haven,                                                                                                                                           | v-str€<br>& I          | et k<br>Hartf                             | o <b>ridg</b><br>ord 1                     | <mark>e (ov</mark><br>Railro | er N<br>ad, 1  | ew Yo<br>Provid                     | ork, N<br>ence                                       | ew<br>Di-                                             |        |    |
| Haven,                                                                                                                                                       | & I                    | et k<br>Hartf                             | oridg<br>ord 1                             | e (ov<br>Railro              | er N<br>ad, 1  | ew Yo<br>Provid                     | ork, N<br>ence                                       | ew<br>Di-                                             |        |    |
| Haven,<br>vision)                                                                                                                                            | & I<br>•               | Hartf                                     | ord                                        | Railro                       | ad, 1          | Provid                              | ork, N<br>ence                                       | ew<br>Di-                                             |        |    |
| Haven,<br>vision)                                                                                                                                            | & I<br>•               | Hartf                                     | ord                                        | Railro                       | ad, 1          | Provid                              | ork, N<br>ence<br>\$12                               | Di-                                                   |        |    |
| Haven,<br>vision)                                                                                                                                            | & I<br>•               | Hartf                                     | ord                                        | Railro                       | ad, 1          | Provid                              | ence                                                 | Di-<br>75                                             |        |    |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber                                                                                                     | & I<br>eathi           | Hartf<br>ng or                            | ord ]<br>1 road                            | Rạilro<br>lway.              | ad, 1          | Provid                              | ence<br>\$12<br>40                                   | Di-<br>75<br>95                                       |        |    |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware                                                                                         | & I<br>eathi           | Hartf<br>ng or                            | ord I<br>1 road                            | Rạilro<br>lway.              | ad, 1          | Provid                              | ence<br>\$12<br>40<br>3                              | Di-<br>75<br>95<br>50                                 |        |    |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber                                                                                                     | & I<br>eathi           | Hartf<br>ng or                            | ord I<br>1 road                            | Rạilro<br>lway.              | ad, 1          | Provid                              | ence<br>\$12<br>40                                   | Di-<br>75<br>95<br>50                                 |        | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails                                                                                | & I<br>eathi<br>·<br>· | Hartf<br>ng or                            | ord []<br>1 road                           | Rạilro<br>lway.<br>-<br>-    | ad, 1          | Provid                              | ence $\$12$ $40$ $3$ $4$                             | Di-<br>75<br>95<br>50<br>50                           | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails .<br>Blakemo                                                                   | & I<br>eathi           | Hartf<br>ng or<br>treet                   | ord ]<br>1 road<br>b <b>rid</b>            | Railro<br>lway.              | ad, 1<br>ver 1 | Provid                              | ence<br>\$12<br>40<br>3<br>4<br>ork, N               | Di-<br>75<br>95<br>50<br>50<br>Kew                    | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails .<br>Blakemo<br>Haven,<br>vision)                                              | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf          | ord                                        | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid           | s12<br>40<br>3<br>4<br>ork, N<br>lence               | Di-<br>75<br>95<br>50<br>50<br>Kew                    | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails<br>Blakemo<br>Haven,<br>vision)<br>Repaired ind                                | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf<br>nce a | ord 1<br>1 road<br>brid<br>ford 1<br>nd pa | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid           | s12<br>40<br>3<br>4<br>ork, N<br>lence               | Di-<br>75<br>95<br>50<br>50<br>                       | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails<br>Blakemo<br>Haven,<br>vision)<br>Repaired ind                                | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf<br>nce a | ord 1<br>1 road<br>brid<br>ford 1<br>nd pa | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid           | s12<br>40<br>3<br>4<br>ork, N<br>lence               | Di-<br>75<br>95<br>50<br>50<br>                       | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails<br>Blakemo<br>Haven,<br>vision)<br>Repaired ind<br>Ironwork                    | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf<br>nce a | ord 1<br>1 road<br>brid<br>ford 1<br>nd pa | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid           | \$12<br>40<br>3<br>4<br>ork, N<br>lence<br>\$18      | Di-<br>75<br>95<br>50<br>50<br>                       | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails .<br><b>Blakemo</b><br>Haven,<br>vision)<br>Repaired iro<br>Ironwork<br>Lumber | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf<br>nce a | ord 1<br>1 road<br>brid<br>ord 1<br>nd pa  | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid<br>thing. | \$12<br>40<br>3<br>4<br>ork, N<br>lence<br>\$18<br>7 | Di-<br>75<br>95<br>50<br>50<br>                       | 61     | 70 |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails<br>Blakemo<br>Haven,<br>vision)<br>Repaired ind<br>Ironwork                    | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf<br>nce a | ord 1<br>1 road<br>brid<br>ford 1<br>nd pa | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid           | \$12<br>40<br>3<br>4<br>ork, N<br>lence<br>\$18<br>7 | Di-<br>75<br>95<br>50<br>50<br>50<br>20<br>New<br>Di- | 61     |    |
| Haven,<br>vision)<br>Repaired sh<br>Carpenters<br>Lumber<br>Hardware<br>Nails .<br><b>Blakemo</b><br>Haven,<br>vision)<br>Repaired iro<br>Ironwork<br>Lumber | & I<br>eathi           | Hartf<br>ng or<br>treet<br>Hartf<br>nce a | ord 1<br>1 road<br>brid<br>ord 1<br>nd pa  | Railro<br>lway.              | ad, 1          | Provid<br>Vew Y<br>Provid<br>thing. | \$12<br>40<br>3<br>4<br>ork, N<br>lence<br>\$18<br>7 | Di-<br>75<br>95<br>50<br>50<br>50<br>20<br>New<br>Di- |        |    |

| Brought                               | for   | vard.    |        |        |                        |         |                                         | \$625 45   |
|---------------------------------------|-------|----------|--------|--------|------------------------|---------|-----------------------------------------|------------|
| Bolton-st                             |       |          |        | over   | New                    | York    | & New                                   | ******     |
| England                               |       |          |        | 0,01   | 2.011                  |         |                                         |            |
| Repaired sid                          | ewal  | ks ar    | nd roa | dway   |                        |         |                                         |            |
|                                       |       |          |        |        |                        |         | \$4 69                                  |            |
| Carpenters<br>Lumber                  | •     | •        | •      | •      | •                      | •       | 529                                     |            |
| Lumber                                | •     | •        | •      | •      | •                      | •       | 5 29                                    | 0.00       |
|                                       |       |          |        |        |                        |         |                                         | 9 98       |
| Boylston                              | -stre | eet      | bridg  | e (or  | ver ]                  | Boston  | & Al-                                   |            |
| bany R                                | ailro | ad).     |        |        |                        |         |                                         |            |
| Sheathed on                           | e roa | idwa     | y and  | repai  | red t                  | he othe | er.                                     |            |
| Carpenters                            |       |          | •      |        |                        |         | 884 38                                  |            |
| Carpenters<br>Lumber                  |       |          |        |        |                        | ÷       | 118 78                                  |            |
| Nails .                               |       |          |        |        |                        |         | 4 50                                    |            |
| i i i i i i i i i i i i i i i i i i i | •     | •        |        | ·      | •                      | •       |                                         | 207 66     |
| D . 1 .                               | 1     | · a      | ,      | D      | , ,                    | 13      |                                         | 201 00     |
| Broadwa                               | y D1  | rage     | (ove   | r Bos  | ton d                  | & Alba  | iny Rail-                               |            |
| road).                                |       |          |        |        |                        |         |                                         |            |
| Sheathed ro                           | adwa  | iys.     |        |        |                        |         |                                         |            |
| Carpenters                            |       |          |        |        |                        |         | 65 00                                   |            |
| Lumber                                |       |          |        |        |                        |         | 111 03                                  |            |
| Carpenters<br>Lumber<br>Nails .       |       |          |        |        |                        |         | 9 00                                    |            |
|                                       |       |          |        |        |                        |         |                                         | $185 \ 03$ |
| Columbu                               | 0.01  | 000710   | hui    | dara ( | OHON.                  | Posto   | 12 8 Al                                 |            |
| Columbu                               |       |          | 5 0110 | uge (  | over                   | DOStO   | n œ Al-                                 |            |
| bany R                                |       |          |        |        | . ,                    | ,       |                                         |            |
| Sheathed ro                           | adwa  | iys a    | nd rej | paired | whe                    | el-gnai | ds.                                     |            |
| Carpenters                            | •     | •        | •      | •      | •                      | •       | \$83 71                                 |            |
| Carpenters<br>Lumber                  | •     |          | •      |        | •                      | •       | $80 \ 48$                               |            |
| Nails .                               | •.    | ۰        |        |        |                        |         | $11 \ 25$                               |            |
|                                       |       |          |        |        |                        |         |                                         | $175 \ 44$ |
| Common                                | wool  | lth.o    | vonu   | o hei  | dara (                 |         | utlat)                                  |            |
| Sheathed ro                           | wba   | 1011-4   | dlaid  |        | uge (                  |         | unet).                                  |            |
|                                       |       |          |        |        |                        |         | 11 51                                   |            |
| [Balance                              |       |          |        |        |                        |         | Street                                  |            |
| Improv                                | emei  | its. V   | varas  | 19 ai  | $\operatorname{nd} 22$ | •       |                                         |            |
| Carpenters<br>Lumber                  | •     | •        | •      | •      | •                      | •       | $104 \ 75$                              |            |
| Lumber                                | •     | •        | •      | •      | •                      | •       | $164 \ 35$                              |            |
| Nails .                               | •     |          | •      |        |                        |         | 21 60                                   |            |
|                                       |       |          |        |        |                        |         |                                         | $290 \ 70$ |
| Cornwal                               | l-str | eef 1    | ridge  | e (ov  | er Ste                 | onv bro | ook.)                                   |            |
| Sheathed ro                           |       |          |        | 0 (01) |                        | Juj     | , , , , , , , , , , , , , , , , , , , , |            |
| Carpenters                            |       |          |        |        |                        |         | \$26 50                                 |            |
| Lumber                                |       |          |        | •      |                        |         |                                         |            |
| 13dinoei                              | •     | •        | •      |        | •                      | •       |                                         | 60-16      |
| 11 11                                 |       |          |        | ,      |                        |         |                                         | 00 10      |
| Cottage                               |       |          |        |        |                        |         | Albany                                  |            |
| Railroa                               | .d at | Com      | monw   | realth | aven                   | ue).    |                                         |            |
| Sheathed ro                           |       |          |        |        |                        |         |                                         |            |
| Carpenters                            |       |          |        |        |                        |         | $$62 \ 25$                              |            |
| Lumber                                |       |          |        |        |                        |         | $152 \ 43$                              |            |
| Nails .                               |       |          |        | •      |                        |         | $13 \ 12$                               |            |
| Nails .<br>Car-fares                  |       |          |        | •      |                        |         | 6 00                                    |            |
|                                       |       |          |        |        |                        |         |                                         | 233 80     |
|                                       |       |          |        |        |                        |         |                                         |            |
| Carrieo                               | 1 60  | mard     |        |        |                        |         |                                         | \$1,788 22 |
| Ourret                                |       | werer et | ,      |        |                        |         |                                         | 919100     |

| Brought                | forw     | ard,        |       |        |            |        |         |                 | \$1,788 | 22 |
|------------------------|----------|-------------|-------|--------|------------|--------|---------|-----------------|---------|----|
| Cottage-s              | treet    | foo         | ot] b | ridge  | ) (ove     | er fla | ats, E  | Last            |         |    |
| Boston)                |          | L           |       | 0      |            |        | ,       |                 |         |    |
| Repaired pil           |          | wav-b       | races | . wall | k. an      | d bi   | ridge-t | en-             |         |    |
| der's hous             |          |             |       |        | ,          |        | 8-      |                 |         |    |
| Bridge-tende           | r        | -           | •     |        |            |        | \$630   | 00              |         |    |
| Carpenters             |          |             |       |        |            |        | 181     |                 |         |    |
| Painters               |          |             |       |        |            |        |         | 00              |         |    |
| Lumber                 |          |             |       |        |            |        | 106     |                 |         |    |
| Tuonmonly              |          |             |       |        |            |        |         | $\overline{74}$ |         |    |
| Paint stock            | •        |             | •     | •      | •          | •      |         | 19              |         |    |
| Car-fares              | •        | •           | •     | •      | •          | •      | -       | 70              |         |    |
| Lettering sig          | •<br>• • | •<br>•<br>• | •     | •      | •          | •      |         | 00              |         |    |
| Smoke-stack            | -        | •           | •     | •      | •          | •      |         | 75              |         | •  |
| Coal                   |          |             |       | •      | •          | •      |         | 33              |         |    |
| Coal .<br>Small suppli | •        | •           |       | •      | •          | •      |         | 11              |         |    |
| Sman suppri            | es       | •           | •     | •      | •          | •      | 4       | 11              |         |    |
|                        |          |             |       |        |            |        |         |                 | 979     | 44 |
| Elmwood                | -stre    | et bı       | idge  | (ov    | er St      | ony    | broo    | k).             |         |    |
| Repaired sid           | ewalk    | and         | sheat | hed re | oadwa      | iy.    |         | í.              |         |    |
| Carpenters             |          |             |       |        |            |        | \$19    | 25              |         |    |
| Lumber                 |          | •<br>•      |       |        |            |        | 22      | 35              |         |    |
| Nails .                |          |             |       |        |            |        | 4       |                 |         |    |
|                        |          |             |       |        |            |        |         |                 | 46      | 10 |
| Doudtoon               | d ada    | oot be      |       | (      | . <b>D</b> |        | 0 A 11. |                 | 40      | 10 |
| Ferdinan               |          | eet D       | riage | (ove   | r Bos      | ton d  | x Alba  | iny             |         |    |
| Railroad               |          |             |       |        |            |        |         |                 |         |    |
| Sheathed ros           | idway    |             |       |        |            |        |         | ~ ~             |         |    |
| Carpenters             | •        | •           | •     | •      | •          | •      | \$21    |                 |         |    |
| Lumber.                | •        | •           | •     | •      | •          | •      | 55      |                 |         |    |
| Nails .                | •        |             | •     | •      | •          | •      | 2       | 25              |         |    |
|                        |          |             |       |        |            |        |         |                 | 78      | 99 |
| Gardner-               | stree    | t cul       | vert  | (Wes   | t Ros      | bury   | v).     |                 |         |    |
| Laid new de            | ek and   | d shea      | thed  | the s  | ame.       | •      |         |                 |         |    |
| Carpenters             |          |             | -     |        | •          |        | \$15    | 00              |         |    |
|                        |          |             |       |        |            |        | 22      | 60              |         |    |
| Lumber<br>Nails .      |          |             |       |        | • .<br>•   |        |         | 25              |         |    |
| 111115                 | •        |             | •     | •      |            | •      |         |                 | 39      | 85 |
| Huntingt               |          |             | hui   | dae    | (          | . р    | lastan  | ρ.              | 00      | 00 |
| Huntingt               |          |             | ; pri | age    | (ove       | гD     | oston   | œ               |         |    |
| Albany                 |          |             |       |        |            |        |         |                 |         |    |
| Sheathed ros           |          |             |       |        |            |        | @ 4.0   | 50              |         |    |
| Carpenters             |          |             | •     |        |            | •      | \$40    |                 |         |    |
| Lumber                 | •        |             | •     | •      | •          | •      | 157     |                 |         |    |
| Nails .                | •        | •           | •     | •      | •          | •      | 9       | 00              | 000     |    |
|                        |          |             |       |        |            |        |         |                 | 206     | 87 |
| Hyde Pa                | rk-av    | enne        | brid  | ge (d  | over S     | tony   | v broo  | k). 🔎           |         |    |
| Repaired dec           | ek and   | l shea      | thed  | roadv  | vay.       | -      |         |                 |         |    |
| Carpenters             |          |             |       |        |            |        | \$101   | 75              |         |    |
| Lumber                 |          |             |       |        |            |        | 138     | 87              |         |    |
| Nails .                |          |             | 2     |        |            |        |         | 75              |         |    |
|                        |          |             |       |        |            |        |         |                 | 248     | 37 |
|                        |          |             |       |        |            |        |         |                 |         |    |
| Carried                | forwo    | ard.        |       |        |            |        |         |                 | \$3,387 | 84 |
|                        | 50.000   | ,           |       |        |            |        |         |                 |         |    |

| Brought<br>Keyes-sti                         | reet                  | culv        | ert (i                 | West           | Roxt            | oury).           |                       |                 | \$3,387 8 | 4  |
|----------------------------------------------|-----------------------|-------------|------------------------|----------------|-----------------|------------------|-----------------------|-----------------|-----------|----|
| Sheathed ros                                 | v (*                  |             |                        |                |                 |                  | 015                   | 10              |           |    |
| Carpenters                                   |                       |             |                        | •              | •               | •                | \$45                  |                 |           |    |
| Lumber                                       | •                     | •           | •                      | •              | •               | •                | 25                    |                 | 70 4      | -  |
| Linden P<br>Repaired dec                     | ek an                 | d she       | eathed                 | l road         | way.            |                  |                       | k).             | 70 4      | 9  |
| Carpenters                                   | •                     | •           | •                      | •              | •               | •                | \$26                  |                 |           |    |
| Lumber                                       | •                     | •           | •                      | •              |                 | •                | 58                    |                 |           |    |
| Nails .                                      | •                     | •           |                        | •              |                 |                  | 4                     | 50              |           |    |
| Longwoo<br>Brooklin<br>Sheathed roa          | ne).                  |             | brid                   | lge            | (from           | n Roz            | bury                  | to              | 89-4      | 2  |
| Carpenters                                   |                       |             |                        |                |                 |                  | \$24                  | 50              |           |    |
| Lumber                                       |                       | •           |                        |                |                 |                  | $\frac{\psi^{2}}{58}$ |                 |           |    |
|                                              | •                     | •           |                        | •              | •               | •                |                       | $\frac{10}{25}$ |           |    |
| Nails .                                      | •                     | •           | •                      | •              | •               | •                | 2                     | 20              | 84 9      | 13 |
| Massachu<br>Albany                           | Rail                  | road)       | ).                     |                |                 |                  |                       | Å               | Of U      |    |
| Sheathed on                                  | e roa                 | uway        | and                    | repar          | rea tr          | ie otne          |                       | 0.4             |           |    |
| Carpenters<br>Lumber                         | •                     | •           | •                      | •              | •               | •                | \$50                  |                 |           |    |
|                                              |                       |             |                        |                |                 |                  | 58                    |                 |           |    |
| Nails .                                      | •                     | •           | •                      | •              | •               | •                | 4                     | 50              | 113 7     |    |
| Massachu<br>New H<br>Divisio<br>Sheathed ros | aven,<br>n).<br>adwaj | , & F<br>y. | e <b>nue</b><br>Iartfo | bridg<br>ord R | ge (o<br>ailroa | ver Na<br>Id, Pi | ovide                 | nce             |           |    |
| Carpenters                                   | •                     | •           |                        | •              | •               | •                | \$33                  |                 |           |    |
| Lumber                                       | •                     | •           | •                      | •              |                 | •                | 67                    |                 |           |    |
| Nails .                                      |                       | •           | •                      | •              | •               |                  | 4                     | 50              | 105       |    |
| Mattapar<br>Patched roa<br>[Balance          | dway                  | •           |                        |                |                 |                  |                       |                 | 105 (     | ,9 |
| "Stree                                       |                       |             |                        |                |                 |                  | oper                  | ,,,,,,          |           |    |
| Carpenters                                   |                       |             |                        |                |                 |                  | \$30                  | 75              |           |    |
| Lumber                                       |                       |             | •                      |                |                 |                  | 10 10                 | 26              |           |    |
| Nails .                                      |                       |             |                        |                |                 |                  |                       | 25              |           |    |
| Shawmu<br>Railroa                            | t-ave                 |             |                        |                |                 |                  | & Alba                | iny             | 36-2      | 26 |
| Built new si                                 |                       | lk o        | n wes                  | sterly         | side            | and e            | concre                | ted             |           |    |
| same, and                                    |                       |             |                        |                |                 |                  |                       |                 |           |    |
| Carpenters                                   |                       |             |                        |                |                 |                  | \$237                 | 95              |           |    |
| Painters                                     |                       |             |                        |                | -               |                  | 34                    | 00              |           |    |
| Lumber                                       |                       |             |                        |                |                 |                  | 357                   | 43              |           |    |
| Nails .                                      |                       |             |                        |                |                 |                  |                       | 00              |           |    |
| Ironwork                                     |                       |             |                        |                |                 |                  |                       | 23              |           |    |
|                                              |                       |             |                        |                |                 |                  |                       |                 |           | _  |
| Carried                                      | l foru                | vard,       |                        |                |                 |                  | \$657                 | 61              | \$3,887 7 | 74 |

| Brought fo                                                                                                                                                                                                                                                                         | rward,                                                                              |                                          |                            | 0                                   |                 | \$657                                                                                                            |                                                                                                                | \$3,887  | 74       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|----------------------------|-------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|----------|
| Brought fo<br>Paint stock .<br>Cement and sam                                                                                                                                                                                                                                      | •                                                                                   | 6                                        | •                          |                                     |                 | 58                                                                                                               |                                                                                                                |          |          |
| Cement and san                                                                                                                                                                                                                                                                     | nd.                                                                                 |                                          |                            |                                     | · · *           | 3                                                                                                                |                                                                                                                |          |          |
| Concrete walk                                                                                                                                                                                                                                                                      |                                                                                     |                                          |                            | -                                   |                 | 134                                                                                                              | 53                                                                                                             |          |          |
|                                                                                                                                                                                                                                                                                    |                                                                                     |                                          |                            |                                     |                 |                                                                                                                  |                                                                                                                | 854      | 04       |
| Summer-sti                                                                                                                                                                                                                                                                         | reet cı                                                                             | alver                                    | rt (We                     | est Ro                              | xbury           | 7).                                                                                                              |                                                                                                                |          |          |
| Sheathed roady                                                                                                                                                                                                                                                                     | vay and                                                                             | d repa                                   | aired :                    | sidew                               | alk.            |                                                                                                                  |                                                                                                                |          |          |
| Carpenters .<br>Lumber .                                                                                                                                                                                                                                                           | •                                                                                   | •                                        |                            |                                     |                 | \$12                                                                                                             | 00                                                                                                             |          |          |
| Lumber .                                                                                                                                                                                                                                                                           |                                                                                     |                                          |                            |                                     |                 | 29                                                                                                               | 33                                                                                                             |          |          |
| Nails                                                                                                                                                                                                                                                                              |                                                                                     |                                          |                            |                                     |                 | 7                                                                                                                | 85                                                                                                             |          |          |
|                                                                                                                                                                                                                                                                                    |                                                                                     |                                          |                            |                                     |                 |                                                                                                                  |                                                                                                                | 49       | 18       |
| Texas-stree                                                                                                                                                                                                                                                                        | t brid                                                                              | ge (d                                    | over S                     | tony                                | brook           | ).                                                                                                               |                                                                                                                |          |          |
| Rebuilt bridge.                                                                                                                                                                                                                                                                    |                                                                                     | <u> </u>                                 |                            | č                                   |                 | -                                                                                                                |                                                                                                                |          |          |
| Carpenters .                                                                                                                                                                                                                                                                       |                                                                                     |                                          |                            |                                     |                 | \$15                                                                                                             | 50                                                                                                             |          |          |
| Lumber .<br>Ironwork .                                                                                                                                                                                                                                                             |                                                                                     |                                          | •                          |                                     |                 | 28                                                                                                               | 86                                                                                                             |          |          |
| Ironwork .                                                                                                                                                                                                                                                                         |                                                                                     |                                          |                            |                                     |                 | <b>2</b>                                                                                                         | 40                                                                                                             |          |          |
| Nails                                                                                                                                                                                                                                                                              |                                                                                     |                                          |                            |                                     |                 | $\overline{7}$                                                                                                   |                                                                                                                |          |          |
|                                                                                                                                                                                                                                                                                    |                                                                                     | ·                                        | ·                          | •                                   | ·               |                                                                                                                  |                                                                                                                | 54       | 26       |
| West Newt                                                                                                                                                                                                                                                                          | on-str                                                                              | eet l                                    | ride                       | a (ov                               | er Ne           | w Yo                                                                                                             | rk.                                                                                                            |          |          |
| New Have                                                                                                                                                                                                                                                                           | n. & F                                                                              | Tartf                                    | ord R                      | ailroa                              | d. Pr           | ovider                                                                                                           | nce                                                                                                            |          |          |
| Division.                                                                                                                                                                                                                                                                          | , œ 1                                                                               | 101010                                   |                            | antoa                               | , <b>1</b> 1    | ovidei                                                                                                           | 100                                                                                                            |          |          |
| Sheathed roady                                                                                                                                                                                                                                                                     | 0.077                                                                               |                                          |                            |                                     |                 |                                                                                                                  |                                                                                                                |          |          |
|                                                                                                                                                                                                                                                                                    |                                                                                     |                                          |                            |                                     |                 | \$18                                                                                                             | ລະ                                                                                                             |          |          |
| Carpenters .                                                                                                                                                                                                                                                                       | •                                                                                   |                                          | •                          | •                                   | •               | n                                                                                                                |                                                                                                                |          |          |
| Lumber .<br>Nails                                                                                                                                                                                                                                                                  | •                                                                                   | •                                        | •                          | •                                   | •               | 70                                                                                                               |                                                                                                                |          |          |
| Nalls                                                                                                                                                                                                                                                                              | •                                                                                   | •                                        | •                          | •                                   | •               | 2                                                                                                                |                                                                                                                | 0.1      | 0.0      |
| Williams-st                                                                                                                                                                                                                                                                        | Land a                                                                              |                                          | 4 (1)7                     |                                     | ,               |                                                                                                                  |                                                                                                                | 91       | 00       |
| withams-si                                                                                                                                                                                                                                                                         | геег с                                                                              | nivei                                    | PE ( W                     |                                     |                 | 77 1                                                                                                             |                                                                                                                |          |          |
|                                                                                                                                                                                                                                                                                    |                                                                                     |                                          |                            | 1 160                               | OXDUI           | <i>y</i> )•                                                                                                      |                                                                                                                |          |          |
| Laid new deck.                                                                                                                                                                                                                                                                     | , and s                                                                             | heath                                    | ed ros                     | adway                               |                 |                                                                                                                  | •                                                                                                              |          |          |
| Laid new deck.                                                                                                                                                                                                                                                                     | , and s                                                                             | heath                                    | ed ros                     | adway                               |                 | \$4                                                                                                              |                                                                                                                |          |          |
| Laid new deck.                                                                                                                                                                                                                                                                     | , and s                                                                             | heath                                    | ed ros                     | adway                               |                 | \$4<br>35                                                                                                        | 71                                                                                                             |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails .                                                                                                                                                                                                                               | , and s                                                                             | heath                                    | ed ros                     | adway                               |                 | \$4<br>35                                                                                                        |                                                                                                                |          |          |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                                                                                                | , and s                                                                             | heath<br>·<br>·                          | ied ros                    | adway                               | •               | $\begin{array}{c}\$4\\35\\4\end{array}$                                                                          | 71                                                                                                             | 44       | 96.      |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s                                                                                                                                                                                                                   | , and s<br>street                                                                   | heath<br>·<br>·                          | ied ros                    | adway                               | •               | $\begin{array}{c}\$4\\35\\4\end{array}$                                                                          | 71                                                                                                             | 44       | 96       |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady                                                                                                                                                                                                 | , and s                                                                             | heath<br>culve                           | ed ros                     | adway<br>Vest 1                     | r.<br>Roxbu     | \$4<br>35<br>4<br>ury).                                                                                          | 71<br>75                                                                                                       | 44       | 96       |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .                                                                                                                                                                                 | , and s                                                                             | heath<br>culve                           | ied ros                    | adway<br>Vest 1                     | r.<br>Roxbu     | \$4<br>35<br>4<br>ury).<br>\$18                                                                                  | 71<br>75<br>00                                                                                                 | 44       | 96.      |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .                                                                                                                                                                                 | , and s                                                                             | heath<br>culve                           | ed ros                     | adway<br>Vest 1                     | r.<br>Roxbu     | \$4<br>35<br>4<br>ury).                                                                                          | 71<br>75<br>00                                                                                                 | 44       | 96,      |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .                                                                                                                                                                                 | , and s                                                                             | heath<br>culve                           | ed roa<br>:<br>:<br>ert (V | adway<br>Vest 1                     | ∴<br>·<br>Roxbu | \$4<br>35<br>4<br>ury).<br>\$18                                                                                  | 71<br>75<br>00<br>59                                                                                           | 44       | 96.      |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                            | , and s                                                                             | heath<br>culve                           | ed ros<br>ert (V           | Adway<br>:<br>:<br>Vest 1<br>:<br>: | r.<br>Roxbu     | \$4<br>35<br>4<br>ury).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59                                                                                           | 44<br>39 |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                             | , and s                                                                             | heath<br>culve                           | ed ros                     | Vest I                              | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | 71<br>75<br>00<br>59<br>30                                                                                     |          |          |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roadw<br>Carpenters .<br>Lumber .<br>Nails .<br>Sundry exp<br>Labor on snow<br>Labor, bridge-<br>Teaming snow<br>Sand for slippo<br>Salt '' ''<br>Lumber, sundr<br>Nails ''<br>Paint ''<br>Hardware '' | , and s<br>street<br>way.<br>cleaner<br>ery wal<br>y,repai                          | heath<br>culve<br>ires<br>s<br>ks<br>rs. | ert (V                     | adway<br>and b                      | r.<br>Roxbu     | \$4<br>35<br>4<br>rry).<br>\$18<br>18<br>3<br>1,143<br>291<br>22<br>6<br>12<br>28<br>29<br>16                    | $\begin{array}{c} 71\\ 75\\ 00\\ 59\\ 30\\ 02\\ 67\\ 00\\ 50\\ 50\\ 50\\ 51\\ 27\\ 95\\ 87\\ \end{array}$      |          |          |
| Laid new deck.<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roady<br>Carpenters .<br>Lumber .<br>Nails                                                                                                                                                            | , and s<br>street<br>way.<br>cleaner<br>ery wal<br>y,repai                          | heath<br>culve<br>ires<br>s<br>ks<br>rs. | ert (V                     | adway<br>and b                      | r.<br>Roxbu     | \$4<br>35<br>4<br>ary).<br>\$18<br>18<br>3                                                                       | $\begin{array}{c} 71\\ 75\\ 00\\ 59\\ 30\\ 02\\ 67\\ 00\\ 50\\ 50\\ 50\\ 51\\ 27\\ 95\\ 87\\ \end{array}$      | 39       | 89       |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roadw<br>Carpenters .<br>Lumber .<br>Nails .<br>Sundry exp<br>Labor on snow<br>Labor, bridge-<br>Teaming snow<br>Sand for slippo<br>Salt '' ''<br>Lumber, sundr<br>Nails ''<br>Paint ''<br>Hardware '' | , and s<br>street<br>way.<br>cleaner<br>ery wal<br>y,repai                          | heath<br>culve<br>ires<br>s<br>ks<br>rs. | ert (V                     | adway<br>and b                      | r.<br>Roxbu     | \$4<br>35<br>4<br>rry).<br>\$18<br>18<br>3<br>1,143<br>291<br>22<br>6<br>12<br>28<br>29<br>16                    | $\begin{array}{c} 71\\ 75\\ 00\\ 59\\ 30\\ 02\\ 67\\ 00\\ 50\\ 50\\ 50\\ 51\\ 27\\ 95\\ 87\\ \end{array}$      |          | 89       |
| Laid new deck<br>Carpenters .<br>Lumber .<br>Nails<br>Woodman-s<br>Sheathed roadw<br>Carpenters .<br>Lumber .<br>Nails .<br>Sundry exp<br>Labor on snow<br>Labor, bridge-<br>Teaming snow<br>Sand for slippo<br>Salt '' ''<br>Lumber, sundr<br>Nails ''<br>Paint ''<br>Hardware '' | , and s<br>street<br>way.<br>cleaner<br>ery wal<br>(''<br>y,repai<br>(''<br>es, med | heath<br>culve<br>s<br>ks                | ert (V<br>ert (V           | adway<br>Vest 1                     | ridges          | \$4<br>35<br>4<br>(ry).<br>\$18<br>18<br>3<br>1,143<br>221<br>90<br>22<br>6<br>12<br>28<br>28<br>29<br>16<br>120 | $\begin{array}{c} 71\\ 75\\ 00\\ 59\\ 30\\ 02\\ 67\\ 00\\ 50\\ 50\\ 50\\ 51\\ 27\\ 95\\ 87\\ 00\\ \end{array}$ | 39       | 89<br>29 |

# RECAPITULATION.

Table showing Expenditures on the Inland Bridges for the Year February 1, 1894, to January 31, 1895.

| Name of Bridge.                                   | epairs, Labor,<br>nber, Ironwork,<br>and Painting. |
|---------------------------------------------------|----------------------------------------------------|
| Albany street                                     | \$11 38                                            |
| Ashland street                                    | $111 \ 50$                                         |
| Baker street (culvert)                            | 91 55                                              |
| Beacon street (over Boston & Albany Railroad)     | $186 \ 16$                                         |
| Berkeley street " " " " " " .                     | $135 \ 52$                                         |
| Berkeley street (over N.Y., N.H., & H. Railroad,  |                                                    |
| Providence Division)                              | 61 70                                              |
| Blakemore street                                  | $27\ 64$                                           |
| Bolton street                                     | $9 \ 98$                                           |
| Boylston street (over Boston & Albany Railroad) . | 207 66                                             |
| Broadway """"""""""                               | $185 \ 03$                                         |
| Columbus avenue                                   | 175 44                                             |
| Commonwealth avenue (over outlet)                 | $290 \ 70$                                         |
| Cornwall street                                   | $60 \ 16$                                          |
| Cottage Farm                                      | 233 80                                             |
| Cottage street                                    | 979 44                                             |
| Elmwood street                                    | 46 10                                              |
| Ferdinand street                                  | 78 99                                              |
| Gardner street (culvert)                          | 39 85                                              |
| Huntington avenue                                 | 206 87                                             |
| Hyde Park avenue                                  | $248 \ 37$                                         |
| Keyes street (culvert)                            | 70 45                                              |
| Linden Park street                                | 89 42                                              |
| Longwood avenue                                   | 84 93                                              |
| Massachusetts avenue (over Boston & Albany        |                                                    |
| Railroad)                                         | $113 \ 75$                                         |
| Massachusetts avenue (over N.Y., N.H., & H.       |                                                    |
| Railroad, Providence Division) .                  | 105 09                                             |
| Mattapan                                          | $36 \ 26$                                          |
| Shawmut avenue                                    | 854 04                                             |
| Summer street (culvert)                           | 49 18                                              |
| Texas street                                      | $54 \ 26$                                          |
| West Newton street                                | 91 00                                              |
| Williams street (culvert)                         | 44.96                                              |
| Woodman street (culvert)                          | 39 89                                              |
| Sundry expenditures                               | 1,691 29                                           |
|                                                   |                                                    |
| Total                                             | \$6,712 36                                         |

# REGULAR MAINTENANCE EXPENSES AT NORTH AND SOUTH YARDS.

NORTH YARD, DISTRICT No. 1.

# Warren Bridge.

| Messenger    |       |      |  |  | \$797 68    |
|--------------|-------|------|--|--|-------------|
| 787 . 7      |       |      |  |  | $1,208\ 00$ |
| Tools for ca | rpen  | ters |  |  | 86 99       |
| Tools for pa | ainte | rs.  |  |  | 3 60        |
| Telephone    |       |      |  |  | $156 \ 00$  |
| Gas .        |       |      |  |  | 41 86       |
| Plumbing     |       |      |  |  | $42 \ 03$   |
| Rubber hose  | э.    |      |  |  | $13 \ 80$   |
| New doors    |       |      |  |  | $13 \ 00$   |
| Water .      |       |      |  |  | $10 \ 00$   |
| Ice .        |       |      |  |  | 6 00        |
| Small suppl  | ies   | J    |  |  | 10 $65$     |
|              |       |      |  |  |             |

\$2,389 61

# STABLE, DISTRICT No. 1.

| Teamster     |      | 5.4  |  |  | 780 00     |
|--------------|------|------|--|--|------------|
| Hostler.     |      |      |  |  | $631 \ 75$ |
| Feed .       |      |      |  |  | $330 \ 81$ |
| Repairing v  | ehic | les  |  |  | $128 \ 82$ |
| Repairing h  | arne | sses |  |  | $71 \ 15$  |
| Horseshoein  | g    |      |  |  | $112 \ 29$ |
| Concord wa   | gon  |      |  |  | $200 \ 00$ |
| Pung .       | •    |      |  |  | $65 \ 00$  |
| Clipping ho  | rses |      |  |  | $15 \ 00$  |
| Water .      |      |      |  |  | $10 \ 00$  |
| Dentistry    |      |      |  |  | $3 \ 00$   |
| Small suppli | ies  |      |  |  | 97'04      |
|              |      |      |  |  |            |

Total expended, North Yard and Stable .

2,444 86

\$4.834 47

.

# South Yard, District No. 2.

# Foundry Street.

| Messenger . '.         |       |     |   | \$748 94   |
|------------------------|-------|-----|---|------------|
| Watchman               |       |     |   | $735 \ 00$ |
| Yardman                |       |     |   | $420 \ 00$ |
| Tools for carpenters   |       |     |   | $297 \ 42$ |
| Tools for painters.    |       |     |   | $163 \ 65$ |
| Telephone              |       |     |   | $156 \ 00$ |
| Coal                   |       |     |   | $29 \ 96$  |
| Building closet and lo | ckers |     |   | $24 \ 50$  |
| Repairing iron scrape  |       |     |   | $25 \ 20$  |
| Ladders                |       |     |   | 10 00      |
|                        | Ť     | · · | · |            |
|                        |       |     |   |            |

Carried forward,

\$2,610 67

| Brough      | t for | ward,   |      |  | 99 | 2,610 $67$ |
|-------------|-------|---------|------|--|----|------------|
| Falls .     | •     |         |      |  |    | $10 \ 95$  |
| Repairing h | ydra  | ulie ja | acks |  | •  | $35 \ 60$  |
| Shovels     | •     | •       |      |  |    | $12 \ 00$  |
| Ice chisels |       |         |      |  |    | $7^{-}50$  |
| Water .     |       |         |      |  |    | $10 \ 00$  |
| Ice .       |       |         |      |  |    | 6 00       |
| Small suppl | ies   |         | •    |  |    | $33 \ 00$  |
|             |       |         |      |  |    |            |

\$2,725 72

# STABLE, DISTRICT No. 2.

| Teamster   |          |      |  |  | \$737 | 50  |
|------------|----------|------|--|--|-------|-----|
| Hostler    |          |      |  |  | 735   | 00  |
| Feed · .   |          |      |  |  | 683   | 33  |
| Repairing  | wagons   |      |  |  | 931   | 16  |
| Repairing  | buggies  |      |  |  | 294   | 85  |
| Repairing  |          |      |  |  | 73    | 25  |
| Horseshoe  |          | . 1  |  |  | 229   | 00  |
| Three hors |          |      |  |  | 745   | 00  |
| Clipping h | orses    |      |  |  | 18    | 00  |
| Rent of st |          |      |  |  | 600   | 00  |
| Coal .     |          |      |  |  | 19    | 06  |
| Veterinary | service  |      |  |  | 34    | 60  |
| Repairing  |          |      |  |  | 275   | .90 |
| New harn   | esses    |      |  |  | 295   | 00  |
| English V  | egetable | food |  |  | 75    | 00  |
| Colic medi |          |      |  |  | 15    | 00  |
| Small sup  | plies    |      |  |  | 231   | 50  |
|            |          |      |  |  |       |     |

5,992 55

Total expended, South Yard and Stable . .

\$8,718 27

# SPECIAL APPROPRIATIONS.

| Broadway                  | y bi | ridge | ) (ove | r For | t-Poir | nt che | unnel). |    |            |
|---------------------------|------|-------|--------|-------|--------|--------|---------|----|------------|
| Sundry repair<br>Ironwork |      |       |        |       |        |        | \$499   | 37 |            |
| Transferred<br>Wards 12   |      |       |        |       |        |        | 501     | 77 |            |
| Total                     | •    |       |        |       |        | ٠      | •       | •  | \$1,001 14 |

BRIDGE IMPROVEMENTS, WARDS 12 AND 13.

Broadway bridge (over Fort-Point channel). General repairs on draw machinery, new

centre etc (

| Ironwork<br>Carpenters |      | •   |  |  | \$431<br>70 | 23<br>) 54 |       |    |
|------------------------|------|-----|--|--|-------------|------------|-------|----|
| Total e                | xpen | ded |  |  |             |            | \$501 | 77 |

|                                                                                                                                                                                                                                                                                     | footbi                                                                  |                                                         |                                                       |                                      | Y., N.I                     | I.,                   |                                           |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------------------|-----------------------|-------------------------------------------|----------------------------|
| & H. R.R., Pr                                                                                                                                                                                                                                                                       |                                                                         |                                                         |                                                       |                                      |                             |                       |                                           |                            |
| Erected footbridge                                                                                                                                                                                                                                                                  | and but                                                                 | ilt reta                                                | ammg                                                  | g-wall                               | .s.<br>\$39                 | 17                    |                                           |                            |
| Advertising<br>Inspector                                                                                                                                                                                                                                                            | ·                                                                       | •                                                       | •                                                     | ·                                    | $359 \\ 176$                |                       |                                           |                            |
| Contract with Quin                                                                                                                                                                                                                                                                  | nbv &                                                                   | Fergi                                                   | uson                                                  | for                                  | 110                         | 00                    |                                           |                            |
| work done and a                                                                                                                                                                                                                                                                     | materia                                                                 | l furn                                                  | ished                                                 | on                                   |                             |                       |                                           |                            |
| retaining-walls .<br>Contract with D. H                                                                                                                                                                                                                                             |                                                                         | •                                                       |                                                       |                                      | $^{3,200}$                  | 00                    | ¥.                                        |                            |
| Contract with D. H                                                                                                                                                                                                                                                                  | I. And                                                                  | rews                                                    | for w                                                 | ork                                  |                             |                       |                                           |                            |
| done and materia                                                                                                                                                                                                                                                                    |                                                                         |                                                         |                                                       |                                      |                             |                       |                                           |                            |
| old bridge from I<br>furnishing and ei                                                                                                                                                                                                                                              | rankin                                                                  | same                                                    | at F                                                  | re-                                  |                             |                       |                                           |                            |
| wick park                                                                                                                                                                                                                                                                           | · eemig                                                                 | same                                                    |                                                       |                                      | 1.700                       | 00                    |                                           |                            |
|                                                                                                                                                                                                                                                                                     |                                                                         |                                                         |                                                       |                                      |                             |                       |                                           |                            |
| Total expended<br>Transferred to Ci<br>January 31, 1895                                                                                                                                                                                                                             | đ.                                                                      |                                                         |                                                       |                                      | •                           |                       | \$5,115                                   | 17                         |
| Transferred to Ci                                                                                                                                                                                                                                                                   | ty Nui                                                                  | sery                                                    | and                                                   | Gree                                 | n-house                     | es.                   | 001                                       | 0.0                        |
| January 31, 1895                                                                                                                                                                                                                                                                    | • •                                                                     | •                                                       | •                                                     | •                                    | •                           | •                     | 884                                       |                            |
| Appropriation .                                                                                                                                                                                                                                                                     |                                                                         |                                                         |                                                       |                                      |                             |                       | \$6,000                                   |                            |
| inppropriation .                                                                                                                                                                                                                                                                    |                                                                         | •                                                       | •                                                     | , ·                                  | •                           | ·                     | 40,000                                    |                            |
| <b>Boylston-street</b>                                                                                                                                                                                                                                                              | bridge                                                                  | e (ove                                                  | er Bos                                                | ston                                 | & Alba                      | nv                    |                                           |                            |
| Railroad).                                                                                                                                                                                                                                                                          | NI IUB                                                                  | (010                                                    |                                                       |                                      |                             |                       |                                           |                            |
| Built new iron fenc                                                                                                                                                                                                                                                                 | e.                                                                      |                                                         |                                                       |                                      |                             |                       |                                           |                            |
| Erecting fence<br>Transferred to surf                                                                                                                                                                                                                                               |                                                                         |                                                         |                                                       | •                                    |                             | •                     | \$1,094                                   | 00                         |
| Transferred to sur                                                                                                                                                                                                                                                                  | face dr                                                                 | ain, F                                                  | ⊰oylst                                                | ion s'                               | treet, 1                    | )e-                   |                                           |                            |
|                                                                                                                                                                                                                                                                                     |                                                                         |                                                         | -                                                     |                                      |                             |                       | 1 600                                     | 00                         |
| Transferred to City                                                                                                                                                                                                                                                                 | <br>Nurse                                                               | rv and                                                  | l Gre                                                 | enho                                 | nses J                      | •<br>• 11 •           | 1,600                                     | 00                         |
| cember 3, 1894<br>Transferred to City<br>uary 31, 1895                                                                                                                                                                                                                              | Nurse                                                                   | ry and                                                  | 1 Gre                                                 | enho                                 | uses, Ja                    | an-                   |                                           |                            |
| Transferred to City<br>uary 31, 1895                                                                                                                                                                                                                                                | v Nurse                                                                 | ry and<br>·                                             | 1 Gre                                                 | enho                                 | uses, Ja                    | an-                   | $\begin{array}{r}1,600\\ 38\\\end{array}$ |                            |
| Transferred to City<br>uary 31, 1895<br>Appropriation                                                                                                                                                                                                                               | • •                                                                     | •                                                       | l Gre                                                 | enho                                 | uses, Ja                    | •                     | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street                                                                                                                                                                                                                                    | •••                                                                     | •                                                       | l Gre                                                 | enho                                 | uses, J:                    | •                     |                                           | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).                                                                                                                                                                                                                    | bridge                                                                  | , rebu                                                  | l Gre                                                 | enho                                 | uses, J:                    | •                     | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N                                                                                                                                                                                              | bridge<br>av & C                                                        | , rebu<br>0.                                            | l Gre<br>ilding                                       | eenho<br>g (Ea                       | uses, J:                    | •                     | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done                                                                                                                                                                        | bridge<br>av & C<br>e by Br                                             | , rebu<br>o.<br>idge I                                  | l Gre<br>ilding                                       | eenho<br>·<br>·<br>g (Ea             | uses, J:<br>st Bost         | ton                   | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done                                                                                                                                                                        | bridge<br>av & C<br>e by Br                                             | , rebu<br>o.<br>idge I                                  | l Gre<br>ilding                                       | eenho<br>·<br>·<br>g (Ea             | uses, J:                    | ton<br>45             | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .                                                                                                                        | bridge<br>ay & C<br>e by Br                                             | , rebu<br>o.<br>idge I                                  | l Gre                                                 | eenho<br>·<br>·<br>g (Ea<br>on.<br>· | uses, Ja<br>st Bos<br>\$120 | ton<br>45<br>00       | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F                                                                                                  | bridge<br>ay & C<br>e by Bri<br>Nay 6                                   | , rebu<br>o.<br>idge I                                  | d Gre<br>ilding<br>Divisio                            | eenho<br>g (Ea<br>on.                | uses, J                     | ton<br>45<br>00       | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F                                                                                                  | bridge<br>ay & C<br>e by Br<br>Nay é                                    | , rebu<br>o.<br>idge I                                  | l Gre<br>ilding<br>Divisio                            | eenho<br>g (Ea<br>on.                | uses, J.                    | ton<br>45<br>00<br>22 | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F                                                                                                  | bridge<br>ay & C<br>e by Br<br>Nay é                                    | , rebu<br>o.<br>idge I                                  | l Gre<br>ilding<br>Divisio                            | eenho<br>g (Ea<br>on.                | uses, J.                    | ton<br>45<br>00<br>22 | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F                                                                                                  | bridge<br>ay & C<br>e by Br<br>Nay é                                    | , rebu<br>o.<br>idge I                                  | l Gre<br>ilding<br>Divisio                            | eenho<br>g (Ea<br>on.                | uses, J.                    | ton<br>45<br>00<br>22 | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F                                                                                                  | bridge<br>ay & C<br>e by Br<br>Nay é                                    | , rebu<br>o.<br>idge I                                  | l Gre<br>ilding<br>Divisio                            | eenho<br>g (Ea<br>on.                | uses, J.                    | ton<br>45<br>00<br>22 | 38<br>\$2,732                             | 82<br>82                   |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F<br>done and materia<br>bridge (except in<br>Carpenters<br>Inspecting and tess<br>for iron draw . | bridge<br>ay & C<br>e by Br<br>Nay &<br>I furnis<br>on draw<br>ting at  | , rebu<br>o.<br>idge I<br>& Co.<br>shed r<br>v)<br>mill | l Gre<br>ilding<br>Divisio<br>for w<br>ebuild<br>mate | eenho<br>g (Ea<br>on.                | uses, J.<br>                | ton<br>45<br>00<br>22 | 38<br>\$2,732                             | 82                         |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F<br>done and materia<br>bridge (except in<br>Carpenters<br>Inspecting and tess<br>for iron draw . | bridge<br>ay & C<br>e by Br<br>Nay &<br>I furnis<br>on draw<br>ting at  | , rebu<br>o.<br>idge I<br>& Co.<br>shed r<br>v)<br>mill | l Gre<br>ilding<br>Divisio<br>for w<br>ebuild<br>mate | eenho<br>g (Ea<br>on.                | uses, J.<br>                |                       | 38<br>\$2,732<br>\$11,585                 | 82 82 82 08                |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F                                                                                                  | bridge<br>ay & C<br>e by Br<br>Nay &<br>I furnis<br>on draw<br>ting at  | , rebu<br>o.<br>idge I<br>& Co.<br>shed r<br>v)<br>mill | l Gre<br>ilding<br>Divisio<br>for w<br>ebuild<br>mate | eenho<br>g (Ea<br>on.                | uses, J.<br>                |                       | 38<br>\$2,732                             | 82 82 82 08                |
| uary 31, 1895<br>Appropriation<br>Chelsea-street<br>to Chelsea).<br>Rebuilt by B. F. N<br>Top sheathing done<br>Advertising<br>Inspector<br>Specifications .<br>Contract with B. F<br>done and materia<br>bridge (except in<br>Carpenters<br>Inspecting and tess<br>for iron draw . | bridge<br>ay & C<br>e by Br<br>Nay &<br>il furnis<br>on drav<br>ting at | , rebu<br>o.<br>idge I<br>& Co.<br>shed r<br>v)<br>mill | l Gre<br>ilding<br>Divisio<br>for w<br>ebuild<br>mate | eenho<br>g (Ea<br>on.<br>erial       | uses, J.<br>                |                       | 38<br>\$2,732<br>\$11,585<br>18,414       | 82<br>82<br>82<br>08<br>92 |

[Work uncompleted.]

| Commony<br>Built sidewa                                               |            |         |         | e.      |        |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
|-----------------------------------------------------------------------|------------|---------|---------|---------|--------|--------|----------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Dunt sidewa                                                           | in an      | d rend  |         |         |        |        | 51 101   | 0.0   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Carpenters<br>Lumber                                                  | •          | •       | •       | •       | •      | • •    | p1,101   | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Lumber                                                                | •          | •       | •       | •       | •      | •      | 1,610    | 96    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Nails .                                                               | •          | •       | •       |         | •      | •      | 92       | 19    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Car-fares                                                             |            |         |         |         |        |        | 67       | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Ice .                                                                 |            |         |         |         |        |        | 3        | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
|                                                                       |            |         |         |         |        |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Carpenters<br>Lumber<br>Nails .<br>Car-fares<br>Ice .<br>Charged to C | Comm       | ionwe   | alth    | avent   | ie     | •      |          | •     | \$2,954                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15           |
| Broadway                                                              | e hui      | dea     | OVer    | Fort    | -Poin  | t che  | (lonnal) |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Ironwork                                                              | • •        | ·       | •       | •       | •      | •      | •        | •     | . \$121                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 06           |
|                                                                       |            |         |         |         |        |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Congress                                                              | stre       | et pri  | age     | (over   | Fort-  | Poin   | it cham  | iel). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Ironwork                                                              | •          | •       | •       | •       | •      |        | \$1,507  | 16    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Ironwork<br>Two upright                                               | boile      | ers, sp | ecial   | l patte | ern    |        | 1,000    | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Setting same<br>burners, et                                           | , con      | nectio  | ns, v   | alves   | , smol | ке-    |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| burners, et                                                           | te.        |         |         |         | •      |        | 400      | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| ourreno, o                                                            |            |         |         |         |        |        |          |       | 2,907                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16           |
| Federal-s                                                             | troo       | t brid  | loo     | lovor   | Fort   | Poir   | at abon  | nol)  | 2,001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10           |
| r euerai-s                                                            |            | U DI II | ige     | (over   | ront   | -1 011 | e chan   | ner). |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Plumbing<br>Ironwork                                                  | •          | •       | •       | •       | •      | •      | \$299    | 50    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Ironwork                                                              | •          | •       | •       | •       | •      | •      | 10       | 22    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| L-street-bri<br>Two spar bu<br>Two 6-ton m                            |            |         |         |         |        |        |          |       | 309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 72           |
| L-street-bri                                                          | idge       | (over   | Res     | erved   | chan   | nel).  |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Two spar bu                                                           | ovs        |         |         |         |        | ,      | \$94     | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Two 6-ton m                                                           | norir      | o-sto   | nes     |         |        |        | 210      | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| I HO O TOH H                                                          | 100111     | ·ə      | neo     | •       | •      | •      | 210      | 00    | 304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 00.          |
| 37. 337                                                               | • •        |         |         |         |        |        |          |       | 504                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 00           |
| Mt. Wash                                                              | ingt       | on-av   | enne    | e brid  | .ge (o | over.  | Fort-Pe  | oint  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| channel                                                               | ).         |         |         |         |        |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Repairing fe                                                          | nder-      | guard   |         |         |        |        | \$184    | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Repairing fe<br>Iron-work                                             |            |         |         |         |        |        | 12       | 88    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
|                                                                       |            |         |         |         |        |        |          |       | 196                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 88           |
| Commence                                                              | -          |         |         |         |        |        |          |       | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 00           |
| Congress                                                              | stre       | et.     |         |         |        |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Completed the                                                         | he fei     | nce ar  | id sid  | lewal   | x.     |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Carpenters                                                            | •          |         | •       | • -     |        |        | \$1,612  | 05    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Congress<br>Completed th<br>Carpenters<br>Painters<br>Lumber<br>Nails |            |         |         |         |        |        | 261      | 75    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Lumber                                                                |            |         |         |         |        |        | 821      | 63    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Nails .                                                               |            |         |         |         |        |        | 52       | 45    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| 1100115 +                                                             | •          | •       | •       | •       | •      | •      | 02       | -10   | 2,747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 65           |
| <i>(</i> 1) <b>2</b> .                                                | <i>a</i> . |         |         |         |        | _      |          |       | 2,141                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 00           |
| Unarged to                                                            | Stree      | t Imp   | prove   | ement   | s, Al  | dern   | nanie 1  | )is-  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| trict No. (                                                           | 3          |         |         |         |        |        |          |       | \$6,586                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 70           |
|                                                                       |            |         |         |         |        |        |          |       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _            |
| 337:11*                                                               |            | .4.1    | : 1     | ( .     | CL.    | ,      |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Williams                                                              | -stre      | et pr   | uge     | (ove    | r Sto  | ny b   | rook).   |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Rebuilt the                                                           | bridg      | e.      |         |         |        |        |          |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Carpenters                                                            |            | •       |         |         |        |        | \$144    | 00    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Lumber                                                                |            |         |         |         |        |        | 185      | 48    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Nails .                                                               |            |         |         |         |        |        | 15       | 45    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Williams<br>Rebuilt the l<br>Carpenters<br>Lumber<br>Nails            | ·          |         | ·       |         |        |        | 10       | 1.0   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Charged to                                                            | Stug       | t Im    | D MOI T | mont    | o A 1  | Jan    | nality T | ) in  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| thick No.                                                             | 11         | ic im   | prove   | ment    | 5, AI  | dern   | tante 1  | 18-   | 0.0.1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.0          |
| trict No.                                                             |            |         |         |         |        |        |          |       | \$344                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 95           |
|                                                                       |            |         |         |         |        |        |          |       | And a state of the | A DECIMAL OF |

| L-street<br>Overhauling<br>shaft, rep-<br>steam-pun | engi<br>airing<br>ap.      | ne, r<br>g feno         | nachi<br>ce, dr       | uery,<br>aw-lat | wind<br>clı, a | lass-l<br>nd co | nead a<br>nnecti  | ng         |          |    |
|-----------------------------------------------------|----------------------------|-------------------------|-----------------------|-----------------|----------------|-----------------|-------------------|------------|----------|----|
| Charged to S                                        | Stree                      | t Imp                   | roven                 | nents,          | Wai            | rd 14           | ·                 | •          | \$291    | 58 |
| Granite I<br>Repaired ma                            | oridg<br>achino            | ge (fr<br>ery           | om D                  | orche           | ster t         | o Mil<br>•      | ton).             |            | \$128    | 90 |
| Mattapar<br>Repaired ros<br>Lumber                  | <b>bri</b><br>ndwaj        | v.                      |                       |                 |                |                 |                   | •          | 21       | 47 |
|                                                     |                            | [Se                     | e regu                | ılar ap         | prop           | riatio          | n.]               |            |          |    |
| Neponset<br>New deck.                               | ; brie                     | lge (                   | from                  | Doret           | lester         | r to A          | lilton)           | •          |          |    |
| T 1                                                 |                            |                         |                       |                 |                |                 | \$438             | 25         |          |    |
| Lumber<br>Ironwork                                  | •                          | •                       | •                     | •               | •              | •               | 204               | 20         | 642      | 45 |
|                                                     |                            | ſSe                     | e reg                 | ular a          | opro           | priati          | on.]              |            |          |    |
| Charged to a                                        | Stree                      | t Imp                   | rover                 | nents,          | Wai            | rd 24           | •                 | •          | \$792    | 82 |
| Brooklin                                            | e-av                       | enue                    | brid                  | ge (d           | over           | Bosto           | on & .            | A1-        |          |    |
| bany R<br>Laid new de                               | ailro                      | ad).                    |                       |                 |                |                 |                   |            |          |    |
| bridge tw                                           | o coa                      | ts. al                  | so the                | e wate          | r-pip          | es.             | i pam             | ucu        |          |    |
| Carpenters                                          |                            |                         |                       |                 |                |                 | \$727             | 75         |          |    |
| Deintong                                            |                            |                         |                       |                 |                |                 | 413               | 89         |          |    |
| Lumber                                              | •                          | •                       | •                     | •               |                | •               | 998               | 43         |          |    |
| Ironwork<br>Hardware<br>Nails<br>Paint stock        | •                          | •                       | •                     | •               | ·              | •               | 4                 | 80         |          |    |
| Hardware                                            | •                          | •                       | •                     | •               | ·              | •               | $\frac{31}{47}$   | 00<br>75   |          |    |
| Naus .                                              | •                          | •                       | •                     | •               | •              | •               | 71                | 83         |          |    |
| Car-fares                                           | •                          | •                       | ÷                     | •               |                |                 | 4                 | 90         |          |    |
| Car rares                                           | •                          |                         |                       |                 |                |                 |                   |            | \$2,3.01 | 15 |
| Common<br>[For desc                                 | weal<br>riptio             | t <b>h-a</b> v<br>on of | v <b>enue</b><br>work | • bri<br>done,  | dge<br>see     | (ovei<br>regul  | · outle<br>ar app | t).<br>ro- |          |    |
| priation.]<br>Lumber                                |                            |                         |                       |                 |                |                 | •                 |            | 240      | 59 |
| Charged to                                          | $\operatorname{Stree}_{i}$ | et Imp                  | provei                | nents,          | Wa             | rds 19          | and :             | 22,        | \$2,541  | 74 |
| <b>Florence</b><br>Rebuilt brid<br>[Balance         | ge, s                      | idewa                   | ilks, a               | and fe          | nce.           |                 |                   |            |          |    |
| Carpenters                                          | •                          | •                       |                       | •               | •              | •               | •                 | •          | \$759    | 24 |
| Charged to                                          | Stree                      | et Imj                  | provei                | ments.          | Wa             | rds 2           | 3 and 5           | 25,        | \$759    | 24 |

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# RECAPITULATION.

| Am     | iounts d | harg | ed to | Speci  | al A            | .ppropri | ati | ons:  |          |                 |
|--------|----------|------|-------|--------|-----------------|----------|-----|-------|----------|-----------------|
|        |          |      |       |        |                 |          |     |       | \$499    | 37              |
| Bridg  | e Impro  | ovem | ents. | , Ward | s 12            | and 13   |     |       | 501      | 77              |
|        | ck Parl  |      |       |        |                 |          |     |       | 5,115    | 17              |
| Boyls  | ton-stre | et B | ridge | ě.     | •               |          |     |       | 1,094    | 00              |
|        | ea-stree |      |       |        |                 |          |     |       | 11,585   | 08              |
|        |          |      |       |        |                 |          |     |       | 2,954    | 15              |
| Street | Impro    | veme | nts,  | Aldern | nani            | e Distri | ict | No. 6 | 6,586    | 70              |
| 66     | •        | 66   |       |        |                 | 66       |     | ·· 11 | 344      | 93              |
| 6.6    |          | 6.6  |       | Ward   | 14              |          |     |       | 291      | 58              |
| 4.6    |          | 66   |       | Ward   | 24              |          |     |       | 792      | 82              |
| 66     |          | 66   |       | Wards  | 19              | and 22   |     |       | 2,541    | $\overline{74}$ |
| 66     |          | 6.6  |       | Wards  | $\overline{23}$ | and 25   |     |       | 759      | 24              |
|        |          |      |       |        |                 |          |     |       | <u> </u> |                 |
|        | Total    |      |       |        |                 |          |     |       | \$33,066 | 55              |
|        |          |      |       |        |                 |          |     |       | -        | -               |

# LIST OF BOSTON BRIDGES.

I. - BRIDGES WHOLLY SUPPORTED BY BOSTON.

Agassiz road, in Back Bay Fens.

- Allston, over Boston & Albany Railroad at Cambridge street, Brighton.
- Ashland street, over N. Y., N. H., & H. Railroad, Providence Division, West Roxbury.

Athens street, over N. Y. & N. E. Railroad.

- Audubon road, over Boston & Albany Railroad, Brookline Branch.
- Beacon entrance, Back Bay Fens, over Boston & Albany Railroad.
- Beacon street, over outlet to Back Bay Fens.

Beacon street, over Boston & Albany Railroad.

- Berkeley street, over Boston & Albany Railroad.
- Berkeley street, over N. Y., N. H., & H. Railroad, Providence Division.
- Berwick-park (foot) bridge, over N. Y., N. H., & H. Railroad, Providence Division.
- Blakemore street, over N. Y., N. H., & H. Railroad, Providence Division, West Roxbury.
- Bolton street, over N. Y. & N. E. Railroad.
- Boylston street, over Boston & Albany Railroad.

Boylston street, over outlet to Back Bay Fens.

\*Broadway, over Fort-Point channel.

Broadway, over Boston & Albany Railroad.

Brookline avenue, over Boston & Albany Railroad.

Byron street, over Boston, Revere Beach, & Lynn Railroad.

\*Castle Island, from Marine park, South Boston, to Castle Island. \*Charles river, from Boston to Charlestown.

- \*Chelsea (South), over South channel, Mystic river.

\*Chelsea street, from East Boston to Chelsea.

Columbus avenue, over Boston & Albany Railroad.

\*Commercial Point, or Tenean, Dorchester.

Commonwealth avenue, over outlet to Back Bay Fens.

\*Congress street, over Fort-Point channel.

Cornwall street, over Stony brook, West Roxbury.

Cottage Farm, over Boston & Albany Railroad, at Commonwealth avenue.

Cottage-street footbridge, over flats, East Boston.

- Dartmouth street, over Boston & Albany, and Providence Divsion of N. Y., N. H., & H. Railroad.
- \*Dover street, over Fort-Point channel.
- \*Federal street, over Fort-Point channel.
- Fen, Back Bay Fens.

<sup>[</sup>In the list those marked with an asterisk are over navigable waters, and are each provided with a draw.]

- Ferdinand street, over Boston & Albany Railroad.
- Florence street, over Stony brook, West Roxbury.
- Gold-street footbridge, over N. Y. & N. E. Railroad.
- Huntington avenue, over Boston & Albany Railroad.
- Irvington-street footbridge, over N. Y., N. H., & H. Railroad, Providence Division.
- \*L street, over Reserved channel at junction of Congress and L streets.
- Leyden street, over Boston, Revere Beach, & Lynn Railroad.
- Linden Park street, over Stony brook.
- \*Malden, from Charlestown to Everett.
- Massachusetts avenne, over Boston & Albany Railroad.
- Massachusetts avenue, over N. Y., N. H., & H. Railroad, Providence Division.
- \*Meridian street, from East Boston to Chelsea.
- \*Mt. Washington avenue, over Fort-Point channel.
- Neptune road, over Boston, Revere Beach, & Lynn Railroad.
- Public Garden footbridge.
- Shawmut avenue, over Boston & Albany Railroad.
- Stony brook, Back Bay Fens.
- Swett street, east of N. Y. & N. E. Railroad.
- Swett street, west of N. Y. & N. E. Railroad.
- \*Warren, from Boston to Charlestown.
- West Newton street, over N. Y., N. H., & H. Railroad, Providence Division.
- West Rutland-square footbridge, over N. Y., N. H., & H. Railroad, Providence Division.
- Winthrop, from Breed's Island to Winthrop.

# II. — BRIDGES OF WHICH BOSTON SUPPORTS THE PART WITHIN ITS LIMITS.

- \*Cambridge street, from Brighton to Cambridge.
- Central avenue, from Dorchester to Milton.
- \*Chelsea (North), from Charlestown to Chelsea.
- \*Essex street, from Brighton to Cambridge.
- \*Granite, from Dorchester to Milton.
- Longwood avenue, from Roxbury to Brookline.
- Mattapan, from Dorchester to Milton.
- Milton, from Dorchester to Milton.
- \*Neponset, from Dorchester to Quincy.
- \*North Beacon street, from Brighton to Watertown.
- \*North Harvard street, from Brighton to Cambridge.
- Spring street, from West Roxbury to Dedham.
- \*Western avenue, from Brighton to Cambridge.
- \*Western avenue, from Brighton to Watertown.
- III. BRIDGES OF WHICH BOSTON PAYS A PART OF THE COST OF MAINTENANCE.
- Albany street, over Boston & Albany Railroad.
- Dorchester street, over N. Y., N. H., & H. Railroad, Plymouth and Taunton Division.

Everett street, over Boston & Albany Railroad, Brighton. \*Harvard, from Boston to Cambridge. \*Canal, from Boston to Cambridge. \*Prison Point, from Charlestown to Cambridge. \*West Boston, from Boston to Cambridge.

The last four bridges are in the care of two Commissioners, one of whom is appointed by the City of Cambridge and the other by the City of Boston.

IV. — BRIDGES SUPPORTED BY RAILROAD CORPORATIONS. 1st. — Boston & Albany Railroad.

Harrison avenue. Market street, Brighton. Tremont street. Washington street.

2d. – Boston & Maine Railroad, Eastern Division. Mystic avenue. Main street.

3d. — Boston & Maine Railroad, Western Division. Mystic avenue. Main street.

4th. — Boston, Revere Beach, & Lynn Railroad. Everett street.

5th. - New York & New England Railroad.

Dorchester avenue. Harvard street, Dorchester. Morton 66 60 66 Norfolk 66 . ... Norfolk Silver street. Washington street, Dorchester. West Broadway. West Fifth street. West Fourth street. West Second street. West Sixth street. West Third street.

6th. — New York, New Haven, & Hartford Railroad, Plymouth and Taunton Division.

Adams streeet. Ashmont street and Dorchester avenue. Cedar Grove Cemetery. Freeport street. Savin Hill avenue.

# 7th. — New York, New Haven, & Hartford Railroad, Providence Division.

Beech street, West Roxbury. Bellevue street, West Roxbury. Canterbury street, West Roxbury. Centre street, or Hog Bridge, West Roxbury. Centre and Mt. Vernon streets, West Roxbury. Dudley avenue, West Roxbury. Park street, West Roxbury.

### RECAPITULATION.

| I.   | Number wholly supported by Boston                   | 57  |
|------|-----------------------------------------------------|-----|
| II.  | Number of which Boston supports the part within its |     |
|      | limits                                              | 14  |
| III. | Number of which Boston pays a part of the cost of   |     |
|      | maintenance                                         | 7   |
| IV.  | Number supported by railroad corporations :         |     |
|      | 1. Boston & Albany                                  | 4   |
|      | 2. Boston & Maine, Eastern Division .               | 2   |
|      | 3. " Western Division                               | 2   |
|      | 4. Boston, Revere Beach, & Lynn                     | 1   |
|      | 5. New York & New England                           | 13  |
|      | 6. New York, New Haven, & Hartford, Plymouth        |     |
|      | and Taunton Division                                | 5   |
|      | 7. New York, New Haven, & Hartford, Provi-          |     |
|      | dence Division                                      | 7   |
|      |                                                     |     |
|      | Total number                                        | 112 |

The existing regulations for the passage of vessels through drawbridges have been posted on the several bridges, as required by law.

The records of the number of draw openings, vessels passing through the bridges, time of passage, kind of vessels, number laden with cargo, etc., as kept by the draw-tenders of the several bridges, have been tabulated, and the totals are given in the summary, which will be found in Appendices A1 and A6.

A list of widths of openings for vessels in all bridges provided with draws in the city, measurements being furnished by the City Engineer, will be found in Appendix A2.

Appendix A3 is a table, also made by the City Engineer, showing widths of bridges, kind of roadways, sidewalks, etc.

A list of culverts and small bridges will be found in Appendix A4.

Appendix A5 contains a tabulated statement of traffic.

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APPENDIX A1.

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DRAW-TENDERS' REPORTS.

Giving the Number of Vessels passing through the Drawbridges controlled by the City of Boston, from February 1, 1894, to January 31, 1895.

|                                 | -        |   |                                                                   |           | -      |            |           |       |            |              |        |            |                    |        |                 |                 |
|---------------------------------|----------|---|-------------------------------------------------------------------|-----------|--------|------------|-----------|-------|------------|--------------|--------|------------|--------------------|--------|-----------------|-----------------|
| STEAMERS.                       | RS.      | i | SAILING VESSELS.                                                  | G VES     | SELS.  |            | TUGS.     |       | ALL        | ALL OTHERS.  | RS.    | TOTAL      | TOTAL NO. VESSELS. | SSELS. | Total<br>No. of | Total<br>No. of |
| By By Night. Totàl.             | . Totàl. |   | $\left  \begin{smallmatrix} By \\ Day. \end{smallmatrix} \right $ | By Night. | Total. | By<br>Day. | By Night. | otal. | By<br>Day. | By<br>Night. | Total. | By<br>Day. | By<br>Night        | Total. | Car-<br>goes.   | Open-<br>ings.  |
| $\frac{1}{4}$ $\frac{1}{2}$ $6$ |          |   | 1,888                                                             | 912       | 2,800  | 1,641      | 294       | 1,935 | 594        | 201          | 795    | 4,127      | 1,409              | 5,536  | 1,761           | 4,146           |
|                                 | :        |   | 100                                                               | 6         | 109    | 482        | 41        | 523   | 190        | 15           | 205    | 772        | 65                 | 837    | 146             | 529             |
| 16 18 34                        |          |   | 1,745                                                             | 758       | 2,503  | 2,315      | 627       | 2,942 | 1,718      | 553          | 2,271  | 5,794      | 1,956              | 7,750  | 2,303           | 5,534           |
| 59 7 66                         |          |   | 1,023                                                             | 118       | 1,141  | 3,469      | 372       | 3,841 | 1,395      | 236          | 1,631  | 5,946      | 733                | 6,679  | 1,134           | 4,566           |
| 46 5 51                         |          |   | 767                                                               | 83        | 850    | 1,718      | 92        | 1,810 | 1,030      | 53           | 1,083  | 3,561      | 233                | 3,794  | 1,083           | 2,935           |
| 6 6                             | 9        |   | 55                                                                | 2         | 57     | 131        | 28        | 159   | 84         | 32           | 116    | 276        | 62                 | 338    | 34              | 105             |
| •                               | •        |   | :                                                                 | 1         | 1      | :          | •         | •     | -          | •            | 1      | 1          | , 1                | 2      | 5               | 54              |
| 200 77 277                      |          |   | 3,107                                                             | 973       | 4,080  | 6,420      | 1,206     | 7,626 | 2,282      | 568          | 2,850  | 12,009     | 2,824              | 14,833 | 3,243           | 7,647           |
| 5 1 6                           | 1 6      |   | 1,619                                                             | 736       | 2,355  | 1,326      | 231       | 1,557 | 532        | 179          | 111    | 3,482      | 1,147              | 4,629  | 1,702           | 3,750           |
| 3 1 4                           | 1 4      |   | 123                                                               | 11        | 134    | 608        | 31        | 639   | 236        | 8            | 244    | 020        | 51                 | 1,021  | 204             | 666             |

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| 4,937          | 227      | 2,341      | 1,367  | 4,083           | 6,042                 | 250      |                   | 170                | 4,376  | 426                          | 52                           | 54,151                             |
|----------------|----------|------------|--------|-----------------|-----------------------|----------|-------------------|--------------------|--------|------------------------------|------------------------------|------------------------------------|
| 1,964          | 60       | 798        | 430    | 1,639           | 2,774                 | 69       |                   | 50                 | 1,731  | 117                          | 11                           | 66,552 17,338 83,890 21,255 54,151 |
| 6,100          | 339      | 4,971      | 2,168  | 7,011           | 10,547                | 369      |                   | 268                | 5,967  | 676                          | 55                           | 83,890                             |
| 1,635          | 4        | 1,093      | 246    | 1,004           | 2,612                 | 22       | •                 | 18                 | 2,176  | 45                           | 2                            | 17,338                             |
| $4,46\bar{0}$  | 335      | 3,878      | 1,922  | 6,007           | 7,935                 | 347      | •                 | 250                | 3,791  | 631                          | 53                           | 66,552                             |
| 816            | 37       | 1,535      | 574    | 2,088           | 2,246                 | 40       | •                 | 36                 | 1,699  | 153                          | 20                           | 4,100 19,151                       |
| 226            | •        | 399        | 99     | 343             | 653                   | 61       | •                 | 5                  | 547    | 13                           | 1                            | 4,100                              |
| £90            | 37       | 1,136      | 508    | 1,745           | 1,593                 | 38       | •<br>•<br>•       | 31                 | 1,152  | 140                          | 61                           | 15,051                             |
| 2,261          | 220      | 2,754      | 1,226  | 4,030           | 4,782                 | 224      | •<br>•<br>•       | 168                | 2,124  | 426                          | 28                           | 6,143 39,275 15,051                |
| 381            | ŝ        | 531        | 142    | 582             | 907                   | 0        | •                 | 11                 | 628    | 27                           |                              |                                    |
| 1,880          | 217      | 2,223      | 1,084  | 3,448           | 3,875                 | 215      | •                 | 157                | 1,496  | 399                          | 28                           | 24,797 33,132                      |
| 3,017          | 85<br>22 | 678        | 360    | 846             | 3,432                 | 105      | •                 | 64                 | 2,081  | 95                           | 2-                           | 24,797                             |
| 1,026          | 1        | 163        | 36     | 67              | 1,037                 | 11       | •                 | 2                  | 969    | 5                            | 1                            | 6,921                              |
| 1,991          | 81       | 515        | 324    | 779             | 2,395                 | F6       | :                 | 62                 | 1,112  | 90                           | 9                            | 667 17,876                         |
| 9              | •        | 4          | ×      | 47              | 87                    | •        |                   | •                  | 63     | 61                           | •                            |                                    |
| 10             |          | •          | 5      | 12              | 15                    | :        | •                 | •                  | 32     | •                            | •                            | 174                                |
| -+-            |          | +          | 9      | 35              | 72                    | •        |                   | •                  | 31     | 01                           |                              | 493                                |
| •              | :        | :          | •      | :               | :                     | :        | •                 | :                  | •      | dge,                         | wn,                          | •                                  |
| :              | •        | :          | :      | :               | 1c .                  |          | :                 |                    |        | Western avenue to Cambridge, | Western avenue to Watertown, |                                    |
|                |          | •          | :      |                 | vent                  | :        | :                 |                    |        | Car                          | Wa                           |                                    |
| :              | :        | •          | :      | نب              | n a'                  | :        | eet               | reet               | :      | e to                         | te to                        |                                    |
| vet            |          |            | •      | tree            | neto                  | :        | a str             | rd st              | :      | enn                          | uuə.                         | •                                  |
| l str          |          | بد         |        | nu s            | 1-lui                 | et       | aeor              | rval               |        | ve u.                        | n av                         | Totals                             |
| Federal street | Granite  | 1, street. | Malden | Meridian street | Mt. Washington avenue | Neponset | No. Beacon street | No. Harvard street | Warren | ester                        | ester                        | $T_0$                              |
| Fe             | Gr       | l,         | M      | MG              | Mt                    | Ne       | No                | No                 | W.     | W                            | W                            |                                    |

Nore. - West Boston, Prison Point, Canal (or Craigio's), and Harvard bridges are not included in these tables, being in the care of commissioners representing the two cities (Boston and Cambridge), connected by these bridges.

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# APPENDIX A2.

# Table showing the Widths of Openings for Vessels in all Bridges provided with Draws, in the City of Boston, January 31, 1895.

| NAME OF BRIDGE.                                       | Location.                | Number of<br>Openings. |      | Wid         | b.      |
|-------------------------------------------------------|--------------------------|------------------------|------|-------------|---------|
| Boston & Maine R.R., Eastern<br>Division              | Boston to Charlestown .  | 1                      | 39 1 | feet 8      | inches. |
| Boston & Maine R.R., Eastern<br>Division              | Over Miller's river      | 1                      | 35   | " 6         | 64      |
| Boston & Maine R.R. (freight),<br>Southern Division   | Boston to East Cambridge | 1                      | 40   | ·· 2        | "       |
| Boston & Maine R.R. (passenger),<br>Southern Division | cc ci ce ce              | 1                      | 39   | " 7         | "       |
| Boston & Maine R.R., Western<br>Division              | Boston to Charlestown .  | 1                      | 39   | " 7         | "       |
| Boston & Maine R.R., Western<br>Division              | Over Miller's river      | 1                      | 35   | ·· 10       | "       |
| Broadway                                              | Over Fort Point channel, | 1                      | 43   | " 3         | "       |
| Cambridge street                                      | Brighton to Cambridge .  | 1                      | 36   | " 3         | "       |
| Canal (or Craigie's)                                  | Boston to East Cambridge | 1                      | 36   | " 1         | "       |
| Charles river                                         | Boston to Charlestown .  | . 1                    | 36   | " 0         | "       |
| Chelsea (south channel)                               | Charlestown to Chelsea . | 1                      | 38   | " 9         | " "     |
| Chelsea (north channel)                               |                          | 1                      | 44   | " 10        | 4 G     |
| Chelsea st. (East Boston side)                        | East Boston to Chelsea . | 2                      | 36   | " 0         | ¢ 6     |
| " " (Chelsea side)                                    |                          |                        | 36   | " 0         | "       |
| Commercial point (or Tenean)                          | Dorchester               | 1                      | 24   | " 0         | "       |
| Congress street (Boston side)                         | Over Fort Point channel, | <b>2</b>               | 43   | " 3         | "       |
| " " (South Boston side) .                             |                          |                        | 43   | •• 11       | "       |
| Dover street                                          |                          |                        | 36   | <b>"</b> 10 | "       |
| Essex street                                          | Brighton to Cambridge .  | 1                      | 35   | ·· 9        | "       |
| Federal street                                        | Over Fort Point channel, | 1                      | 41   | <b>·</b> 10 | ""      |
| Fitchburg R.R.                                        | Boston to Charlestown .  | 1                      | 36   | " 0         | "       |
| " (for teaming freight)                               |                          | 1                      | 36   | " 0         | "       |

| NAME OF BRIDGE.                                    | Location.                              | Number of<br>Openings. | Width.                 |
|----------------------------------------------------|----------------------------------------|------------------------|------------------------|
| Grand Junction R.R                                 | Brighton to Cambridge .                | 1                      | 35 fect 9 inches.      |
|                                                    | East Boston to Chelsea.                | 1                      | 34 " 6 "               |
| Granite                                            | Dorchester to Milton                   | 1                      | 36 ** 0 **             |
| Harvard (Boston side)                              | Boston to Cambridge                    | 2                      | 36 ** 6 **             |
| " (Cambridge side)                                 |                                        |                        | 36 ** 8 **             |
| L street                                           | Over Reserved channel,<br>South Boston | 1                      | 40 ** 0 **             |
| Malden                                             | Charlestown to Everett.                | 1                      | 43 ** 4 **             |
| Meridian st. (East Boston side)                    | East Boston to Chelsea .               | 2                      | 59 ** 2 **             |
| """ (Chelsea side)                                 |                                        |                        | 59 ** 0 **             |
| Mt. Washington ave. (Boston side) .                | Over Fort Point channel,               | 2                      | 42 ** 3 **             |
| " " " (South Boston side)                          |                                        |                        | 42 ** 3 **             |
| Neponset                                           | Dorchester to Quincy                   | 1                      | 36 ** 0 **             |
| New York & New England R.R.<br>(Boston side)       | Over Fort Point channel,               | 2                      | 41 " 10 <sup>·</sup> " |
| New York & New England R.R.<br>(South Boston side) |                                        |                        | 40 " 11 "              |
| New York & New England R.R                         | Over South'Bay                         | 1                      | 28 " 4 "               |
| North Beacon street                                | Brighton to Watertown .                | 1                      | 30 ** 2 **             |
| North Harvard street                               | Brighton to Cambridge .                | 1                      | 36 " 0 "               |
| New York, New Haven, & Hart-<br>ford R.R           | Over Fort Point channel,               | 1                      | 36 '' 4 ''             |
| New York, New Haven, & Hart-<br>ford R.R.          | Dorchester to Quincy                   | 1                      | 36 '' 0 ''             |
| Prison Point                                       | Charlestown to Cam-<br>bridge          | 1                      | 36 ** 0 **             |
| Warren                                             | Boston to Charlestown .                | 1                      | 36 ** 2 **             |
| West Boston (Boston side)                          | Boston to Cambridge                    | 2                      | 36 ** 6 **             |
| " " (Cambridge side)                               |                                        | · .                    | 36 " 1 "               |
| Western avenue                                     | Brighton to Cambridge .                | 1                      | 36 ** 0 **             |
| ". "                                               | Brighton to Watertown,                 | 1                      | 35 ** 10 **            |
|                                                    |                                        |                        |                        |

Table showing Width of Openings, etc. - Concluded.

# APPENDIX A3.

# Table showing Width of Bridges, kind of Roadways, Sidewalks, etc., on Tide-water Bridges, January 31, 1895.

|                             | idge.            | R             | COADWAY.                    |     | SI     | DEWALKS.           |  |  |
|-----------------------------|------------------|---------------|-----------------------------|-----|--------|--------------------|--|--|
| NAME OF BRIDGE.             | Width of Bridge. | Width.        | Kind of<br>roadway.         | No. | Width. | Kind of walks.     |  |  |
|                             | Ft.In.           | Ft.In.        |                             |     | Ft.In. |                    |  |  |
| Broadway                    | 60 0             | 40 0          | Plank                       | 2   | 10 0   | Coal-tar concrete. |  |  |
| Cambridge street            | 40 0             | 33 2          |                             | 1   | 60     | Plank.             |  |  |
| Canal                       | 64 0             | 48 0          | Paved                       | 2   | 80     | Brick.             |  |  |
| Charles river               | 50 0             | $34 \ 0$      |                             | 2   | 80     | **                 |  |  |
| Chelsea, North              | 49 0             | 40 0          | ··                          | 1   | 8 0    | Coal-tarconcrete.  |  |  |
| " South                     | 50 0             | 37 0          |                             | 2   | 66     |                    |  |  |
| " street                    | 30 0             | 23 2          | Plank                       | 1   | 60     | Plank.             |  |  |
| Commercial point            | about<br>34 0    | about<br>27 0 |                             | 0   |        |                    |  |  |
| Congress street             | 60 0             | 44 0          | Paved                       | 2   | 8 0    | Coal-tarconcrete.  |  |  |
| Dover street (over water) . | 60 0             | 40 0          | "                           | 2   | 10 0   | Asphalt.           |  |  |
| Essex street                | 31 0             | 22 8          | Plank                       | 1   | 76     | Plank.             |  |  |
| Federal street              | 69 0             | 49 0          | Paved                       | 2   | 10 0   | Asphalt.           |  |  |
| Granite                     | 30 2             | 24 4          | Plank                       | 1   | 50     | Plank.             |  |  |
| Harvard                     | 69 4             | 51 0          | "                           | 2   | 92     | Asphalt.           |  |  |
| L street                    | 60 0             | 44 0          | Paved                       | 2   | 8 0    | **                 |  |  |
| Malden                      | 40 0             | 32 O          |                             | 1   | 7 0    | Coal-tarconcrete.  |  |  |
| Meridian street             | 50 0             | 36 0          |                             | 2   | 7 0    | ee ee              |  |  |
| Mt. Washington avenue       | 61 0             | 39 6          |                             | 2   | 10 9   |                    |  |  |
| Neponset                    | 30 0             | 23 10         | Plank                       | 1   | 55     | Plank.             |  |  |
| North Beacon street         | 31 0             | 25 2          |                             | 1   | 5 0    | ÷ .                |  |  |
| North Harvard street        | 28 2             | 26 7          |                             |     |        |                    |  |  |
| Prison Point                | 50 0             | 36 0          | { Plank part } Plank part } | . 2 | 2 7 0  | Coal-tarconcrete.  |  |  |
| Warren                      | 80 0             | 60 0          | Paved                       |     | 10 0   | ** **              |  |  |
| W. avenue to Cambridge      | 33 2             | 26 3          | Plank                       | 1   | 60     | Plank.             |  |  |
| " " " Watertown .           | 33 0             | 24 2          |                             | 1   | 8 0    | **                 |  |  |
| Winthrop                    | 24 2             | 19 10         |                             | 1   | 37     | 66                 |  |  |
| West Boston                 | 50 0             | 36 0          | Paved                       | 2   | 2 7 0  | Brick.             |  |  |
|                             |                  |               |                             |     |        | * ****             |  |  |

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# List of Culverts and Small Bridges. Those marked with (\*) are over Stony brook.

| LOCATION.                                              | Span.<br>Feet. | Height of<br>Opening.<br>Feet. | Length.<br>Feet. | Side-walls.       | Covering. | Depth of<br>Covering.<br><i>Feet.</i> |
|--------------------------------------------------------|----------------|--------------------------------|------------------|-------------------|-----------|---------------------------------------|
| Adams street, south of Park, Dorchester                | 5.0            | 4.0                            | 57               | Stone             | Stone     | 5.0                                   |
| *Amory street, near Centre, West Roxbury               | each 9.0       | caelı 8.0                      | 35               | Double stone arch | Stone     | 8.0                                   |
| * Ashland and Canterbury streets, West Roxbury         | . 0.7          | 4.0                            | 25               | Stone arei        | Stone     | 3.0                                   |
| *Ashland street and Canterbury, West Roxbury           | 7.6            | 5.5                            | 75               | Stone             | Wood.     |                                       |
| Ashland street, near Florence, West Roxbury            | 3.0            | 3.0                            | 50               | Stone             | Stone     | 0.0                                   |
| Ashland street, 200 feet from Canterbury, West Roxbury | 3.0            | 3.0                            | 50               | Stone             | Stone     | 3.0                                   |
| Back street, near Morton, Dorchester                   | 5.0            | 4.0                            | 30               | Stone             | Stone     | 2.0                                   |
| Baker street, at Brook farm, West Roxbury              | 15.0           | 5.0                            | 30               | Stone             | Wood.     |                                       |
| Baker street, opposite Prospect avenue, West Roxbury   | 2.67           | 2.67                           | 60               | Stone             | Stone     | 1.0                                   |
| Beech street, near Anawan avenue, West Roxbury         | 4.0            | 4.0                            | 50               | Stone             | Wood.     |                                       |
| Beech street, near Poplar, West Roxbury                | 1.5            | 2.5                            | 40               | Stone             | Stone     | 5.0                                   |
| Blue Hill avenue, Dorchester                           | 2.75           | 1.67                           | 225              | Stone             | Stone     | 2.0                                   |
| Blue Hill avenue, near Morton street, Dorchester       | 9.0            | 7.0                            | 60               | Stone             | Wood.     |                                       |
| *Boylston avenue, West Roxbury                         | 15.0           | 9.5                            | 30               | Stone             | Wood.     |                                       |

# STREET DEPARTMENT - BRIDGE DIVISION. 151

| Continued. |
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|-------------------------------------------------------|----------------|-------------------------------|------------------|--------------------------|-----------------|--------------------------------|
| LOGATION.                                             | Span.<br>Feet. | Height of<br>Opening<br>Feet. | Longth.<br>Peet. | Side-walls.              | Covering.       | Depth of<br>Covering.<br>Feet. |
| *Boylston street, at Boylston Station, West Rovbury   | each 7.0       | 9.0 & 8.0                     | 21,              | Double brick arch. Brick | Brick.          |                                |
| Brighton avenue, west of Babcock street, Brighton     | 3.5            | 3.0                           | 50               | Stone                    | Stone           | 1.25                           |
| Brighton avenue, west of Essex street, Brighton       | 3.0            | 3.0                           | 50               | Wood                     | Wood and carth. | 8.0                            |
| Canterbury street, near Morton, West Roxbury          | 2.0            | 3.0                           | 40               | Stone                    | Stone           | 4.0                            |
| Canterbury street, near Neponset avenue, West Røxbury | 10.0           | 5.0                           | 42               | Stone arch               | Stone           | 3.0                            |
| Canterbury street, near Poplar, West Roxbury          | 2.5            | 2.5                           | 50               | Stone                    | Stone           | 8.5                            |
| Contre street, near Spring, West Roxbury              | 4.0            | 4.0                           | 50               | Stone                    | Stone           | 3.()                           |
| Centre street, near Walter, West Roxbury              | 2.5            | 3.0                           | 50               | Stone                    | Stone           | 5.0                            |
| Centre street, at Williams farm, West Roxbury         | 4.0            | 4.0                           | 50               | Stone areh               | Stone           | 4.0                            |
| Centre street, at Williams farm, West Roxbury         | 1.5            | 3.0                           | 20               | Stone                    | Stone           | 5.0                            |
| Centre street, corner of Willow, West Roxbury         | 2.5            | 2.5                           | 60               | Stone                    | Stone           | 4.5                            |
| Church street, west of Weld, West Roxbury             | 2.67           | 4.5                           | 65               | Stone                    | Stone           | 3.0                            |
| Corey street, near Highland station, West Boxbury     | 2.5            | 3.0                           | 45               | Stone                    | Stone           | 2.0                            |
| Everett street, near B. & A. R.R., Brighton           | 3.0            | 2.0                           | 65               | Stone                    | Stone           | 2.0                            |
| Fanenil street, junction of Brooks, Brighton          | 3.5            | 3.5                           | 130              | Stone                    | Stone           | 2.5                            |
| Faneuil, west of Parsons, Brighton                    | 4.0            | 4.83                          | 50               | Stone arch               | Stone           | 4.0                            |

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|                                               |                                                  | 1                                              | STI                                                | REE                                                    | ті                              | JEI                                                | PAR                                                | тмі                                                        | ENT                                                |                                                 | · DI                                       | RID                     | GE                                            |                                               | VIS                              | 101                             | . 2                         |                                                                 | 195                            |
|-----------------------------------------------|--------------------------------------------------|------------------------------------------------|----------------------------------------------------|--------------------------------------------------------|---------------------------------|----------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|--------------------------------------------|-------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------|---------------------------------|-----------------------------|-----------------------------------------------------------------|--------------------------------|
|                                               | 4.0                                              | 6.0                                            | 4.0                                                | 5.0                                                    |                                 | 1.0                                                | 1.5                                                | 2.0                                                        | 3.0                                                | 2.0                                             | 1.2                                        | 5.0                     | 2.0                                           | 4.0                                           | 3.0                              | 2.0                             | 7.17                        | 2.0                                                             | 2.5                            |
| Wood.                                         | Stone                                            | Stone                                          | Stone                                              | Brick and stone,                                       | Wood.                           | Stone                                              | Stone                                              | Stone                                                      | Stone                                              | Stone                                           | Stone                                      | Stone                   | Stone                                         | Stone                                         | Stone                            | Stone                           | Earth and wood,             | Stone                                                           | Stone                          |
| Wood                                          | Double stone arch, Stone                         | Stone                                          | Stone                                              | Double stone and {                                     | ñ                               | Stone                                              | Stone                                              | Stone                                                      | Stone                                              | Stone (double) .                                | Stone (double) .                           | Double stone arch,      | Stone                                         | Stone arch                                    | Double stone arch,               | Stone arch                      | Wood                        | Stone arch                                                      | Stone areh                     |
| 33                                            | 260                                              | 58                                             | 55<br>55<br>1                                      | 301 & 95 each.                                         | 50                              | 20                                                 | 00                                                 | 50                                                         | 50                                                 | 43.85                                           | 40                                         | 50                      | 50                                            | 50                                            | 40                               | 40                              | 60                          | 40                                                              | ēŀ                             |
| <b>0.</b> 5                                   | 7.0 & 8.0                                        | 3.0                                            | 3.75                                               | cach 7.0                                               | 5.0                             | 2.0                                                | 1.5                                                | 2.5                                                        | 3.0                                                | 4.92                                            | 5.92                                       | each 9.5                | 5.0                                           | 10.0                                          | each 5.0                         | 4.0                             | 2.5                         | 4.0                                                             | 6.0                            |
| $\tilde{D}_{*}0$                              | each 10.0 7.0 & 8.0                              | 2.67                                           | 2.75                                               | each 8.0                                               | 19.5                            | 3.0                                                | 3.0                                                | 2.0                                                        | 2.0                                                | 4.5                                             | 5.5                                        | each 6.75               | 4.0                                           | 15.0                                          | each 8.0                         | 5.0                             | 2.5                         | 5.0                                                             | 14.0                           |
| Gardner street, near Cow island, West Roxbury | *Green street, at Brookside avenue, West Roxbury | Harvard avenue, near Washburn street, Brighton | Harvard avenue, south of Washburn street, Brighton | *IIyde Park avenue and Washington street, West Roxbury | *Hyde Park avenue, West Roxbury | La Grange street, corner of Pleasant, West Roxbury | La Grange street, north-east of Weld, West Roxbury | La Grange street, opp. Mt. Benedict cometery, West Roxbury | La Grange street, south-east of Weld, West Roxbury | Lake street, opposite Chandler's pond, Brighton | Lake street, south of Washington, Brighton | Mill street, Dorchester | Morton street, near Austin farm, West Roxbury | *Morton street, near Washington, West Roxbury | *Mount Hope street, West Roxbury | Mount Hope street, West Roxbury | Neponset avenue, Dorchester | Neponset avenue, 500 feet from Hyde Park avenue, West Roxbury . | *Neponset avenue, West Roxbury |

# STREET DEPARTMENT — BRIDGE DIVISION. 153

|                                                         |                | 0                              |                  |                  |                  |                                |
|---------------------------------------------------------|----------------|--------------------------------|------------------|------------------|------------------|--------------------------------|
| LOCATION.                                               | Span.<br>Feet. | Height of<br>Opening.<br>Feet. | Length.<br>Feet. | Side-walls.      | Covering.        | Depth of<br>Covering.<br>Feet. |
| North Harvard street, near Franklin, Brighton           | 4.0            | 2.67                           | 40               | Stone            | Stone            | 3.0                            |
| Oakland street, south of Faucuil, Brighton              | 6.0            | 5.5                            | 39.5             | Stone (double) . | Stone and brick, | 1.6                            |
| Park street, west of Dorchester avenue, Dorchester      | 5.0            | 3.67                           | 50               | Stone            | Wood.            |                                |
| Park street, west of N.Y., N.H., & H. R.R., Dorchester  | 8.5            | 5.0                            | 50               | Stone            | Wood.            |                                |
| Parsons street, north of Fancuil, Brighton              | 4.0            | 4.0                            | 40               | Stone            | Stone            | 15.0                           |
| Perkins street, near Jamaica pond, West Roxbury         | 5.0            | 4.0                            | 40               | Stone arch       | Stone            | 4.0                            |
| Poplar street, 500 feet from Beech, West Roxbury        | 3.0            | 1.5                            | 110              | Stone            | Stone            | 4.5                            |
| Poplar street, Roslindale, West Roxbury                 | 0.7            | 4.0                            | 40               | Stone arch       | Stone            | 2.0                            |
| Preston street, Dorchester                              | 0.0            | 5.08                           | 40               | Wood             | Wood and earth,  | 4.3                            |
| River street and Blue Hill avenue, Dorchester           | 2.17           | 2.75                           | 140              | Stone            | Stone            | 4.67                           |
| River street, Dorchester                                | 3.25           | 2.5                            | 50               | Stone            | Stone            | 1.25                           |
| Saratoga street, East Boston                            | 5.0            | 6.0                            | 50               | Oval brick       | Brick            | 6.0                            |
| South street, at Arnold Arboretum, West Roxbury         | 4.5 & 2.0      | 3.5 & 1.5                      | 30               | Double stone     | Brick            | . 1.5 & 3.5                    |
| Spring street, near Spring-street station, West Roxbury | 2.67           | 2.67                           | 63               | Stone            | Wood.            |                                |
| Summer street, near Spring-street station, West Roxbury | ,<br>4.0       | 4.5                            | 40               | Stone            | Wood.            |                                |
| Tencan street, near Fulton, Dorchester                  | 6.25           | × 6.25                         | 40               | Wood             | Earth and wood,  | 6.5                            |

List of Culverts and Small Bridges. - Concluded.

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| *Texas street, off Tremont street                      | 14.0     | 14.0  about 8.0 | 20 | Stone                    | Wood  | 3.0 |
|--------------------------------------------------------|----------|-----------------|----|--------------------------|-------|-----|
| Walk Hill street, near Canterbury street, West Roxbury | 8.0      | 4.0             | 50 | Stone areh               | Stone | 3.0 |
| Walter street, north of Bussey park, West Roxbury      | 3.0      | 4.0             | 60 | Stone                    | Stone | 3.0 |
| Washington street, corner Beaumont avenue, Brighton    | 3.0      | 3.5             | 65 | Stone                    | Stone | 3.0 |
| *Washington street (Musk-rat Village), West Roxbury    | 0.11     | 6.0             | 40 | Stone arch               | Stone | 4.5 |
| Washington street, near Poplar street, West Roxbury    | 14.0     | 5.0             | 38 | Stone Wood               | Wood. | 3.4 |
| *Washington street, near Williams, West Roxbury        | cach 7.0 | each 7.0        | 70 | Double stone arch, Stone | Stone | 4.5 |
| Weld street, near La Grange, West Roxbury              | 2.0      | 4.0             | 30 | Stone                    | Stone | 4.0 |
| Western avenue, near North Harvard street, Brighton    | 4.0      | 3.0             | 60 | Stone                    | Stone | 4.0 |
| *Williams street, West Roxbury                         | 15.5     | 8.0             | 40 | Stone                    | Wood. |     |
| Williams street, West Roxbury                          | 5.0      | 5.0             | 50 | Wood                     | Wood. |     |
|                                                        |          |                 |    |                          |       |     |

| A4 (Supplement.) - Continued. | st of Culverts and Small Bridges built in 1891. |
|-------------------------------|-------------------------------------------------|
| ~                             | P                                               |
| plement.                      | Bridges                                         |
| dn                            | Π                                               |
| $\mathcal{S}$                 | Ja.                                             |
| $\overline{}$                 | SE                                              |
|                               |                                                 |
| ÷                             | nd                                              |
| A                             | ದ                                               |
| APPENDIX                      | Culverts                                        |
| E                             | of                                              |
| Ы                             | <u>م</u>                                        |
| 1                             | 0                                               |

| ،<br>ا دس ۲۰۰۰ ا               | 5.<br>C                                              | or.                                   | ى<br>م                               | ى<br>م                                               | ນດ<br>ເດ                                  | പലം            | 10                                 | 0                                  | • 04.<br>o                                     |                                   | 5    | 5                                      | ũ                                               | 5                                       |  |
|--------------------------------|------------------------------------------------------|---------------------------------------|--------------------------------------|------------------------------------------------------|-------------------------------------------|----------------|------------------------------------|------------------------------------|------------------------------------------------|-----------------------------------|------|----------------------------------------|-------------------------------------------------|-----------------------------------------|--|
| Depth of<br>Covering,<br>Feet. | 1.5                                                  | 2.0                                   | 2.5                                  | 1.5                                                  | 1.5                                       | 1.5            | 1.5                                | 2.0                                | 2.0                                            | 2.0                               | 2.5  | 2.5                                    | 1.5                                             | 1.2                                     |  |
| Covering.                      | Stone                                                | Stone                                 | Stone                                | Stone                                                | Stone                                     | Stone          | Stone                              | Stone                              | Stone                                          | Stone                             | Pipe | Stone                                  | Briek                                           | Stone                                   |  |
| Side-walls.                    | Stone                                                | Stone                                 | Stone                                | Stone                                                | Stone                                     | Stone          | Stone                              | Stone                              | Stone                                          | Stone                             | Pipe | Stone                                  | Stone                                           | Stone                                   |  |
| Length.<br>Feet.               | 85                                                   | 45                                    | 40                                   | 40                                                   | 60                                        | 60             | 72                                 | 40                                 | 73                                             | 40                                | 40   | 41                                     | 44                                              | 40                                      |  |
| Height of<br>Opening.<br>Feet. | 4.42                                                 | 4.42                                  | 3.42                                 | . 3.42                                               | 3.42                                      | 4.92 ~         | 5.0                                | 3.42                               | 3.92                                           | 3.92                              | 1.5  | 3.42                                   | 7.5                                             | 5.0                                     |  |
| Span.<br>Feet.                 | 5.0                                                  | 5.0                                   | 4.0                                  | 4.0                                                  | 4.0                                       | 4.5            | 51.0                               | 3.0                                | 4.0                                            | 3.5                               | 1.5  | 4.0                                    | 6.0                                             | 5.0                                     |  |
| Location.                      | DorcHESTER.<br>Blue Hill avenue, near Harvard street | Harvard street, near Blue Hill avenue | Bailey street, near Hillside terrace | Fuller street, " " " " · · · · · · · · · · · · · · · | Dorchester avenue, near Van Winkle street | ", King street | Carruth street, near Codman street | Centre street, near Seaborn street | WEST ROXBURY.<br>Sycamore and Florence streets | Allandale street, near the spring |      | Cornell street, near Washington street | BRIGHTON.<br>Hobart street, near Fanenil street | Dustin street, near North Beacon street |  |

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| Location.                                                         | Span.<br>Feet. | Ileight of<br>Opening.<br>Feet. | Length.<br>Feel. | Side-walls. | Covering. | Depth of<br>Covering.<br>Feet. |
|-------------------------------------------------------------------|----------------|---------------------------------|------------------|-------------|-----------|--------------------------------|
| Doncuestren.<br>Armandine street, 350 ft. from Washington street. | 2.0            | 2.0                             | 61.00            | Pipe        | Pipe      | 2.0                            |
| Ashmont street, 250 ft. west of Adams street                      | 3.0            | 3.3                             | 50.00            | Stone       | Stone     | 2.0                            |
| Park street, between Bournside and Upland avenues                 | 3.0            | 3,0                             | 41.00            | Stone       | Stone     | 2.0                            |
| Rill street, 165 ft. from Hancock street                          | 3.0            | 3.3                             | 40.00            | Stone       | Stone     | 2.0                            |
| Trull street, 165 ft. from IIancock street                        | 3.0            | 3.3                             | 41.00            | Stone       | Stone     | 2.0                            |
| WEST ROXBURY.<br>Call street, 200 ft. from Keyes street           | 6.0            | 4.0                             | 44.00            | Stone       | Stone     | 2.0                            |
| Hawthorn street and Sycamore street                               | 3.5            | 3.3                             | 83.00            | Stone       | Stone     | 2.0                            |
| Sycamore street, near Prospect street                             | 4.0            | 3.0                             | 200.00           | Stone       | Stone     | 2.0                            |
| BRIGHTON.<br>Commonwealth avenue, 550 ft. east of Malvern street  | 6.0            | 6.0                             | 160,00           | Stone       | Stone     | 12.5                           |
| Commonwealth avenue, 650 ft. west of Essex street                 | 0 2            | 7.0                             | 304.64           | Stone       | Stone     | 10.0                           |
|                                                                   |                |                                 |                  |             |           |                                |

List of Culverts and Small Bridges built in 1892.

| A4 (Supplement.) - Concluded. | s and Small Bridges built in 1893. |
|-------------------------------|------------------------------------|
| APPENDIX /                    | List of Culverts                   |
| APP                           | List e                             |

Depth of Covering. Feet. 2.002.003.003.504.003.503.00 5.005.00• • • • • Covering. • : Stone . . Stone . . Stone . Stone . Stone . • • • • • : • • Side-walls. . • Stone . Stone . Stone . Stone. • • • Stone . : Length. Feet. 43.4552.7041.4146.9040.8060.00 150.00240.00330.00Height of Opening. Feet. • • 3.005.331.334.333.33 pipe . . . . . . Double enlvert of 18pipe . . . . . . 24-inch double-thick • inch double-thick 24-inch double-thick 24-inch pipe . . Span. Feet. 3.00 3.003.00  $3.00 \\ 3.00$ pipe Armandine street, 500 ft. from Washington street . . . . Stockton street, 475 ft. from Washington street . . . . • WEST ROXBURY. Grove street, 100 ft. from Centre street. Forest Hills street, between Peter Parley and Washington Commonwealth avenue, between Griggs and Allston • • • • • Rockwell street, 525 ft. from Washington street . . . Commonwealth avenue, near Reedsdale street . . . South street, 300 ft. south-west from Walter street . . . . . . . . . . . . . . . . . . . . . . . . . . DORCHESTER. LOCATION. BRIGHTON. • streets streets

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| LOCATION.                                                                                               | Span.<br>Feet.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Height of<br>Opening.<br>Freet. | Length.<br>Feet. | Side-walls.       | Covering. | Depth of<br>Covering.<br>Feet. | Remarks.                                                       |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------|-------------------|-----------|--------------------------------|----------------------------------------------------------------|
| DONCHESTER.                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                  |                   |           |                                |                                                                |
| Wheatland ave., between Millet and Spencer sts }<br>Spencer st., between Wheatland ave. and Park st., } | 6.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3,33                            | 741.50           | Conerete Concrete | Concrete  | 3.00                           |                                                                |
| Millet st., between Wheatland and Talbot aves.                                                          | 4.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.50                            | 56.00            | Concrete          | Concrete  | 3.00                           | Rebuilt.                                                       |
| WEST RONBURY.                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                  |                   |           |                                |                                                                |
| Sycamore st., between Hawthorn and Ashland sts                                                          | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.00                            | 30.10            | Stone             | Stone     | 2.00                           | Rebuilt double stone<br>culvert.                               |
| BRIGHTON.                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                  |                   |           |                                |                                                                |
| Parsons street, near Faneuil street                                                                     | 6.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.75                            | 47.20            | Concrete Concrete | Concrete  | 7.50                           | Rebuilt.                                                       |
| Faneuil street, near Hobart street                                                                      | 6.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8.00                            | 45.30            | Concrete          | Briek     | 2.50                           | Rebuilt.                                                       |
| Fairbanks street, near Washington street                                                                | 5.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8.50                            | 48.72            | Concrete          | Brick .   | 2.50                           |                                                                |
| Washington street, near Fairbanks street                                                                | 5.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6.00                            | 70.00            | Stone             | Stone     | 4.33                           | Rebuilt double stone                                           |
| Commonwealth avenue, between Brighton and<br>Warren street                                              | 2.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3.17                            | 111.00           | Stone Stone       | Stone     | 11.50 $\left\{ \right.$        | Extension of old cul-<br>verts to north line<br>of the avenue. |
|                                                                                                         | A second s |                                 |                  |                   |           |                                |                                                                |

List of Culverts and Small Bridges built) in 1894.

#### APPENDIX A5.

#### Statement of Traffic on Monday, October 8, 1894, between the hours of 6 A.M. and 7 P.M.

#### NORTH BRIDGES.

| NAME OF BRIDGE. | Foot-passen-<br>gers from<br>Boston. | Foot-passen-<br>gers to Bos-<br>ton. | Teams from ·<br>Boston. | Teams to<br>Boston. | Street cars<br>from Bos-<br>ton. | Street cars to<br>Boston. |
|-----------------|--------------------------------------|--------------------------------------|-------------------------|---------------------|----------------------------------|---------------------------|
| Charles river   | 4,485                                | 4,670                                |                         |                     |                                  |                           |
| Chelsea (North) | 733                                  | 862                                  | 693                     | 737                 | 284                              | 288                       |
| Chelsea (South) | 1,799                                | 2,113                                | 1,002                   | 1,092               | 287                              | 294                       |
| Meridian street | 2,415                                | 2,260                                | 1,320                   | 1,325               | 109                              | 106                       |
| Warren          | 8,647                                | 8,210                                | 5,983                   | 5,424               | 1,146                            | 1,167                     |

#### SOUTH BRIDGES.

| Broadway       | 8,885<br>4,000<br>4,043 | 9,700<br>6,250<br>4,225 | 2,505<br>3,337 | 2,375<br>2,950 | 208 | 200 |
|----------------|-------------------------|-------------------------|----------------|----------------|-----|-----|
| Federal street |                         | 9,625<br>2,709          | 1,650<br>1,492 | 2,080<br>1,647 | 478 | 489 |

# APPENDIX A6.

# DRAW-TENDERS' REPORTS.<sup>1</sup>

Giving the Number of Vessels passing through the Drawbridges controlled by the City of Boston, during the Years 1891, 1892, 1893, and 1894.

|                  | _              | Stea        | Steamers.                               |              | x     | ailing-     | Salling-vessels. |             |       | Tugs.       | . 8   |       |       | All others. | hers. |         | -      | voia munuer or<br>Vessels. | essels. |        | Totals.                                 |
|------------------|----------------|-------------|-----------------------------------------|--------------|-------|-------------|------------------|-------------|-------|-------------|-------|-------|-------|-------------|-------|---------|--------|----------------------------|---------|--------|-----------------------------------------|
| NAME OF BRIDGE.  | 1681           | <b>7681</b> | 8681                                    | <b>F68</b> I | 1681  | <b>7681</b> | 8681             | <b>F681</b> | 1681  | <b>7681</b> | 8681  | 7681  | 1681  | <b>7681</b> | 8681  | ¥681    | 1681   | <b>7681</b>                | 8681    | F6SI   | I395.<br>Feb. I,<br>1891, to<br>Feb. I, |
| Broadway         | • <del>1</del> | 00          | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 9            | 3,325 | 3,118       | 2,959            | 2,800       | 1,374 | 1,709       | 1,840 | 1,935 | 455   | 626         | 664   | 195     | 5,158  | 5,461                      | 5,471   | 5,536  | 21,626                                  |
| Cambridge street | 01             |             |                                         | •            | 325   | 236         | 149              | ÷ 109       | 775   | 733         | 608   | 523   | 312   | 269         | 186   | 205     | 1,414  | 1,238                      | 943     | 837    | 4,432                                   |
| Charles river    | - 44           | 29          | 30                                      | 55           | 3,231 | 2,800       | 2,690            | 2,503       | 2,907 | 2,854       | 3,175 | 2,942 | 2,144 | 2,010       | 2,352 | 2,271   | 8,326  | 7,693                      | 8,247   | 7,750  | 32,016                                  |
| Chelsea (North)  | 124            | 35          | 57                                      | 66           | 186   | 212         | 898              | 1,141       | 4,109 | 2,899       | 3,422 | 3,841 | 2,503 | 1,205       | 1,697 | 1,631   | 717,7  | 4,856                      | 6,074   | 6,679  | 25,326                                  |
| Chelsea (South)  |                | 85          | 80                                      | 51           | 1,016 | 1,037       | 1,130            | 850         | 3,023 | 2,923       | 2,540 | 1,810 | 1,460 | 986         | 1,328 | 1,083   | 5,507  | 5,031                      | 5,078   | 3,794  | 19,410                                  |
| Chelsea street   | :              | •           | :                                       | 9            |       | 4           | 14               | 57          | -     | 36          | 35    | 159   | 32    | 14          | 20    | 116     | 32     | 54                         | 69      | 338    | 493                                     |
| Commercial Point |                | •           | •                                       |              | •     | •           | :                | Ţ.          | •     | •           | •     | :     | 5     | 4           |       | 1       | 12     | 4                          |         | 5      | . «                                     |
| Congress street  | 294            | 298         | 361                                     | 277          | 5,132 | 4,896       | 4,671            | 4,080       | 7,064 | 7,647       | 7,411 | 7,626 | 2,522 | 2,834       | 2,694 | 2,850 ] | 15,012 | 15,675                     | 15,137  | 14,833 | 60,657                                  |
| Dover street     | 13             | 10          | 9                                       | 9            | 2,652 | 2,557       | 2,415            | 2,355       | 1,211 | 1,505       | 1,574 | 1,557 | 425   | 544         | 618   | 111     | 4,301  | 4,616                      | 4,613   | 4,629  | 18,159                                  |
| Essex street     | *1             | 13          | 23                                      | 4            | 403   | 247         | 180              | 134         | 1,054 | 104         | 717   | 639   | 537   | 287         | 218   | 244     | 1,998  | 1,251                      | 1,138   | 1,021  | 5,408                                   |
| Federal street   | 67             | 10          | 6                                       | 9            | 3,538 | 3,295       | 3,199            | 3,017       | 1,660 | 2,044       | 2,231 | 2,261 | 690   | 646         | 703   | 816     | 5,890  | 5,995                      | 6,142   | 6,100  | 24,127                                  |

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|                               | 02   | Steamers.   | lers. |             | Sa         | Sailing-Vessels. | essels.       |       |        | Tugs.                                            | B      |                  |         | All others. | lers.   |             | To            | tal numb<br>Vessels.       | Total number of<br>Vessels. |                         | Totals.                               |
|-------------------------------|------|-------------|-------|-------------|------------|------------------|---------------|-------|--------|--------------------------------------------------|--------|------------------|---------|-------------|---------|-------------|---------------|----------------------------|-----------------------------|-------------------------|---------------------------------------|
| NAME OF BRIDGE.               | 1681 | <b>7681</b> | 8681  | <b>Ŧ681</b> | 1681       | <b>6681</b>      | 8681          | +68I  | 1681   | 868I                                             | 8681   | <del>1</del> 681 | 1681    | <b>7681</b> | 8681    | <b>F681</b> | 1681          | <b>7681</b>                | 8681                        | + 1 40 <u>4</u><br>+681 | I895.<br>I891, to<br>Feb. 1,<br>I895. |
| Granite street                |      |             |       |             | 100        | 91               | 109           | 82    | 219    | 184                                              | 237    | 220              | 37      | • 19        | 24      | 37          | 356           | 294                        | 370                         | 339                     | 1,359                                 |
| L street                      | :    |             | :     | 4           |            |                  | •             | 678   | :      |                                                  | •      | 2,754            |         |             | •       | 1,535       |               |                            | •                           | 4,971                   | 4,971                                 |
| Malden                        | ¢1   | ŝ           | ů.    | œ           | 352        | 215              | 260           | 360   | 1,267  | 979                                              | 1,107  | 1,226            | 453     | 473         | 478     | 574         | 2,074         | 1,670                      | 1,850                       | 2,168                   | 7,762                                 |
| Meridian street               | 84   | 74          | 44    | 47          | 757        | 851              | 177           | 846   | 2,521  | 3,351                                            | 3,736  | 4,030            | 1,137   | 1,432       | 1,746   | 2,088       | 4,499         | 5,708                      | 6,297                       | 7,011                   | 23,515                                |
| Mt. Washington avenue         | 89   | 70          | 61    | 87          | 4,102      | 3,923            | 3,822         | 3,432 | 4,775  | 5,094                                            | 4,741  | 4,782            | 1,824   | 2,199       | 2,089   | 2,246 ]     | 0,790         | 2,246 10,790 11,286 10,731 | 10,731                      | 10,547                  | 43,354                                |
| Neponset                      | •    | 1           | :     | :           | 167        | 193              | 131           | 105   | 237    | 198                                              | 244    | 224              |         | •           | 31      | 40          | 404           | 391                        | 406                         | 369                     | 1,570                                 |
| North Beacon street           | -    | Γ.          | -     | :           | •          | -                | •             |       | 1      | co                                               | 1      | :                | •       | •           |         |             | 1             | 4                          | ςı                          | :                       | 1-                                    |
| North Harvard street          | •    |             | :     | :           | 138        | 120              | 54            | 64    | 243    | 272                                              | 131    | 168              | 23      | 39          | 36      | 36          | 404           | 431                        | 221                         | 268                     | 1,324                                 |
| Warren                        | 47   | 17          | t-    | 63          | 3,108      | 2,796            | 2,655         | 2,081 | 1,950  | 1,940                                            | 1,983  | 2,124            | 1,757   | 1,470       | 1,520   | 1,699       | 6,862         | 6,223                      | 6,165                       | 5,967                   | 25,217                                |
| Western avenue to Cambridge   | 67   | :           | :     | C)          | 236        | 211              | 132           | 95    | 591    | 619                                              | 481    | 426              | 278     | 228         | 137     | 153         | 1,107         | 1,058                      | 750                         | 676                     | 3,591                                 |
| Watertown avenue to Watertown | •    | 1           | -     | •           | 5          | 12               | 9             | -     | 18     | 15                                               | 18     | 28               | 14      | •           | 14      | 20          | 37            | 28                         | 38                          | 55                      | 158                                   |
| Totals                        | 719  | 654         | 110   |             | 667 29,568 | 27,319           | 26,245 24,797 | 4,797 | 34,999 | 34,999 35,709 36,232 39,275 16,005 15,285 16,555 | 36,232 | 39,275           | 6,605 ] | 5,285 1     | 6,555 1 | 19,151      | 81,891 78,967 | 18,967                     | 79,742                      | 83,890                  | 324,490                               |

Draw-Tenders' Reports. - Concluded.

#### APPENDIX B.

#### REPORT OF DEPUTY SUPERINTENDENT OF PAVING DIVISION.

#### OFFICE PAVING DIVISION,

ROOM 41, CITY HALL, BOSTON, February 1, 1895.

B. T. WHEELER, Superintendent of Streets:

DEAR SIR: The following report is submitted, showing the expenditures of this division from February 1, 1894, to January 31, 1895, the nature of the work, the number and variety of permits issued, and the details of expenditures involved in paving, macadamizing, and regulating the various streets.

The following list shows the total yearly expenditures of the Paving Division, according to the report of the Superintendent of Streets, for the last thirty-nine years, the expenditures being from January 1 to December 31, inclusive, of each year, except of 1891, that year extending to January 31, 1892, making a period of thirteen months, the years after extending from Februarv 1 to January 31:

| 1856 |   |   |   | 0100 450 40 ·  | 1877  |   |   |   | 01 077 475 01        |
|------|---|---|---|----------------|-------|---|---|---|----------------------|
|      |   | • |   | \$192,458 48   |       |   | • |   | 1,077,475 81         |
| 1857 |   |   |   | 201,528 49     | 1878  |   |   |   | 644,821 76           |
| 1858 |   |   |   | 187,160 92     | 1879  |   |   |   | 727,340 05           |
| 1859 |   |   |   | 186,295 77     | 1880  |   |   |   | 1,015,063 06         |
| 1860 |   |   |   | 197,170 63     | 1881  |   |   |   | 966,366 49           |
|      |   |   |   | '              |       |   |   |   | '                    |
| 1861 | • |   | • | 176,978 76     | 1882  | • | • | • | 1,088,551 14         |
| 1862 |   |   |   | 175,981 $68$   | 1883  |   |   |   | $934,\!656$ $58$     |
| 1863 |   |   |   | 151,130 27     | 1884  |   |   |   | 1,310,172 16         |
| 1864 |   |   |   | 156,959 65     | 1885  |   |   |   | 1,018,693 39         |
| 1865 |   |   |   | 173,258 13     | 1886  |   |   |   | 1,170,863 01         |
| 1866 |   |   |   | 244,953 55     | 1887  |   |   |   | 1,260,530 03         |
|      |   |   |   | ,              |       |   |   |   |                      |
| 1867 |   |   | • | $283,\!641$ 56 | 1888  | • | • |   | $1,\!043,\!475$ $52$ |
| 1868 |   |   |   | 407,053 89     | 1889  |   |   |   | 1,051,460 18         |
| 1869 |   |   |   | 667,817 90     | 1890  |   |   |   | 1,061,722 40         |
| 1870 |   |   |   | 804,384 89     | 1891  |   |   |   | 1,991,524 28         |
| 1871 |   |   |   | 923,312 $37$   | 1892  |   |   |   | 1,972,857 88         |
| 1872 |   |   |   | 1,010,508 48   | 1893  |   |   |   | 1,552,913 17         |
| 1873 |   |   |   | 931.019 01     | 1894  |   |   |   | 1,642,491 48         |
|      |   |   |   | / -            | 1004  | • | • | • | 1,042,401 40         |
| 1874 | • | • | • | 1,683,848 $67$ |       |   |   |   |                      |
| 1875 |   |   |   | 1,062,408 $55$ | Total |   |   |   | \$32,329,591 46      |
| 1876 |   |   |   | 980,741 42     |       |   |   |   |                      |

#### STREET NUMBERING.

Numbers have been assigned to the estates in the different districts as follows:

| City Proper . |     |   |   | 7 streets and parts of 47 streets   |
|---------------|-----|---|---|-------------------------------------|
| South Boston  |     |   |   | 1 street and parts of 20 steeets    |
| East Boston . |     |   |   | 1 street and parts of 17 streets    |
| Roxbury .     |     |   |   | 5 streets and parts of 47 streets   |
| West Roxbury  |     | • | • | 4 streets and parts of 38 streets   |
| Brighton .    | . · |   |   | 1 street and parts of 20 streets    |
| Dorchester .  |     |   | • | 15 streets and parts of 53 streets  |
| Charlestown . |     |   |   | parts of 14 streets                 |
|               |     |   |   |                                     |
| Totals .      |     |   |   | 34 streets and parts of 256 streets |

#### PERMITS.

Permits have been issued to make openings in the streets of the eity between February 1, 1894, and January 31, 1895, as follows:

| Company.                       |         |     |   | Permit.   | Feet.       |
|--------------------------------|---------|-----|---|-----------|-------------|
| American Telegraph Co.         |         |     |   | 1         | 4           |
| Boston Electric Light Co.      |         |     |   | 479       | 30,543      |
| Boston Gas Light Co.           |         |     |   | 645       | 23,817      |
| Boston Water Dept. (Eastern    | Divisio | n). |   | 4,111     | 113,675     |
| Boston Water Dept. (Mystic     |         |     |   | 142       | 3,649       |
| Brookline Gas Light Co.        |         |     |   | 5,521     | 423,599     |
| Boston Transit Co.             |         |     |   | 37        | 588         |
| Boston & Maine R.R. Co.        |         |     |   | 15        | 2,286       |
| Boston, Revere Beach, & Lyn    | n R.R.  |     |   | 1         | 60          |
| Barber Asphalt Co.             |         |     |   | 16        | 1,320       |
| Charlestown Gas and Electric   | e Light | Co. |   | 58        | 1,698       |
| Dorchester Gas Light Co.       |         |     |   | 486       | 14,510      |
| Edison Electric Illuminating ( | Co      |     |   | 399       | 18,941      |
| East Boston Gas Light Co.      |         |     |   | 248       | 8,311       |
| Fire Alarm Department.         |         |     |   | 102       | 3,021       |
| Jamaica Plain Gas Co.          |         |     |   | 335       | 24,464      |
| Lamp Department                |         |     |   | 10        | 143         |
| Lynn & Boston R.R. Co.         |         |     |   | 14        | 1,125       |
| Metropolitan Construction Co   |         |     |   | 14        | 4,325       |
| Metropolitan Sewerage Comm     |         |     |   | 3         | 3,600       |
| N.E. Telephone and Telegrap    |         |     |   | $1,\!426$ | 59,536      |
| Norfolk Suburban R.R. Co.      |         |     |   | 211       | 2,040       |
| N.Y., N.H., & H. R.R. Co.      |         |     |   | 5         | 58          |
| N.Y. & N.E. R.R. Co            |         |     |   | 8         | 281         |
| Postal Telegraph Cable Co.     |         |     |   | 40        | 6,763       |
| Park Department                |         |     |   | 15        | 14,263      |
| Police Department.             |         |     |   | 6         | 63          |
| Quincy & Boston Street R.R.    | Co      |     |   | 17        | 364         |
| Quincy Market Cold Storage     |         |     |   | 2         | 200         |
| Roxbury Gas Light Co           |         |     |   | 376       | 14,655      |
| Sewer Division                 |         |     |   | 158       | 35,090      |
| South Boston Gas Light Co.     |         |     |   | 294       | 6,839       |
| Standard Oil Co.               |         | •   | • | 18        | 246         |
| United States Government       |         |     |   | 1         | 600         |
| Union Freight Railway Co.      |         |     |   | 1         | 150         |
| West End Street Railway Co     |         |     |   | 1,107     | $153,\!215$ |
| •                              |         |     |   |           |             |

| Company.        |        |     |     |   |   |   | Permit. | Feet.  |
|-----------------|--------|-----|-----|---|---|---|---------|--------|
| Western Union ' | Felegr | aph | Co. |   |   |   | 154     | 770    |
| Miscellaneous   |        | •   | •   | • | • | • | 2,076   | 75,497 |

Total openings, 18,552, aggregating 1,050,309 feet, or 198.8 miles.

In addition to the foregoing there have been issued ninety-nine (99) emergency permits to the various departments and corporations. On these permits 2,576 openings were made, at an average of about six feet each.

Permits other than for opening streets have been issued as follows:

| Advertising by man wearing hat and coat lettered .  | 26         |
|-----------------------------------------------------|------------|
| Cleaning snow from roofs                            | 124        |
| Driving cattle                                      | 16         |
| Distributing sand                                   | 56         |
| Feeding or baiting horses on the streets            | $1,\!055$  |
| Erecting, repairing, and removing awnings .         | 4,264      |
| Erecting and repairing buildings                    | 6,816      |
| Moving buildings                                    | 53         |
| Occupying sidewalks for loading and unloading goods | 35         |
| Pedlers (four different classes)                    | 877        |
| Raising and lowering safes, machinery, etc          | 560        |
| Special for various purposes                        | 354        |
| Watering carts                                      | 140        |
|                                                     |            |
| Making a total of                                   | 14,376     |
|                                                     |            |
| Or a grand total of                                 | $32,\!928$ |

There have been 12,070 notices sent to the various foremen, to repair defects in the streets, which have been reported by the police, or from other sources; also 1,934 to private parties, to repair work which had been improperly done by them, where they have received permits to open the streets, and to owners of estates where there are coal-holes or Hyatt lights.

In accordance with section 8, chapter 36, Revised Ordinances of 1892, 1,653 notices have been sent to the foremen of the several districts, directing them to make necessary repairs where parties making openings have neglected to attend to them within a specified time, after being notified to do so.

Three hundred and eighty-nine notices have been sent to departments, corporations, and abutters, regarding proposed street improvements during the year. There have been 307 new bonds filed during the year; also 591 applications referred to the Police Department, asking for information regarding locations where persons have asked for permits to sell fruit, etc., from windows, bulkheads, and areas, and the granting or refusal has generally been governed by the recommendations received. The same course has been pursued in cases of individuals desiring to occupy sidewalks for more than ten minutes to load or unload goods.

|                      |                          |                                                                            | -                    |
|----------------------|--------------------------|----------------------------------------------------------------------------|----------------------|
| DATE.                | - Street.                | Location.                                                                  | Length,<br>Lin. ft.  |
|                      | -                        |                                                                            | 1.111. 11.           |
|                      |                          |                                                                            |                      |
| Mar. 30,             | Newbury st               | (Formerly West Newbury st.) from                                           |                      |
|                      | 1.0                      | Charlesgate, west, to Brookline ave.                                       | 1,258.21             |
| April 6,             | Wilkes st                | (Formerly Wells pl.) from Washing-                                         | 1,200.41             |
| 1 /                  |                          | ton st. to Bradford st                                                     | 247.19               |
| April 21,            | Franklin st              | Footway under the tracks of the B. &                                       |                      |
|                      |                          | A. R.R. Company.                                                           |                      |
| April 30,            | Buena Vista st           | (Formerly Buena Vista ave.) from                                           |                      |
|                      |                          | Walnut ave. to Warren st                                                   | 460.43               |
| May 8,               | Lyndhurst st             | From Washington st. to Allston st                                          | 1,237.39             |
| May 8,               | Bellflower st            | From Dorchester ave. to Boston st                                          | 670.07               |
| June 9,              | Varney st                | (Formerly Yale st.) from Wenham                                            |                      |
| Tune 10              | A                        | st. to Wachusett st.                                                       | 279.26               |
| June 12,<br>June 12, | Arundel st               | From Beacon st. to Mountfort st                                            | 255.77               |
| June 12, June 12,    | Mountfort st<br>Ivy st   | From Ivy st. to Audubon road                                               | $428 \ 06 \\ 777.47$ |
| June 22,             | Algonquin st             | From St. Mary's st. to Mountfort st.,<br>From Harvard st. to Washington st | 929.94               |
| June 22,             | Bradlee st               | From School st. to Washington st                                           | 756.01               |
| June 22,             | Plymouth st              | From Longwood ave. to Bernier st                                           | 396.50               |
| July 26,             | Mishawum st              | (Formerly Ham's court) from Main st.                                       | 000.00               |
| J = 29               |                          | to Rutherford ave.                                                         | 304.31               |
| July 26,             | Rice st                  | (Formerly Wood st.) from Walnut                                            |                      |
|                      |                          | st. to Taylor st.                                                          | 143.00               |
| July 26,             | Victor st                | (Formerly Granville pl.) from Brook                                        |                      |
|                      |                          | ave. to Dean st.                                                           |                      |
| Aug. 10,             |                          | (Formerly Atwood ave.) from Day st.                                        | 553.84               |
| Aug. 10,             | Batchelder st            | From Marshfield st. to Pontine st                                          | 167.82               |
| Aug. 10,             | Glenway st               | (Formerly Glen road) from Glen ave.                                        | 1 000 54             |
| Sept. 14,            | Norway st                | to Harvard st<br>(Formerly Caledonia st.) from Fal-                        | 1,338.54             |
| осри. 14,            | 1101 way St              | mouth st. to Massachusetts ave                                             | 582.92               |
| Sept. 14,            | St. Germain st           | (Formerly Cromwell st.) from Mas-                                          | 002.02               |
|                      | So Gorman Su             | sachusetts ave. to Dalton st                                               | 722.33               |
| Sept. 14,            | Temple st                | From Mt. Vernon st. to Baker st                                            | 959.97               |
| Sept. 22,            | Arklow st                | From Walden st. to Gay Head st                                             | 173.00               |
| Oct. 4,              | Boylston st              | From Back Bay Fens to Brookline ave.                                       | 2,094.00             |
| Oct. 4,              | Cunard st                | From Tremont st. to Cabot st                                               | 172.07               |
| Oct. 4,              | Kenwood st               | From Washington st. to Allston st                                          | 1,275.31             |
| Oct. 4,              |                          | From Dorchester ave. to Shelton st                                         | 1,008.50             |
| Oct. 12,             |                          | From Pond st. to Woodland road                                             | 834.61               |
| Oct. $12$ ,          | Woodland road            | From Moss Hill road                                                        | 472.17               |
| Oct. 16,<br>Oct. 16, | McLellan st              | From Erie st. to White st                                                  | 765.48               |
| Oct. 16,<br>Oct. 20, | Sydney st<br>Sherborn st | From Harbor View st. to Crescent ave.                                      | 834.47               |
| 000. 20,             | Sherborn st              | From Commonwealth ave. to Charles                                          | 472.71               |
| Oct. 20,             | Burbank st               | river                                                                      | Ŧ12.11               |
| 20,                  | 2 at 0 with 00           | Buckingham st                                                              | 269.02               |
| Nov. 5,              | Wren st                  | From Rutledge st. to Oriole st                                             | 1,247.88             |
| Nov. 16,             | Turner st                | From Haviland st. to Astor st                                              | 731.70               |
| Nov. 16,             | Montello st              | (Formerly Grace ave.) from Robin-                                          |                      |
|                      |                          | son st. to Arcadia st                                                      | 352  94              |
| Dec. 14,             | Fairbury st              | From Blue Hill ave. to Rand st                                             | 308.72               |
| Dec. 12,             | Kenmore st               | From Commonwealth ave. to New-                                             |                      |
|                      |                          | bury st                                                                    | 211.00               |
|                      |                          | Carried forward                                                            | 23 692 61            |
|                      | -                        | <i>Carried Jorwara</i>                                                     | 20,002.01            |

Streets Laid Out or Extended.

| Date.    | Street.         | Location.                                                  | Length,<br>Lin. ft. |
|----------|-----------------|------------------------------------------------------------|---------------------|
|          |                 |                                                            |                     |
|          |                 | Brought forward                                            | 23,692.61           |
| Dec. 14, | Ridgemont st    |                                                            |                     |
|          |                 | ston Heights to West Eleanor st                            | 891.48              |
|          | Eleanor st      |                                                            | 155.61              |
| Dec. 14, | Bicknell st     | (Formerly Bicknell ave.) from Har-<br>vard st. to White st | 833.71              |
| 1895.    |                 |                                                            |                     |
| Jan. 4,  | Columbus ave    | From Northampton st. to Franklin<br>park                   | 5,750.00            |
| Jan. 5,  | Commonw'th ave. | From Chestnut Hill ave. to Newton                          |                     |
|          |                 | boundary line                                              | 1,336.00            |
|          |                 | Extensions total                                           | 32,659.41           |
|          |                 | Discontinued total                                         | 1,208.61            |
|          |                 | Total<br>Or 5.956 miles.                                   | 31,450.80           |
|          |                 |                                                            |                     |

Streets Laid Out or Extended. - Concluded.

#### Streets Widened and Relocated.

| DATE.     | Street.                 | Location.                               | Sq. ft.   |
|-----------|-------------------------|-----------------------------------------|-----------|
| April 11, | Parker st               | From Westland ave. to Huntington        | 16,092    |
| April 19  | Congress st             | ave                                     | 241       |
|           | Franklin st             | Between Cambridge st. and Lincoln st.   | 4,080     |
|           | Bunker Hill             | Between Vine st. and Moulton st         | 5,008     |
|           | Ruggles st              | South-westerly side between Auburn      | 0,000     |
| Aug. 10,  | nuggies st              | st. and Westminster st.                 | 198       |
| Sont 8    | Saratoga st             | Between Bennington st. and the Bos-     | 100       |
| Sept. 0,  | Salatoga st             | ton, Revere Beach, and Lynn Rail-       |           |
|           |                         | road                                    | 7,934     |
| Oet. 3.   | Salem st                | Near, and north of Parmenter st         | 75        |
| Oct. 4,   |                         | South-westerly side between Tremont     | 10        |
| ост. т,   | Ounard St               | st. and Berlin st.                      | 4,032     |
| Oct. 20.  | Harvard ave             | From Commonwealth ave. to the           | 1,002     |
| 0000 20,  | mar and around          | Brookline boundary line                 | 10,568    |
| Nov. 2.   | Boylston st             | Easterly side, junc'on of Lamartine st. | 1,262     |
| Nov. 5,   |                         | From Washington st., Roxbury, to        | -,        |
| 1.011 0,  | inter interest interest | River st., Dorchester                   | 696,213   |
| Nov. 5.   | South st                | Southerly side at and near Poplar st.   | 266       |
| Nov. 16,  |                         | At and near Rand st.                    | 41        |
| Dec. 5,   |                         | From Blue Hill ave. to Walnut ave.      | 83,502    |
|           |                         | Between Harvard ave. and Charles        |           |
| ,         |                         | river                                   | 3,601     |
|           |                         |                                         | ,         |
| 1895.     |                         |                                         |           |
| Jan. 5.   | Huntington ave          | From Copley sq. to Brookline bonn-      |           |
| ,         | 0                       | dary line                               | 192,216   |
|           |                         |                                         | 1,025,329 |

| DATE.                                                                     | Street.                                           | Location.                                                                                                                                                                                                                | Lin. ft.                               | Sq. ft.                                   |
|---------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|
| * ·                                                                       | Congress sq.<br>Revere st                         | of R. Worthington                                                                                                                                                                                                        |                                        | 295                                       |
| Oct. 3,                                                                   | 1.                                                | Part near and north of Parmen-<br>ter st. adjoining estate of<br>Mark Lewis and Meyer Ber-                                                                                                                               | 74.80                                  | 2,195                                     |
| 1895.                                                                     |                                                   | man.                                                                                                                                                                                                                     |                                        | 3                                         |
| Jan. 4,<br>Jan. 4,<br>Jan. 4,<br>Jan. 4,<br>Jan. 4,<br>Jan. 4,<br>Jan. 5, | Cary st<br>Terry st<br>Riverside st.<br>Chapel st | From Terry st. to Culvert st<br>Part of, near Columbus ave<br>Part of, near Columbus ave<br>Part of, near Sarsfield st<br>Building line established on the<br>southerly side from Arlington<br>st. to Massachusetts ave. | 503.65<br>542.84<br>39.30<br>48.02<br> | 15,110<br>21,714<br>1,084<br>1,585<br>580 |
|                                                                           |                                                   |                                                                                                                                                                                                                          | 1,208.61                               | 42,566                                    |

Streets Discontinued.

The records of the Street Commissioners for the year 1894 show the following results :

| Streets laid out or extended  |    |         |       | 32,   | 659.41 lin. ft. |
|-------------------------------|----|---------|-------|-------|-----------------|
| Streets widened and relocated |    |         |       | 1,0   | 25,329 sq. ft.  |
| Streets discontinued          | 42 | ,566 sq | . ft. | or 1, | 208.61 lin. ft. |
| Increase in mileage           |    | •       | •     | •     | 5.956 miles.    |

#### FINANCIAL STATEMENT.

| Appropriation for 1894–95<br>Amount collected by City Collector for repair<br>made by Paving Division for different com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | . \$800,000 0<br>rs                                               | 0 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---|
| panies, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | . 7,702 3                                                         | 0 |
| Amount of expenditures from February 1, 1894, to January 31,<br>1895.\$715,608 6Transferred to Central Office1,000 0Transferred to Bridge Division5,787 2Transferred to Sanitary Division1,959 0Transferred to Street-Cle an in g<br>Division21,240 4Transferred to Sewer Division1,638 6Transferred to New Lunatic Hospital18,000 0Transferred to New Lunatic Hospital18,000 0Transferred to New Buildings, Long<br>Island10,000 0Transferred to Police Station House<br>No. 13, land and addition to1,371 9Transferred to Primary School-<br>House, Oak Square, etc.218 4Transferred to Primary School-<br>House, Emerson District100 0 | 20<br>21<br>22<br>44<br>36<br>00<br>00<br>7<br>28<br>40<br>00<br> | 0 |
| Total expenditures from regular appropriation<br>Total expenditures from street-watering appro-<br>priation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | . 87,169 0                                                        | 8 |
| Grand total (regular and special) .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | . \$1,642,491 4                                                   | _ |

#### INCOME.

Statement showing the amount of bills deposited with the City Collector from February 1, 1894, to February 1, 1895, on account of the Paving Division:

| Sidewalk construction assessments (L | aw | of 189 | 2), | \$1,359 35  |
|--------------------------------------|----|--------|-----|-------------|
| Edgestone and sidewalk assessmen     | ts | (Law   | of  |             |
| 1893)                                |    | •      |     | 6,998 07    |
| Repairs of streets (Rev. Ord. 1892)  |    |        |     | 2,112 52    |
| Old paving blocks                    |    |        |     | 5,429 45    |
| Rent of part of Fort Hill Wharf      |    |        |     | 500 00      |
| Miscellaneous                        |    |        |     |             |
|                                      | ·  |        | •   |             |
|                                      |    |        |     | \$17,268 41 |
|                                      |    |        |     | φ11,200 TI  |

The amount paid into the city treasury during the year on account of the Paving Division is as follows:

| Sidewalk construction assessments (Law Edgestone and sidewalk assessments |   |   | \$32,334 14 |
|---------------------------------------------------------------------------|---|---|-------------|
| 1893)                                                                     |   |   | 15,546 89   |
| Repairs of streets (Rev. Ord. 1892) .                                     |   |   | 3,600 50    |
| Rent of part of Fort Hill Wharf                                           |   |   | 500 00      |
| Miscellaneous                                                             | • | • | 854 57      |
|                                                                           |   |   | \$52,836 10 |
| In addition to the above amount, there come from street-watering of       |   |   | \$906 77    |

|                                                                                                                                                                                                                                        |                                                                                                                                            |                                                                                                                                     | 1894, to January 31, 1895.                                                                                                                              | January 31, 18                                | 1, 1895.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |                                                                                                                                                                                                                                    |                                                                                                                     |                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Districts.                                                                                                                                                                                                                             | Repuirs.                                                                                                                                   | Snow.                                                                                                                               | Edgestones,<br>Sidewalks,<br>and Crossings, 1                                                                                                           | Fences and<br>Plank-walks.                    | Fences and<br>Plank-walks, Miscellaneous.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8.<br>Executions<br>of Court. | C.<br>In Excess of<br>Special<br>Appropriation                                                                                                                                                                                     | D.<br>New Work.                                                                                                     | Total.                                                                                                                                         |
| <ol> <li>South Boston.</li> <li>East Boston.</li> <li>Charlestown</li> <li>Brighton</li> <li>West Roxbury.</li> <li>Oprehester</li> <li>Dorchester</li> <li>A. Durchester</li> <li>S. 9, 10. City proper.</li> <li>Roxbury.</li> </ol> | $\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $ | \$7, 367 47<br>\$7, 367 47<br>\$, 453 08<br>6, 199 51<br>5, 524 99<br>5, 940 98<br>9, 789 88<br>6, 248 42<br>9, 784 60<br>3, 069 88 | (6,99755)<br>(6,19135)<br>(4,41147)<br>(1,32663)<br>(1,50604)<br>(4,6426)<br>(1,64273)<br>(1,64273)<br>(1,64273)<br>(1,6426)<br>(27,15666]<br>(4,04869) | (1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, | 719 10<br>717 80<br>,423 22<br>,923 92<br>,033 92<br>,032 83<br>,032 80<br>,032 80<br>,033 80<br>,034 80<br>,034 80<br>,035 80 |                               | \$284 35       \$284 35         7,967 43       7,967 43         7,967 43       7,967 43         7,967 43       7,944 40         7,57 70       9,794 01         \$53,438 50       \$14,186 65         \$53,438 50       \$14,186 65 | $\begin{array}{c} \$2\$4 \ 35 \\ 7,967 \ 43 \\ 11,34\$ \ 63 \\ 755 \ 70 \\ 2,794 \ 01 \\ 2,044 \ 42 \\ \end{array}$ | \$41,034 40<br>22,693 83<br>26,751 21<br>66,752 35<br>58,150 26<br>102,150 46<br>95,239 42<br>95,239 42<br>95,239 42<br>32,438 50<br>14,186 65 |
| Totals                                                                                                                                                                                                                                 | \$459,468 08 \$78,381 71 \$67,969 33 \$14,795 41 \$53,438 50 \$14,186 65 \$23,150 12 \$4,218 82                                            | \$78,381 71                                                                                                                         | \$67,969 33                                                                                                                                             | \$14,795 41                                   | \$53,438 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$14,186 65                   | \$23,150 12                                                                                                                                                                                                                        | \$4,218 82                                                                                                          | \$715,608 62                                                                                                                                   |

Table showing Expenses paid from the Regular Appropriation, classified by Districts, from February 1,

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See Schedule B for items. See Schedule B for items. This schedule B for items. Appropriations. This schedule shows streets where the repairs have exceeded \$2,000; for items, see Schedule D. -1 1 1 1 1 1

#### SCHEDULE A.

#### EXPENDITURES. (DETAILS.)

#### Salary of Charles R. Cutter, Deputy Superintendent

| of Streets, February 1, 1894, to D   | ecem   | ber 9, | 1894 | Ł, |           |    |
|--------------------------------------|--------|--------|------|----|-----------|----|
| and from January 13, 1895, to J      |        |        |      | 5, | \$3,147   | 88 |
| Salaries of office clerks            |        |        |      |    | 9,487     | 53 |
| Salaries of permit office clerks     |        |        |      |    | 3,761     | 47 |
| Advertising in and subscribing for   |        |        | 's   |    | 341       | 95 |
| Horses, carts, and harnesses (new)   |        | •      |      |    | $6,\!133$ | 33 |
| Printing and stationery              |        | •      |      |    | 2,576     | 12 |
| Printing and stationery (permit offi | ce)    | •      |      |    | 550       | 46 |
| Repairing stables, sheds, etc        |        | •      |      |    | 2,751     | 73 |
| Sundries                             | •      | •      |      |    | 7,776     | 35 |
| Street signs and numbering .         |        | •      |      |    | 1,189     | 68 |
| Telephones, expense of               | •      | •      |      |    | 1,552     | 49 |
| Tools, cost of keeping the same in 1 | repair | , etc. |      |    | 13,427    | 51 |
| Removal of permit office to Old Cou  | rt Ho  | ouse   | •    |    | 742       | 00 |
|                                      |        |        |      | _  |           |    |

\$53,438 50

#### SCHEDULE B.

#### EXECUTIONS OF COURT, ETC.

| Bouge, Alfred F. O. and Emilie A.,     | damage | to |            |
|----------------------------------------|--------|----|------------|
| property                               | • •    |    | \$151 44   |
| Chandler, Lucinda, personal injuries   |        |    | $126 \ 77$ |
| Cochran, Agnes L.,                     | • •    |    | 94 79      |
| Corkey, John F., Adm., "               |        |    | $150 \ 00$ |
| Cross, Michael, "                      |        |    | 76 83      |
| Donahue, Nellie E., "                  |        |    | $125 \ 00$ |
| Dowd, John, grade damages              |        |    | 857 86     |
| Dunaken, Lucinda C., personal injuries |        |    | 300 00     |
| Farrell, James,                        |        |    | 65 00      |
| Fay, Ann, damage to property .         |        |    | 400 00     |
| Finnegan, Fred. C., personal injuries  |        |    | 100 00     |
| Ford, Daniel W., "                     |        |    | 250 00     |
| Gray, Rachel B., grade damages .       |        |    | $227 \ 10$ |
| Jordan, Sarah, personal injuries .     |        |    | $526 \ 19$ |
| Keohane, Cornelius, "                  |        |    | 126 83     |
| Kelley, Henry, damage to property      |        |    | 501 44     |
| Kneeland, Frank, "                     |        |    | $462 \ 43$ |
| Lane, Mary A., Adm., personal injuries |        |    | 100 00     |
| Lane, Patrick, damage to coupé         |        |    | $152 \ 00$ |
| McDowell, Gordon, personal injuries    |        |    | $100 \ 00$ |
| McManus, Catherine A., "               |        |    | $500 \ 00$ |
| Milliken, Caroline, "                  |        |    | 170 56     |
| Murphy, Peter, "                       |        |    | 50 00      |
|                                        |        |    |            |

Carried forward,

\$5,614 24

6

| Brought forward,                        |       |       | \$5,614 24                                                                                                      |
|-----------------------------------------|-------|-------|-----------------------------------------------------------------------------------------------------------------|
| Norton, Martin, personal injuries       |       |       | 1,906 42                                                                                                        |
| Orentt, Ira A., "                       |       |       | $350 \ 00$                                                                                                      |
| Pratt, Isaac, Jr., abatement sidewalk a | ssess | sment | 2,222 78                                                                                                        |
| Purcell, James, personal injuries .     |       |       | $254\ 24$                                                                                                       |
| Quincy, W. H., damage to property       |       |       | $250 \ 00$                                                                                                      |
| Richmond, Mary L., personal injuries    |       |       | 100 00                                                                                                          |
| Russell, Mary A., "                     |       |       | $527\ 43$                                                                                                       |
| Sterling, Andrew W., "                  |       |       | $330 \ 07$                                                                                                      |
| Sweeney, Catherine, "                   |       | •     | $150 \ 00$                                                                                                      |
| Tucker, Florence E., et als., damage to | esta  | te    | 1,661 75                                                                                                        |
| Weatherbee, Marguerite, personal injun  | ries  |       | $326\ 44$                                                                                                       |
| Whalley, William, damage to coach       |       |       | $25 \ 00$                                                                                                       |
| Woodward, Joseph, damage to property    | у.    |       | $468 \ 28$                                                                                                      |
|                                         |       |       |                                                                                                                 |
|                                         |       |       | \$14,186 65                                                                                                     |
|                                         |       |       | The second se |

#### SCHEDULE C.

The following schedule shows the expenditure from the main-tenance appropriation of this division in excess of special appropriations:

| Vale street, Ward 15.<br>In excess of special appropriation              |       |        |         |     | <b>\$2</b> 84 \$ | 35  |
|--------------------------------------------------------------------------|-------|--------|---------|-----|------------------|-----|
| Commonwealth avenue, between S<br>Brighton avenue.                       | St. P | aul st | .reet : | aud |                  |     |
| In excess of special appropriation                                       |       |        |         |     | 7,967 -          | 43  |
| Blakeville street, Ward 24.<br>In excess of special appropriation        | •     |        |         |     | 569 (            | 01  |
| Bushnell street, Ward 24.<br>In excess of special appropriation          |       | ٠      |         |     | 1,363 \$         | 33  |
| Duncan street, Ward 24.<br>In excess of special appropriation            |       |        |         |     | $407^{-8}$       | 85  |
| Glenway street, Ward 24.<br>In excess of special appropriation           |       |        |         |     | 268 §            | 95  |
| Greenheys street, Ward 24.<br>In excess of special appropriation         |       |        | ·       |     | 186 (            | 90  |
| King street, Adams street to Nepo<br>In excess of special appropriation  |       |        |         |     | 4,082 -          | 1.1 |
| Lyndhurst street, Ward 24.                                               | •     | •      | •       | •   | 4,002            | 1.7 |
| In excess of special appropriation                                       |       |        |         |     | 4,026            | 30  |
| Park street, Adams street to Uplan<br>In excess of special appropriation |       |        |         |     | 443 8            | 85  |
| Thwing street, Ward 21.<br>In excess of special appropriation            |       |        |         |     | 755 3            | 70  |
| Carried forward,                                                         |       |        |         | \$  | 20,356           | 11  |

| Brought forward,<br>Albany street, at Northampton and<br>chusetts avenue.<br>In excess of special appropriation |  |  | sa- | \$20,356<br>896 |    |
|-----------------------------------------------------------------------------------------------------------------|--|--|-----|-----------------|----|
| Charles street, Cambridge to Pinck<br>In excess of special appropriation                                        |  |  |     | 64.             | 11 |
| Commonwealth avenue, between c<br>Paul street.<br>In excess of special appropriation                            |  |  |     | 120             | 00 |
| Harcourt street, Retaining-wall.<br>In excess of special appropriation                                          |  |  | •   | 1,713           | 90 |
|                                                                                                                 |  |  | 90  | \$23,150        | 12 |

#### SCHEDULE D.

#### NEW WORK.

| Stockton st  | reet,                  | Was   | hingto | on sti | reet to | Mil | ton av  | enue. |                                         |
|--------------|------------------------|-------|--------|--------|---------|-----|---------|-------|-----------------------------------------|
| Labor .      |                        |       | •      |        |         |     | \$286   |       |                                         |
| Teaming      |                        |       |        |        |         |     | 97      | 00    |                                         |
| Gravel .     |                        |       |        |        |         |     | 894     | 00    |                                         |
| Steam-roller |                        |       |        |        |         |     | 180     | 00    |                                         |
| Stone .      |                        |       |        |        |         |     | 716     | 52    |                                         |
|              |                        |       |        |        |         |     |         |       | \$2,174 40                              |
| Bay State    | road.                  | sou   | th sid | e. be  | etween  | Ra  | leigh a | nd    | n - ) - · · -                           |
| Beacon str   |                        | , sou |        | -      |         |     |         |       |                                         |
| Labor .      |                        |       |        |        |         |     | \$295   | 88    |                                         |
| Teaming      |                        |       |        |        |         |     | 226     | 00    |                                         |
| Blocks .     |                        |       |        |        |         |     | 140     | 34    |                                         |
| Steam-roller |                        |       |        |        |         |     | 90      | 00    | •                                       |
| Stone .      |                        |       |        |        |         |     | 1,292   |       |                                         |
|              |                        | ·     | ·      | -      | Ť       | ·   |         |       | 2,044 42                                |
|              |                        |       |        |        |         |     |         |       |                                         |
|              |                        |       |        |        |         |     |         |       | \$4,218 82                              |
|              |                        |       |        |        |         |     |         |       |                                         |
|              |                        |       |        |        |         |     |         |       |                                         |
|              |                        | 1     | REMO   | VAL    | OF S    | NO  | W.      |       |                                         |
| South Boston | n .                    |       |        |        |         |     |         |       | \$7,367 47                              |
| East Boston  |                        |       |        |        |         |     |         | •     | 4,453 08                                |
| Charlestown  |                        |       |        |        |         |     |         |       | $6,199\ 51$                             |
| Brighton     |                        |       |        |        |         |     |         |       | 5,524 99                                |
| West Roxbu   | $\mathbf{r}\mathbf{v}$ |       |        |        |         |     |         |       | 5,940 98                                |
| Dorchester   |                        |       |        |        |         |     |         |       | 9,789 88                                |
| TD 1         |                        |       |        |        |         |     |         |       | 6,248 42                                |
| City Proper  |                        |       |        |        |         |     |         |       | 29,787 50                               |
| Roxbury and  |                        |       |        |        |         |     |         |       | 3,069 88                                |
| j un         |                        |       |        | (      |         |     | ,       |       | , , , , , , , , , , , , , , , , , , , , |

\$78,381 71

,

. .

174

STREET-WATERING.

| South Boston | ι  |  |  |  | \$6,471  | 95 |
|--------------|----|--|--|--|----------|----|
| East Boston  |    |  |  |  | 5,411    | 95 |
| Charlestown  |    |  |  |  | 5,316    | 95 |
| Brighton     |    |  |  |  | 9,629    | 45 |
| West Roxbur  | ·v |  |  |  |          | 90 |
| Dorchester   | ·. |  |  |  |          |    |
| Roxbury      |    |  |  |  | 12,448   | 88 |
| City Proper  |    |  |  |  | 23,437   |    |
|              |    |  |  |  |          |    |
|              |    |  |  |  | \$87,169 | 08 |

#### DETAIL OF EXPENDITURES MADE UNDER SPECIAL APPROPRIATIONS.

Baker street, Ward 23, Baker place to Mt. Vernon street, grading and gravelling.

| 0       | 0      | 0       |       | <u> </u> |       |       |      |       |    |         |    |
|---------|--------|---------|-------|----------|-------|-------|------|-------|----|---------|----|
| Labor   |        |         |       |          |       |       |      |       |    | \$930   | 82 |
| Teamir  | ng:    |         |       |          |       |       |      |       |    | 522     | 00 |
| Gravel  | •      |         |       |          |       |       |      |       |    | 189     | 00 |
| Sundrie | es     |         |       |          |       |       |      |       |    | 10      | 08 |
|         |        |         |       |          |       |       |      |       |    |         |    |
|         |        |         |       |          |       |       |      |       |    | \$1.651 | 90 |
| Amoun   | t of s | specia  | l app | ropris   | ition |       | . \$ | 1,350 | 40 |         |    |
| Amoun   | t paie | d out a | of St | reet I   | mpro  | vemer | nts, |       |    |         |    |
|         |        |         |       | No. 1    |       |       | •    | 102   | 50 |         |    |
| Amoun   | t paid | louto   | of St | reet l   | mpro  | vemer | nts, |       |    |         |    |
| Ware    | 1s 23  | and 2   | 25    |          | •     |       | •    | 199   | 00 |         |    |
|         |        |         |       |          |       |       |      |       |    | \$1,651 | 90 |
|         |        |         |       |          |       |       |      |       |    |         |    |

Bellflower street, Dorchester avenue to Boston street. Filling to sub-grade.

| Labor                     |      |      |   |   |   | \$46 25    |
|---------------------------|------|------|---|---|---|------------|
| 4,075 eubic yards filling |      |      |   |   |   | 2,241 25   |
| 750 double loads filling  | •    | •    | • | • | • | $712 \ 50$ |
|                           |      |      |   | 0 |   | \$3,000 00 |
| Amount of special appro   | pria | tion |   |   |   | \$3,000 00 |

Blakeville street, Ward 24. Grading and macadamizing ; edgestones set; gutters paved; sidewalks gravelled.

| Labor .     |  |  |  |  | \$970-30   |
|-------------|--|--|--|--|------------|
| Teaming     |  |  |  |  | 400 00     |
| Gravel .    |  |  |  |  | $486 \ 75$ |
| Stone .     |  |  |  |  | 220 50     |
| Rolling .   |  |  |  |  | 60 00      |
|             |  |  |  |  | $198 \ 46$ |
| Advertising |  |  |  |  | 6 00       |
|             |  |  |  |  |            |

Carried forward,

\$2,342 01

| Brought forward,                             | \$2,342 01 |
|----------------------------------------------|------------|
| Amount of special appropriation . \$1,500 00 |            |
| Amount paid out of Street Improvements,      |            |
| Ward 24                                      |            |
| Amount paid out of Paving Division . 569 01  |            |
|                                              | \$2,342 01 |

Blue Hill avenue, Dudley street to within 80 feet of Dalmatia street, grading and reconstructing street, edgestone set, brick sidewalks laid, crosswalks paved, roadway paved with large granite blocks, catch-basins built.

| 8,146 sq. yds | s. gra | nite   | block  | pavi   | ng.   |        |        |    |           |          |
|---------------|--------|--------|--------|--------|-------|--------|--------|----|-----------|----------|
| Labor .       |        |        |        |        |       |        |        |    | \$5,944   | 61       |
| Teaming       |        |        |        |        |       |        |        |    | 4,706     | 50       |
| Gravel .      |        |        |        |        |       |        |        | -  | 5,763     | 00       |
| Sand .        |        |        |        |        |       |        |        |    | 1,225     | 80       |
| Stone .       |        |        |        |        |       |        |        |    | 540       | 75       |
| Advertising   |        |        |        |        |       |        |        |    | 35        | 63       |
| 46,000 pavin  |        |        |        |        |       |        |        |    | 575       | 00       |
| 207,035 larg  | egrai  | nite b | locks  |        |       |        |        |    | 13,866    | 92       |
| 2,664 feet of | flage  | ring   |        |        |       |        |        |    | 2,130     |          |
| 1,150 feet of | edge   | ston   | e, and | nine   | large | e cori | aers   |    | 798       |          |
| Amount p      |        |        |        |        |       |        |        |    |           |          |
| 5,811 sq. yds |        |        |        |        |       | ts. §  | 1,452  | 75 |           |          |
| 3,344 feet ed |        |        |        |        |       |        | 267    |    |           |          |
| 2,005.5 sq.   |        |        |        |        |       | at     |        |    |           |          |
| 18 cts.       |        |        |        |        |       |        | 360    | 99 |           |          |
| 295 sq.yds.   | flagg  | ing e  | rossw  | alks   | laid, | at     |        |    |           |          |
| 25 cts.       |        |        |        |        |       |        | 73     | 75 |           |          |
|               |        |        |        |        |       |        |        |    | $2,\!155$ | 01       |
| Work done k   | ov the | Sew    | er Div | vision | ı.    |        |        |    | 439       | 79       |
|               |        |        |        |        |       |        |        |    |           | <u> </u> |
|               |        |        |        |        |       |        |        |    | \$38,181  | 97       |
| Amount of s   | pecial | l app  | ropria | tion   |       | . \$2  | 25,000 | 00 |           |          |
| Amount paid   |        |        |        |        |       |        |        |    |           |          |
| Ward 20       |        |        |        |        |       |        | 8,160  | 58 |           |          |
| Amount paid   |        |        |        |        |       |        |        |    |           |          |
| Ward 21       |        |        |        |        |       |        | 5,021  | 39 |           |          |
|               |        |        |        |        |       |        |        |    | \$38,181  | 97       |
|               |        |        |        |        |       |        |        |    | -         | -        |

Bumstead lane (now St. Alphonsus street), Tremont street to Huntington avenue, grading and widening, edgestone set, brick sidewalks laid, gutters paved, heavy Telford-Macadam roadway built, crosswalks laid, catch-basins built, fences built, and retaining-walls constructed. Length, 1,173 feet; width, 40 feet.

| Gravel . |   | • | • | • | • | • | · | • | 2,878 10 |
|----------|---|---|---|---|---|---|---|---|----------|
| Teaming  | • |   |   |   | • | • | • | • | 1,788 00 |
| Labor .  | • |   |   | • | • | • | • | • |          |

Carried forward,

|                                  |          |                  |              |         |        |      |                       |      | # a       | 0.1       |
|----------------------------------|----------|------------------|--------------|---------|--------|------|-----------------------|------|-----------|-----------|
| Brough                           | it forw  | ard,             |              |         |        |      |                       |      | \$6,392   |           |
| Stone .                          | •        | •                | •            | •       | •      | •    | •                     | •    | $4,\!491$ |           |
| Stone .<br>Sand .<br>1,500 large | •        | •                | •            | •       | •      | •    | •                     | •    | 478       |           |
| 1,500 large                      | granit   | e blo            | $_{\rm cks}$ |         |        |      |                       |      | 105       |           |
| $2,123_{75}$ fee                 | t edge   | stone            | , and        | . 12 s  | mall c | orne | ers.                  |      | $1,\!424$ | 43        |
| 280.4 feet                       | of flags | ging             |              |         |        |      |                       |      | 224       | 32        |
| Retaining-                       | vall 🗋   | •                |              |         |        |      |                       |      | 50        | 00        |
| Rolling .                        |          |                  |              |         |        |      |                       |      | 190       | 00        |
| Sundries                         |          |                  |              |         |        |      |                       |      | 4         | 23        |
| Amount                           |          |                  |              |         |        |      |                       |      |           |           |
| $682\frac{1}{2}$ days'           | labor.   | at \$1           | .75          |         |        |      | \$1,194               | 37   |           |           |
| Plus 15%                         |          |                  | •••          |         | •      |      | 179                   |      |           |           |
| 1145 10 /0                       | •        | •                | ·            | •       | •      | •    | 110                   | 10   | 1,373     | 52        |
| Amount                           | naid to  | Δ                | A Li         | hhy d   | e Co   |      |                       |      | 1,010     | 02        |
| 388.1 feet o                     |          |                  |              |         |        |      | \$31                  | 05   |           |           |
| 2,218 feet 1                     |          |                  |              |         |        |      | 177                   |      |           |           |
| 769.8 sq. ye                     |          |                  |              |         |        |      | 192                   |      |           |           |
|                                  |          |                  |              |         |        |      | 152                   | 40   |           |           |
| 826 sq. yd                       |          |                  |              |         |        |      | 206                   | 50   |           |           |
| 25 cts.                          | •<br>• • | •<br>• • • • • • |              | . 11    | •      | - 4  | 206                   | 90   |           |           |
| 204.3 sq. y                      |          |                  |              |         |        |      | 0.0                   | -0   |           |           |
| 18 cts.                          | · · . ·  | · · · ·          | • ,,         | ÷ .     |        | 、•   | 36                    | 18   |           |           |
| 965.9 sq. ye                     | is. brie | k side           | ewalf        | rs laid | t (new | ),   |                       | ~ ~  |           |           |
| at 18 cts                        | ••       | •                | •            | •       | •      | •    | 173                   | 86   |           |           |
|                                  |          |                  |              |         |        |      |                       |      | 818       | 08        |
|                                  |          |                  |              |         |        |      |                       |      |           |           |
|                                  |          |                  |              |         |        |      | <b>**</b> •• <b>*</b> |      | \$15,551  | <b>50</b> |
| Amount of                        |          |                  |              |         |        |      | \$7,327               | 00   |           |           |
| Amount pa                        |          |                  |              |         |        |      |                       |      |           |           |
| Alderma                          |          |                  |              |         |        |      | $^{8,059}$            | 32   |           |           |
| Amount pa                        | id out   | of str           | eet ii       | nprov   | vemen  | ts,  |                       |      |           |           |
| Wards 1                          | 9 and 3  | 22               |              |         | •      |      | 165                   | 18   |           |           |
|                                  |          |                  |              |         |        |      |                       |      | \$15,551  | 50        |
|                                  |          |                  |              |         |        |      |                       |      |           |           |
| Bunker H                         | ill, V   | ine,             | and          | Mon     | lton : | stre | ets (w                | rork | unfinishe | d),       |

Moulton streets me, (work unnnisnea), grading.

| Talan   |  |   |   |   |   |   |   | 0141 45    |
|---------|--|---|---|---|---|---|---|------------|
| Labor   |  | - | • | • | • |   | • | \$141 45   |
| Gravel  |  |   |   |   |   |   |   | $11 \ 70$  |
| Filling |  |   |   |   |   |   |   | $219 \ 00$ |
| ~       |  |   |   |   |   |   |   |            |
|         |  |   |   |   |   | ł |   | \$372 15   |
|         |  |   |   |   |   |   |   |            |

|            |           |       |        |       |       |        |        |    | eet to Dor- |
|------------|-----------|-------|--------|-------|-------|--------|--------|----|-------------|
|            |           |       |        |       |       |        |        |    | stones set, |
| crosswal   | lks laid, | gutt  | ters p | aved, | catel | 1-basi | n buil | t. |             |
| Labor .    |           |       | •      |       |       |        |        |    | 99860       |
| Teaming    |           |       |        |       |       |        |        |    | 390 50      |
| Gravel .   |           |       |        |       |       |        |        |    | 201 30      |
| Stone .    |           |       |        |       |       |        |        |    | 331 - 50    |
| Rolling .  |           |       |        |       |       |        |        |    | 30 00       |
| 5,125 larg | e paving  | g blo | eks    |       |       |        |        |    | 358 75      |
|            |           |       |        |       |       |        |        |    |             |

Carried forward,

\$2,310 65

|                                                        | 42.910 CF       |
|--------------------------------------------------------|-----------------|
| Brought forward,                                       | \$2,310 65      |
| $157\frac{1}{12}$ feet park edgestone                  | . 408 42        |
| $88\frac{3}{12}$ feet circular edgestone               | . 80 95         |
| $29\frac{7}{12}$ feet straight edgestone               | . 19 23         |
| 604 feet flagging                                      | . 544 08        |
| our reet magging .                                     |                 |
|                                                        | - \$3,363 33    |
| Amount of special appropriation \$2,000 0              |                 |
| Amount of special appropriation . \$2,000 0            | 0               |
| Amount paid out of Paving Division . 1,363 3           |                 |
|                                                        | - \$3,363 33    |
| (In anter streat (would not stanted)                   |                 |
| Charter street (work not started).                     | ¢0.90           |
| Advertising                                            | . \$9 20        |
|                                                        |                 |
| Commonwealth avenue, construction, Beacon st           | treet to Chest- |
| nut Hill avenue.                                       |                 |
| Labor, including engineering and inspection .          | \$39,017 64     |
| Danning engineering and inspection                     | . 8,977 50      |
| Teaming                                                |                 |
| Gravel                                                 | 12,250 45       |
| Loam                                                   | . 6,846 31      |
| Gravel filling                                         | . 18,544 67     |
|                                                        | .50,962.05      |
| Stone                                                  | . 2,980 00      |
| C                                                      | . 7 50          |
|                                                        | 190 00          |
|                                                        | 76 65           |
|                                                        |                 |
| Hardware, tools, etc.                                  | . 282 56        |
| Hardware, tools, etc                                   | . 12,980 32     |
| 6,935 large granite blocks (culls)                     | . 381 85        |
| $8.780\frac{4}{12}$ feet straight edgestone            | . 5,707 26      |
|                                                        | . 279 31        |
| 29 large corners and 6 small corners                   | . 182 50        |
|                                                        | 247 45          |
| Lumber                                                 | . 95 58         |
| Advertising                                            |                 |
| Land damages                                           | $30,275\ 00$    |
| Building Inspector's shanty                            | . 228 38        |
| Sundries                                               | . 904 00        |
| Amount paid to A. McMurtry :                           |                 |
| 348 cu vds rock excavating, at \$1.75 . \$609 0        | )               |
| Grading off slopes 125 00                              | )               |
|                                                        | - 734 00        |
| Amount paid to R. A. Davis :                           |                 |
| Final payment for work done under contract in 1893     | , 661 87        |
| Amount paid to Boston Contracting Co.:                 | ,               |
| Amount paid to Boston Contracting Co.                  | •               |
| 43.509 cu. yds. gravel filling, at 41 cts., \$17,838 6 | <i>)</i>        |
| Less amount paid to laborers, 477 9:                   | 2               |
|                                                        | -               |
| \$17,360 7                                             | 7               |
| Less amount drawn on the City Treas-                   |                 |
| urer but not paid 5,633 03                             | ŏ               |
|                                                        | -11,727 72      |
|                                                        |                 |
| Carried forward,                                       | \$204,476 57    |
|                                                        |                 |

| Brought forward,                                                         | \$204,476  | 57  |
|--------------------------------------------------------------------------|------------|-----|
| Executions of Court for services rendered by laborers                    | · ·        |     |
| to the Boston Contracting Co                                             | 660        | 06  |
| Amount paid to Fidelity and Deposit Co. :                                |            |     |
| 14,166 cu. yds. gravel filling, at 41 cts                                | 5,808      | 06  |
| Amount paid to F. H. Cowin :                                             |            |     |
| Final payment for work done under contract in                            |            |     |
| 1893 \$783 83                                                            |            |     |
| 4,052 sq. yds. block paving laid, at 35 cts., 1,418 20                   |            |     |
| 6,014 feet edgestone set, at 8 cts                                       |            |     |
| Extra labor, as ordered 19 55                                            |            |     |
|                                                                          | 2,702      | 70  |
| Amount paid to H. Gore & Co.:                                            |            |     |
| 1,626 sq. yds. block paving laid, at 35 cts., \$569 10                   |            |     |
| 854 sq. yds. block paving laid, at 25 cts., 213 50                       |            |     |
| 3,205 feet edgestone set, at 8 cts $256$ 40                              |            |     |
|                                                                          | 1,039      | 00  |
| Amount paid to Leavitt, Daily, & Crockett :                              |            |     |
| Building abutments to Cottage Farm bridge, contract                      |            |     |
| price                                                                    |            |     |
| Extra work and material, relaying wall:                                  |            |     |
| $3\frac{3}{10}$ days, foreman, at \$4 13 20                              |            |     |
| 3 days, mason, at \$3.50 10 50                                           |            |     |
| $6\frac{9}{10}$ days, mason tender, at \$1.50 10 35                      |            |     |
| $3\frac{3}{10}$ days, engineer, at \$3 9 90                              |            |     |
| $3\frac{3}{10}$ days, derrick, at \$1.50 4 95                            |            |     |
| $3\frac{3}{10}$ days, engine, at \$2 6 60                                |            |     |
| 12 barrels cement, at \$1.15 13 80                                       |            | 0.0 |
| Wash Jana ba the Dillas Disister                                         | 40,219     |     |
| Work done by the Bridge Division                                         | 2,954      |     |
| Work done by the Sewer Division                                          | $46,\!400$ | 69  |
|                                                                          | 0201 200   | 0.0 |
| Amount paid out of appropriation for                                     | \$304,260  | 99  |
| Amount paid out of appropriation for<br>Commonwealth avenue \$296,173 56 |            |     |
| Amount paid ont of Paying Division 8087 42                               |            |     |
| Amount paid out of Paving Division . 8,087 43                            | \$304,260  | 0.0 |
|                                                                          | \$304,200  | 33  |
| Congress and L streets (work uncompleted).                               |            |     |
| Labor                                                                    | \$282      | 00  |
| Fence                                                                    | 276        |     |
|                                                                          |            |     |
|                                                                          | \$558      | 00  |
| Consider street W 129 ( C 11 1 1 C                                       |            |     |
| Cranston street, Ward 23 (unfinished work from 1                         | '          |     |
| Labor                                                                    | \$425      |     |
| Teaming                                                                  | 96         |     |
| Carpentering                                                             |            | 00  |
| Powder and fuse                                                          | 13         | 75  |
|                                                                          |            |     |
| ,                                                                        | \$568      | 75  |
| Amount of special appropriation                                          | \$568      | 75  |
|                                                                          |            |     |

| Dartmouth street, Bo                              | ylston to            | Newbury     | street.      | , aspl | nalted.   |          |
|---------------------------------------------------|----------------------|-------------|--------------|--------|-----------|----------|
| Labor                                             | U                    | ·           |              | •      | \$232     | 26       |
|                                                   | • •                  | • •         | •            | •      |           | 26       |
| Lumber                                            | • •                  | • •         | •            | •      |           |          |
| Paving                                            | · ·                  | • •         | · · ·        |        | 98        | 62       |
| Amount paid to J. J.<br>cu. yds., excavation,     |                      |             |              | 399    | 348       | 23       |
| Amount paid to Metr                               | opolitan             | Construe    | tion (       | 10     | 010       | 20       |
| 274.4 cu. yds., cemen                             | t concrete           | e base, at  | \$5.00       | ,      | 1,372     | 00       |
| Amount paid to Barber                             | Asphalt I            | Paving Co   | ., 1,64      | 6.3    | -,        |          |
| sq. yds. Trinidad asp                             | halt paver           | nent, at \$ | \$2.25       | •      | 3,704     | 18       |
|                                                   |                      |             |              |        | \$5,839   | 65       |
|                                                   | TT dl                |             |              | 1      | (D.16)    |          |
| Day street, Centre to                             | Heath                | street, g   | radea,       | nea    | vy leho   | ra-      |
| Macadam road built                                | , edgest             | ones set    | , side       | walks  | gravell   | ed,      |
| gutters paved, cross<br>built.                    | swalks la            | aid, fenc   | es bui       | llt,   | catch-bas | ins      |
| Labor                                             |                      |             |              |        | \$1,677   | 30       |
|                                                   |                      |             |              |        | 1,506     |          |
| Teaming<br>Gravel<br>Stone and stone screening    |                      | . • .       |              |        | 2,461     | 60       |
| Stone and stone screeni                           | nøs                  |             |              |        | 3,991     |          |
| Lumber                                            |                      |             |              |        |           |          |
| Lumber 2,958 ft. straight edgeste                 | mes 2 lar            | ve and 10   | small c      | orne   | rs. 1.967 | 40       |
| 177 7 ft airoular adgest                          |                      | ge and ro   | Shittii (    | Jorne  | 230       | 88       |
| $177\frac{7}{12}$ ft. circular edgest<br>Sundries | one .                | • •         | ·            | •      | 10        |          |
| Sundries<br>Amount paid to to T.                  | ц                    | D Paveo     | •            | •      | 10        | 10       |
| Amount paid to to 1.                              | $\Pi$ $\alpha$ $S$ . | D. 1 ayso   | 11 :<br>@000 | 1.6    |           |          |
| 3,702 ft. edgestone set,                          | at o cts.            | 1.1.1 .4    | \$288        | 10     |           |          |
| 1,458.8 sq. yds. block                            | paving               | laid, at    | 264          | 70     |           |          |
| 25 cts.                                           | • • • •              | . 10 . 4    | 364          |        |           |          |
| 56.3 sq. yds brick pavir                          |                      |             |              |        |           |          |
| 132 days labor .                                  | • •                  | • •         | 265          | 69     | 0.20      | <b>.</b> |
|                                                   |                      |             |              |        | 928       | 64       |
|                                                   |                      |             |              |        | @12.04C   | 0.0      |
|                                                   | . ,.                 | ,           | ter =        | 00     | \$12,846  | 02       |
| Amount of special appro                           | opriation            | •\ •        | \$7,500      | 00     |           |          |
| Amount paid out of Stre                           | eet Impro            | vements,    | 1 0 1 0      | 90     |           |          |
| Wards 19 and 22                                   | • •                  | • •         | 4,948        | 99     |           |          |
| Amount paid out of Stre                           |                      |             | 397          | 60     |           |          |
| Aldermanic District N                             | NO.9.                | • •         | 091          | 09     | @19 946   | 09       |
|                                                   |                      |             |              |        | \$12,846  | 02       |
| Fay street, asphalted.                            |                      |             |              |        |           |          |
| Advertising                                       |                      |             |              |        | \$7       | 00       |
| Amount paid to H. C                               | fore & Co            | <b>.</b> :  |              |        |           |          |
| 250 sq. yds. cobble pav                           | ving dug             | out and     |              |        |           |          |
| relaid, at 75 cts .                               |                      |             | \$187        | 50     |           |          |
| 529.7sq. yds. Sicilian                            | rock aspl            | alt laid.   |              |        |           |          |
| at \$2.25                                         |                      |             | 1,214        | 32     |           |          |
|                                                   |                      | _           |              |        | \$1,401   | 82       |
|                                                   |                      |             |              |        | · · · ·   |          |
|                                                   |                      |             |              |        | \$1,408   | 82       |
| Amount of special appro                           | opriation            |             |              |        | \$1,408   |          |
| T T                                               | •                    |             |              |        | March 1   | -        |

| Lewis-street extension, graded, paved blocks, edgestones set, brick sidewalks l | with<br>aid. | large      | gran | ite |
|---------------------------------------------------------------------------------|--------------|------------|------|-----|
| Labor                                                                           |              | . 9        | 3417 | 85  |
| Teaming                                                                         |              |            | 367  | 00  |
| Gravel                                                                          |              |            | 111  | 34  |
| 464 ft. straight edgestone                                                      |              |            | 301  | 60  |
| 75.8 ft. flagging                                                               |              |            | 60   |     |
| 10,520 large granite blocks                                                     |              |            | 701  | -   |
| 1,000 paving brick                                                              |              |            | 13   |     |
| Amount paid to P. W. Hernan :                                                   |              |            |      |     |
| 658.4 sq. yds. block paving, at 25 cts.                                         | \$164 (      | 60         |      |     |
| 448 ft. edgestone set, at 8 cts                                                 | 35 (         | 84         |      |     |
| 112.6 sq. yds. brick paving laid, at 18 ets.,                                   | 20           |            |      |     |
| 45 sq. yds. flagging crosswalks laid, at                                        |              |            |      |     |
| 25 cts.                                                                         | 11           | 25         |      |     |
| _                                                                               |              |            | 231  | 97  |
| Work done by the Sewer Division                                                 |              |            | 114  | 21  |
|                                                                                 |              | ·          |      |     |
|                                                                                 |              | \$2.       | ,319 | 29  |
| Amount paid out of appropriation for                                            |              | φ <b>-</b> | ,    |     |
| Lewis street                                                                    | ,834         | 79         |      |     |
| Amount paid out of Street Improve-                                              | ,            | • •        |      |     |
|                                                                                 | 484          | 50         |      |     |
|                                                                                 |              |            | 319  | 29  |
|                                                                                 |              |            |      |     |
| Mill street, Ward 24, Houghton street to ra                                     | ilroad       |            |      |     |
| Labor                                                                           |              | •          | 336  | 65  |
| Teaming                                                                         | •            |            | 126  |     |
| Gravel                                                                          | •            |            | 272  |     |
| Stone                                                                           |              | . 1,       | 620  | 50  |
| Rolling                                                                         | •            |            | 80   |     |
| Work done by the Sewer division                                                 |              | •          | 131  | 10  |
|                                                                                 |              | \$2        | 567  | 00  |
| Amount of special appropriation \$2                                             | ,000 (       |            | 001  | 00  |
| Amount paid out of Street Improve-                                              | ,000         | 00         |      |     |
|                                                                                 | 567 (        | 00         |      |     |
|                                                                                 |              |            | 567  | 00  |
|                                                                                 |              | \\\\-\\    | 001  |     |
| Millett street, Ward 24, culvert.                                               |              |            |      |     |
| Labor                                                                           |              |            | \$50 | 50  |
| Work done by the Sewer Division                                                 |              |            | 545  | 38  |
|                                                                                 |              | -          |      |     |
|                                                                                 |              | S          | 595  | 88  |
| Amount of special appropriation                                                 |              | ŝ          | 595  | 88  |
| remound of special appropriation .                                              | •            | •          | 0.00 |     |
| Montview street, Ward 23, graded, macada                                        | mized        | •          |      |     |
| Labor                                                                           |              |            | 933  | 02  |
| Teaming                                                                         |              |            | 275  |     |
|                                                                                 |              |            |      |     |
| Carried forward,                                                                |              | \$3,       | 208  | 02  |

| Brough                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | t forwa | urd.        |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$3,208   | 02  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------|--------|-------|-------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|
| Gravel .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | •       | •           |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 443       |     |
| Gravel .<br>Stone .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 543       |     |
| Advertising                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |             |        |        |       | ÷.    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18        |     |
| U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,213   | 28  |
| Amount of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | special | . appr      | opria  | tion   |       | . \$  | 1,273  | 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | · ·       |     |
| Amount pa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | id out  | of          | Stree  | et In  | prov  | e-    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
| ments, A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |             |        |        |       |       |        | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |     |
| Amount pa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | aid out | t of        | Stree  | et In  | iprov | e-    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
| Amount pa<br>ments, W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ards 2  | 3 and       | 1.25   | •      | •     | •     | 321    | 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |             |        |        |       | -     |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$4,213   | 28  |
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| Mt. Verno                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | n stro  | ot J        | Vard   | 24 m   | rada  | dame  | nae    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |             |        |        |       | uama  | iges.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
| Amount p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ald to  | 0.0.        | K.K    |        |       |       |        | <b>.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |     |
| Judgment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | paid b  | y the       | ram    | oad    | compa | iny i | n set  | le-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |     |
| ment of p                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ersona  | 1 inju      | ries s | ustain | ea at | tne l | oumpr  | ng-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | @1.905    | 00  |
| station cr<br>Amount of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ossing  | •           | •      |        | •     | •     | •      | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$1,325   |     |
| Amount of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | special | appi        | opria  | tion   | •     | •     | •      | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$1,325   | 00  |
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| Newport S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | street. | Wa          | ard 2  | 4, Cr  | escen | t av  | enue   | to Ha                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | arbor Vi  | ew  |
| street, ma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | acadan  | ,<br>nized. | edge   | estone | s set | gut   | ters p | aved.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |     |
| Labor .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         | , , ,       | 0      |        |       | . 8   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$240     | 95  |
| Teaming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •       | •           | •      | •      | •     | •     | •      | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 130       |     |
| Gravel .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | •       | •           | •      | •      | •     | •     | •      | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 107       |     |
| Filling .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | •       | Ċ           | •      | •      | •     | •     | •      | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 115       |     |
| 6 day and a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |             |        |        | :     |       |        | :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1,044     | 59  |
| Rolling .<br>Paving .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |         |             |        |        | İ     |       | •      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 80        | 00  |
| Paving .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |             |        | ÷      |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 76        |     |
| Work done                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         | Sewe        | er Div | vision |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 109       |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | - 5     |             |        |        |       | -     | -      | , in the second se |           |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,904   | 12  |
| Amount of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | special | appr        | opria  | tion   |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$1,904   | 12  |
| Armound of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | speerar | app.        | oprim  | -      | ·     | •     | •      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
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| Oak street                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | , Wasl  | ningto      | on_st  | reet t | o Ha  | rriso | n ave  | nue, j                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | paved w   | ith |
| large gra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |         |             |        | stone  | reset | , bri | ck sid | ewalk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | s relaid. |     |
| 810 sq. yds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | block   | pavi        | ng.    |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
| Labor .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |         | •           | •      |        | •     |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$916     | 89  |
| Teaming<br>Gravel .<br>52 feet of ec<br>6,650 paving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 732       | 00  |
| Gravel .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |         |             | •      |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200       |     |
| 52 feet of each of the second seco | lgestor | ıe          |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 33        | 80  |
| 6,650 paving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | g-brick |             |        |        |       |       | · ·    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 86 -      | 45  |
| 18,125 large                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | e pavin | g-blo       | cks    |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1,208     | 94  |
| 40 feet flagg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ing     | •           |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32        |     |
| 3.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | $92^{-1}$ |     |
| Advertising                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11        | 00  |
| U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |             |        |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$3,313   | 38  |
| Amount of s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | special | appr        | opriat | tion   |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$3,313   | 38  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |             | 1      |        |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -         |     |

| Park stre                                                                                                                                                                                                                                                                       | et,                       | Charl                                | lestow                  | rn, (                    | City                    | square                      | e to                    | He              | enley                                           | stre                                                                    | eet,                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------|-------------------------|--------------------------|-------------------------|-----------------------------|-------------------------|-----------------|-------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|
| widened, j                                                                                                                                                                                                                                                                      | Javed                     | WILI                                 | rarge                   | e gra                    | nne r                   | nocks.                      |                         |                 | (h s                                            | 107                                                                     | 10                                                                     |
| Labor .                                                                                                                                                                                                                                                                         | •                         | •                                    | •                       | •                        | •                       | •                           | •                       | •               | \$                                              |                                                                         |                                                                        |
| Teaming                                                                                                                                                                                                                                                                         | •                         | •                                    | •                       | •                        | •                       | •                           | •                       | •               |                                                 | 11-                                                                     |                                                                        |
| Labor .<br>Teaming<br>Gravel .<br>4,182 large p<br>Advertising<br>Amount p<br>917 sq. yds.                                                                                                                                                                                      | ۰.                        | ·<br>1.1.                            |                         | ·                        | •                       | •                           | •                       | •               |                                                 | 170                                                                     |                                                                        |
| 4,182 large p                                                                                                                                                                                                                                                                   | paving                    | g-bloc                               | eks                     | •                        | •                       | •                           | •                       | •               | 2                                               | 294                                                                     |                                                                        |
| Advertising                                                                                                                                                                                                                                                                     |                           | •                                    |                         | •                        | •                       | •                           | •                       | •               |                                                 | 5                                                                       | 00                                                                     |
| Amount p                                                                                                                                                                                                                                                                        | aid to                    | Pati                                 | nek B                   | renn                     | an :                    |                             |                         |                 |                                                 |                                                                         |                                                                        |
| 917 sq. yds.                                                                                                                                                                                                                                                                    | block                     | r pavı                               | ng                      | •                        | •                       | •                           | •                       | +               |                                                 | 229                                                                     |                                                                        |
|                                                                                                                                                                                                                                                                                 |                           |                                      |                         |                          |                         |                             |                         |                 |                                                 |                                                                         |                                                                        |
|                                                                                                                                                                                                                                                                                 |                           | _                                    |                         |                          |                         |                             |                         |                 | \$1,1                                           |                                                                         |                                                                        |
| Amount of s                                                                                                                                                                                                                                                                     | pecia                     | l appi                               | ropria                  | ntion                    | •                       | •                           | •                       |                 | \$1,1                                           | 138                                                                     | 23                                                                     |
|                                                                                                                                                                                                                                                                                 |                           |                                      |                         |                          |                         |                             |                         |                 | Comp.                                           |                                                                         |                                                                        |
| Preston str                                                                                                                                                                                                                                                                     | eet,                      | War                                  | d 24,                   | gra                      | ded,                    | macad                       | amiz                    | ed, d           | enlvert                                         | bu                                                                      | ilt.                                                                   |
| Labor .                                                                                                                                                                                                                                                                         |                           |                                      |                         |                          |                         |                             | •                       |                 | \$9                                             | 980                                                                     | 67                                                                     |
| Teaming                                                                                                                                                                                                                                                                         |                           |                                      |                         |                          |                         |                             |                         |                 |                                                 | 339                                                                     | 50                                                                     |
| Gravel .                                                                                                                                                                                                                                                                        |                           |                                      |                         |                          |                         |                             |                         |                 |                                                 | 531                                                                     | 95                                                                     |
| Teaming<br>Gravel .<br>Filling .<br>Stone .<br>Rólling .                                                                                                                                                                                                                        |                           |                                      |                         |                          |                         |                             |                         |                 |                                                 | 54                                                                      |                                                                        |
| Stone .                                                                                                                                                                                                                                                                         |                           |                                      |                         |                          |                         |                             |                         | ·               | 2,4                                             | 161                                                                     | 00                                                                     |
| Rólling .                                                                                                                                                                                                                                                                       |                           |                                      |                         |                          | •                       | ·                           | •                       | · ·             | -,-                                             | 20                                                                      | 00                                                                     |
| Amount n                                                                                                                                                                                                                                                                        | nid to                    | P.J                                  | Lvc                     | ns ·                     | •                       | •                           | •                       | ۰.              |                                                 | 20                                                                      | 00                                                                     |
| Amount pa<br>Building culy                                                                                                                                                                                                                                                      | rort                      | 1.0                                  | · Lyc                   | 115.                     |                         |                             |                         |                 | 7                                               | 700                                                                     | 00                                                                     |
| Dunung curv                                                                                                                                                                                                                                                                     | 010                       | •                                    | •                       | •                        | •                       | •                           | •                       | •               |                                                 | 100                                                                     |                                                                        |
|                                                                                                                                                                                                                                                                                 |                           |                                      |                         |                          |                         |                             |                         |                 | \$5,3                                           |                                                                         |                                                                        |
| Amount of s                                                                                                                                                                                                                                                                     |                           | 0.000                                | onnio                   | tion                     |                         | ¢s                          | 000                     | 00              | ф0,e                                            | 50                                                                      | 12                                                                     |
| Amount paid                                                                                                                                                                                                                                                                     | pecta                     | f Stm                                | opria                   | 01011                    | •                       | . დე<br>.to                 | ,000                    | 00              |                                                 |                                                                         |                                                                        |
| Amount para                                                                                                                                                                                                                                                                     | oure                      | n sur                                | eer m                   | uprov                    | emen                    | us,                         |                         |                 |                                                 |                                                                         |                                                                        |
| Wand 24                                                                                                                                                                                                                                                                         |                           |                                      |                         |                          |                         |                             | 900                     | 10              |                                                 |                                                                         |                                                                        |
| Ward 24                                                                                                                                                                                                                                                                         | •                         | •                                    | •                       | •                        | •                       | •                           | 390                     | 12              | 0 Z 6                                           | 000                                                                     | 10                                                                     |
| Ward 24                                                                                                                                                                                                                                                                         | •                         | •                                    | •                       | •                        | •                       | •                           | 390<br>                 | 12              | \$5,8                                           | 890                                                                     | 12                                                                     |
|                                                                                                                                                                                                                                                                                 | •                         | •                                    | •                       | •                        |                         | •                           |                         |                 | (Security)                                      |                                                                         |                                                                        |
| Ruth street                                                                                                                                                                                                                                                                     | Eas                       | •<br>st Bos                          | ston,                   | exter                    | nded                    | to Mai                      | rgina                   | ul str          | eet. o                                          | rade                                                                    | ed.                                                                    |
| Ruth street                                                                                                                                                                                                                                                                     | . Eas                     | •<br>st Bos<br>etaini                | ston,<br>ng w           | exter<br>all or          | nded<br>1 wes           | to Man<br>terly si          | rgina                   | ul str          | eet. o                                          | rade                                                                    | ed.                                                                    |
| Ruth street<br>heavy gran<br>form, fenc                                                                                                                                                                                                                                         | , Eas<br>nite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes           | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps                                 | rade, pl                                                                | ed,<br>at-                                                             |
| Ruth street<br>heavy gran<br>form, fenc                                                                                                                                                                                                                                         | , Eas<br>nite re<br>es, a | •<br>st Bos<br>etaini<br>nd irc<br>• | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes           | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7                        | rade<br>, pl<br>721                                                     | ed,<br>at-<br>55                                                       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming                                                                                                                                                                                                                     | , Eas<br>nite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes           | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7                        | rade, pl                                                                | ed,<br>at-<br>55                                                       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone                                                                                                                                                                                                            | , Eas<br>nite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7                        | rade<br>, pl<br>721                                                     | ed,<br>at-<br>55<br>50                                                 |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone                                                                                                                                                                                                            | , Eas<br>nite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7<br>22                  | rade<br>, pl<br>721<br>289<br>252<br>17                                 | ed,<br>at-<br>55<br>50<br>07<br>00                                     |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone                                                                                                                                                                                                            | , Eas<br>nite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7<br>22                  | rade<br>, pl<br>721<br>289<br>252                                       | ed,<br>at-<br>55<br>50<br>07<br>00                                     |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone<br>Sand<br>Lumber .<br>Edgestone                                                                                                                                                                           | , Eas<br>bite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7<br>2<br>2              | rade<br>, pl<br>721<br>289<br>252<br>17                                 | ed,<br>at-<br>55<br>50<br>07<br>00<br>25                               |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone<br>Sand<br>Lumber .<br>Edgestone                                                                                                                                                                           | , Eas<br>bite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7<br><u>2</u><br>2<br>1  | rade<br>, pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43               | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14                   |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone<br>Sand<br>Lumber .<br>Edgestone                                                                                                                                                                           | , Eas<br>bite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hai | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps<br>\$1,7<br><u>2</u><br>2<br>1  | rade<br>, pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43               | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14                   |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone<br>Sand<br>Lumber .<br>Edgestone                                                                                                                                                                           | , Eas<br>bite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on han | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>, steps,<br>\$1,7<br>2<br>2<br>2      | rade<br>, pl<br>221<br>289<br>252<br>17<br>47<br>23                     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00             |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor<br>Teaming<br>Stone                                                                                                                                                                                                            | , Eas<br>bite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on han | exter<br>all or<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ul str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .                                                                                                                   | , Eas<br>bite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on han | exten<br>all on<br>nd-ra | nded<br>1 wes<br>ils bu | to Man<br>terly si<br>tilt. | rgina<br>ide,           | ıl str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa                                                                                                      | , Eas<br>nite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hau | exter<br>all or<br>nd-ra | nded<br>n wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,<br>·<br>· | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran                                                                                     | , Eas<br>nite re<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hav | exter<br>all or<br>nd-ra | nded<br>n wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,<br>·<br>· | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. fr                                                                   | , Eas<br>nite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hav | exten<br>all on<br>nd-ra | nded<br>n wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,           | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. fr                                                                   | , Eas<br>nite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hav | exten<br>all on<br>nd-ra | nded<br>n wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,           | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. fr                                                                   | , Eas<br>nite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on hav | exten<br>all on<br>nd-ra | nded<br>n wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,           | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. ft<br>768.8 sq. ft.<br>691.3 lin. ft.<br>1,020 4 sq. ft              | , Eas<br>nite ro<br>es, a | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on han | exter<br>all on<br>nd-ra | nded<br>n wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,           | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. ft<br>768.8 sq. ft.<br>691.3 lin. ft.<br>1,020 4 sq. ft<br>Carpenter | , Eas<br>ite ro<br>es, a  | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on han | exter<br>all on<br>nd-ra | nded<br>a wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,           | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. ft<br>768.8 sq. ft.<br>691.3 lin. ft.<br>1,020 4 sq. ft              | , Eas<br>ite ro<br>es, a  | st Bos<br>etaini<br>nd irc           | ston,<br>ng w<br>on han | exter<br>all on<br>nd-ra | nded<br>a wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgina<br>ide,           | ll str<br>wall, | eet, g<br>steps,<br>\$1,7<br>2<br>2<br>1        | rade<br>pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48     | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50       |
| Ruth street<br>heavy gran<br>form, fenc<br>Labor .<br>Teaming<br>Stone .<br>Sand .<br>Lumber .<br>Edgestone<br>Paint and oil<br>Cement .<br>Masonry<br>Pipe .<br>Amount pa<br>Building gran<br>1,946.3 cu. ft<br>768.8 sq. ft.<br>691.3 lin. ft.<br>1,020 4 sq. ft<br>Carpenter | , Eas<br>ite ro<br>es, a  | st Bos<br>etaini<br>nd iro           | ston,<br>ng w<br>on han | exter<br>all on<br>nd-ra | nded<br>a wes<br>ils bu | to Mai<br>terly si<br>iilt. | rgins<br>de,            | ll str<br>wall, | eet, g<br>, steps,<br>\$1,7<br>2<br>2<br>1<br>2 | rade, pl<br>221<br>289<br>252<br>17<br>47<br>23<br>43<br>29<br>48<br>26 | ed,<br>at-<br>55<br>50<br>07<br>00<br>25<br>00<br>14<br>00<br>50<br>44 |

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| Brought forward, \$2,018 37                | \$2,797 45       |
|--------------------------------------------|------------------|
| Lumber, nails, and leading, \$90.93; plus, |                  |
| 15%, \$13.63 104 56                        |                  |
|                                            | 2,122 93         |
| Amount paid to Geo. T. McLauthlin & Co. :  |                  |
| Putting up fence and painting \$335 00     |                  |
| Extra work, as ordered                     |                  |
|                                            | 556 97           |
| Work done by the Sewer Division            | $109 \ 36$       |
|                                            |                  |
|                                            | \$5,586 71       |
| Amount paid out of appropriation for       |                  |
| Ruth street \$5,029 74                     |                  |
| Amount paid out of Street Improvements,    |                  |
| Wards 1 and 2                              |                  |
|                                            | \$5,586 71       |
|                                            | <i>40,000</i> 11 |
|                                            |                  |

Second street, I to L street, paved with large granite blocks.

| Labor .     |         |        |            |        |     |       |    | \$1,284 | 95 |
|-------------|---------|--------|------------|--------|-----|-------|----|---------|----|
| Teaming     |         |        |            |        |     |       |    | 543     | 00 |
| Gravel .    |         |        |            |        |     | · .   |    | 524     | 54 |
| 53,442 lar  | ge pavi | ng-blo | ocks       |        |     |       |    | 3,564   | 58 |
| 23,000 pa   |         |        |            |        |     |       |    | 287     | 50 |
| Wharfage    |         |        |            |        |     |       |    | 160     | 68 |
| Amount      |         |        |            |        |     |       |    |         |    |
| 2,391 sq. y | 1       |        |            |        | s., | \$597 | 75 |         |    |
| 73 feet ed  |         |        |            |        |     | 5     | 84 |         |    |
| 470 sq. yc  |         |        |            | 18 ets | s   | 84    | 60 |         |    |
| 49 sq. yds  |         |        |            |        |     | 12    | 25 |         |    |
|             |         |        | 02 0 0.0.0 | <br>   | ,   |       |    | 700     | 44 |
|             |         |        |            |        |     |       |    |         |    |
|             |         |        |            |        |     |       |    | \$7.065 | 69 |

#### STREET IMPROVEMENTS, ALDERMANIC DISTRICT NO. 1.

Bennington street, Wordsworth to Saratoga street, filled to grade.

| Labor .     |     |        |        |       |       |     |       |    | \$1,533 | 10           |
|-------------|-----|--------|--------|-------|-------|-----|-------|----|---------|--------------|
| Teaming     |     |        |        |       |       |     |       |    | 2,204   | 00           |
| Gravel .    |     |        |        |       |       |     |       |    | 308     | 02           |
| Advertising |     |        |        |       |       |     |       |    | 5       | 50           |
| Paving .    |     |        |        |       |       |     |       |    | 115     | 56           |
| U           |     |        |        |       |       |     |       |    |         |              |
|             |     |        |        |       |       |     |       |    | \$4,166 | 18           |
| Amount paid | out | of Str | eet In | nprov | remen | ts, |       |    |         |              |
| Aldermani   |     |        |        |       |       |     | 3,861 | 81 |         |              |
| Amount paid |     |        |        |       |       |     | .'    |    |         |              |
| Wards 1 a   |     |        |        |       |       |     | 304   | 37 |         |              |
|             |     |        |        |       |       |     |       |    | \$4,166 | $18^{\circ}$ |

184

|                                                                                                                                    | eet, I                                     | Porte                                | r stree                                | et to (                                                                                     | Chelse                                                                                      | ea bri            | dge, r        | naca        | damized.                                                                                                                |                  |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|---------------|-------------|-------------------------------------------------------------------------------------------------------------------------|------------------|
| Labor .                                                                                                                            |                                            |                                      |                                        |                                                                                             |                                                                                             |                   | •             |             | \$2,986 55                                                                                                              | 5                |
| Teaming                                                                                                                            |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | 1.347 50                                                                                                                | )                |
| Stone .                                                                                                                            |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | 3,023 55                                                                                                                | 5                |
| Gravel .                                                                                                                           |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | 747 84                                                                                                                  |                  |
| Rolling .                                                                                                                          |                                            |                                      |                                        |                                                                                             |                                                                                             |                   | •             |             | 940 00                                                                                                                  | )                |
| Rolling .<br>Advertising                                                                                                           |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | 5 00                                                                                                                    | )                |
| Ū                                                                                                                                  |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             |                                                                                                                         |                  |
|                                                                                                                                    | _                                          |                                      | _                                      |                                                                                             |                                                                                             |                   |               |             | \$9,050 44                                                                                                              | ł                |
| Amount paid                                                                                                                        | dout                                       | of Str                               | eet In                                 | nprov                                                                                       | rement                                                                                      | ts,               |               | 0.3         |                                                                                                                         |                  |
| Alderman                                                                                                                           | ie Di                                      | strict                               | No. 1                                  | ι.                                                                                          | •                                                                                           | • \$              | 4,563         | 93          |                                                                                                                         |                  |
| Amount paid                                                                                                                        | d out                                      | of Str                               | eet In                                 | nprov                                                                                       | rement                                                                                      | ts,               |               | ~ 1         |                                                                                                                         |                  |
| Amount paid<br>Wards 1 :                                                                                                           | and 2                                      | •                                    | •                                      | •                                                                                           | •                                                                                           | • *               | 4,486         | 91          | #0.0F0.44                                                                                                               |                  |
|                                                                                                                                    |                                            |                                      |                                        |                                                                                             |                                                                                             | -                 |               |             | \$9,050 44                                                                                                              | F                |
|                                                                                                                                    |                                            |                                      |                                        | ~                                                                                           |                                                                                             |                   |               | _           |                                                                                                                         | -                |
| Moore stre                                                                                                                         | et, B                                      | ennin                                | gton t                                 | to Cov                                                                                      | wper s                                                                                      | street            | , filled      | land        | d gravelled.                                                                                                            |                  |
| Labor .                                                                                                                            |                                            | •                                    |                                        |                                                                                             |                                                                                             |                   |               | •           | \$259 75                                                                                                                |                  |
| Teaming                                                                                                                            |                                            |                                      |                                        |                                                                                             |                                                                                             |                   | •             |             | 236 50                                                                                                                  |                  |
| Gravel .                                                                                                                           |                                            | · .                                  |                                        |                                                                                             |                                                                                             |                   | •             |             | 407 93                                                                                                                  |                  |
|                                                                                                                                    |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             |                                                                                                                         |                  |
|                                                                                                                                    |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | \$904 18                                                                                                                | 3                |
| Amount paid<br>Alderman                                                                                                            | d out                                      | of Str                               | eet In                                 | nprov                                                                                       | rement                                                                                      | ts,               |               |             |                                                                                                                         |                  |
| Alderman                                                                                                                           | ie Di                                      | strict                               | No. 1                                  | ι.                                                                                          | •                                                                                           | •                 | \$853         | 70          |                                                                                                                         |                  |
| Amount paie                                                                                                                        |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             |                                                                                                                         |                  |
| Wards 1 :                                                                                                                          | and 2                                      | •                                    | •                                      | •                                                                                           | •                                                                                           | •                 | 50            |             | ****                                                                                                                    | _                |
|                                                                                                                                    |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | \$904 18                                                                                                                | 5                |
| New edgest                                                                                                                         | ones.                                      | sidev                                | valks.                                 | and                                                                                         | gutte                                                                                       | rs.               |               |             |                                                                                                                         |                  |
| Labor .                                                                                                                            | ,                                          |                                      | ,                                      |                                                                                             | •                                                                                           |                   |               |             | \$461 82                                                                                                                | >                |
|                                                                                                                                    |                                            | •                                    | •                                      | •                                                                                           | •                                                                                           | •                 | •             | •           |                                                                                                                         |                  |
| Teaming                                                                                                                            |                                            |                                      |                                        |                                                                                             |                                                                                             |                   |               |             | 63-00                                                                                                                   |                  |
| Teaming<br>Gravel                                                                                                                  | •                                          | •                                    | •                                      | •                                                                                           | •                                                                                           | •                 | •             | •           | 63-00<br>13-88                                                                                                          |                  |
| Gravel .                                                                                                                           | •                                          |                                      |                                        |                                                                                             | •                                                                                           | •                 | •             | •           | 13 88                                                                                                                   | 3                |
|                                                                                                                                    |                                            |                                      |                                        | •                                                                                           | •                                                                                           | •                 |               | •<br>•<br>• |                                                                                                                         | 3                |
| Gravel .                                                                                                                           | •                                          |                                      |                                        |                                                                                             | •                                                                                           | •                 |               |             | $\begin{array}{c} 13 \\ 11 \\ 00 \end{array}$                                                                           | 3                |
| Gravel .<br>Sand .                                                                                                                 | •                                          | •                                    | •                                      |                                                                                             | •                                                                                           | •<br>•            |               | nic         | 13 88                                                                                                                   | 3                |
| Gravel .<br>Sand .<br>Amount pair                                                                                                  | d out                                      | of str                               |                                        | aprov                                                                                       | ement                                                                                       |                   | derma         | nic         | $\begin{array}{c} 13 \\ 11 \\ 00 \end{array}$                                                                           | 3                |
| Gravel .<br>Sand .<br>Amount pai<br>District 1                                                                                     | d out<br>No. 1                             | of str                               | ·<br>eet in                            | nprov                                                                                       | ement                                                                                       | s, Al             | derma         | nic         | $ \begin{array}{r} 13 & 88 \\ 11 & 00 \\ \$549 & 70 \\ \$549 & 70 \\ \end{array} $                                      | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pair                                                                                                  | d out<br>No. 1                             | of str                               | ·<br>eet in                            | nprov                                                                                       | ement                                                                                       | s, Al             | derma         | nie         | $   \begin{array}{r}     13 & 88 \\     11 & 00 \\     \hline         \\         \\         \\         $                | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pai<br>District 1                                                                                     | d out<br>No. 1                             | of str                               | ·<br>eet in                            | nprov                                                                                       | ement                                                                                       | s, Al             | derma         | •           | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                   | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pai-<br>District Y<br>Work done                                                                       | d out<br>No. 1                             | of str<br>he Se                      | wer D                                  | Divisio                                                                                     | ement                                                                                       | :<br>s, Al        | derma         | •           | $ \begin{array}{r} 13 & 88 \\ 11 & 00 \\ \hline \$549 & 70 \\ \$549 & 70 \\ \$549 & 70 \\ \$2,370 & 80 \\ \end{array} $ | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pai-<br>District Y<br>Work done                                                                       | d out<br>No. 1                             | of str<br>he Se                      | wer D                                  | Divisic                                                                                     | ·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>· | :<br>s, Al        | derma         | •           | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                   | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pai-<br>District Y<br>Work done                                                                       | d out<br>No. 1                             | of str<br>he Se                      | wer D                                  | Divisic                                                                                     | ement                                                                                       | :<br>s, Al        | derma         | •           | $ \begin{array}{r} 13 & 88 \\ 11 & 00 \\ \hline \$549 & 70 \\ \$549 & 70 \\ \$549 & 70 \\ \$2,370 & 80 \\ \end{array} $ | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pai<br>District Y<br>Work done<br>STREET                                                              | d out<br>No. 1<br>by th<br>T IMI           | of str<br>be Sev<br>PROV             | wer D<br>TEME                          | Divisic<br>2NTS<br>NO                                                                       |                                                                                             | :<br>s, Al        | derma         | •           | $ \begin{array}{r} 13 & 88 \\ 11 & 00 \\ \hline \$549 & 70 \\ \$549 & 70 \\ \$549 & 70 \\ \$2,370 & 80 \\ \end{array} $ | 3<br>)<br>-<br>) |
| Gravel .<br>Sand .<br>Amount pai<br>District 1<br>Work done<br>STREET<br>Alford stree                                              | d out<br>No. 1<br>by th<br>MI<br>MI        | of str<br>be Sev<br>PROV             | wer D                                  | Divisio<br>NO<br>reston                                                                     |                                                                                             | :<br>s, Al<br>DER | derma<br>MANI | •           | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT                                                        |                  |
| Gravel .<br>Sand .<br>Amount pai<br>District 1<br>Work done<br>STREET<br>Alford stro<br>Labor .                                    | d out<br>No. 1<br>by th<br>S IMI<br>eet, p | of str<br>he Se <sup>r</sup><br>PROV | :<br>reet in<br>wer D<br>EME<br>g, edg | ·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>· | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•                          | s, Al<br>DERI     | derma<br>MANI | •           | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-                                            |                  |
| Gravel .<br>Sand .<br>Amount paid<br>District N<br>Work done<br>STREET<br>Alford stree<br>Labor .<br>Teaming                       | d out<br>No. 1<br>by th<br>IMI<br>eet, p   | of str<br>be Sev<br>PROV<br>paving   | ·<br>eet in<br>wer D<br>EME<br>g, edg  | Divisic<br>NTS<br>NO<br>eston                                                               | ement                                                                                       | :<br>DER          | derma<br>MANJ | •           | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-<br>72 00                                   |                  |
| Gravel .<br>Sand .<br>Amount paid<br>District N<br>Work done<br>STREET<br>Alford stree<br>Labor .<br>Teaming                       | d out<br>No. 1<br>by th<br>IMI<br>eet, p   | of str<br>be Sev<br>PROV<br>paving   | ·<br>eet in<br>wer D<br>EME<br>g, edg  | ·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>·<br>· | ement                                                                                       | s, Al<br>DERI     | derma<br>MANI | •           | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-                                            |                  |
| Gravel .<br>Sand .<br>Amount pai<br>District N<br>Work done<br>STREET<br>Alford stro<br>Labor .<br>Teaming<br>Gravel .<br>Amount 1 | d out<br>No. 1<br>by th<br>C IMI<br>cet, p | of str<br>he Sev<br>PROV<br>paving   | eet in<br>wer D<br>EME<br>, edg        | inprov<br>ivisic<br>Oivisic<br>CNTS<br>NO<br>eston                                          | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | s, Al<br>DERI     | derma         | C D         | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-<br>72 00                                   |                  |
| Gravel .<br>Sand .<br>Amount pai<br>District N<br>Work done<br>STREET<br>Alford stro<br>Labor .<br>Teaming<br>Gravel .<br>Amount 1 | d out<br>No. 1<br>by th<br>C IMI<br>cet, p | of str<br>he Sev<br>PROV<br>paving   | eet in<br>wer D<br>EME<br>, edg        | inprov<br>ivisic<br>Oivisic<br>CNTS<br>NO<br>eston                                          | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | s, Al<br>DERI     | derma         | C D         | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-<br>72 00                                   |                  |
| Gravel .<br>Sand .<br>Amount paid<br>District N<br>Work done<br>STREET<br>Alford stree<br>Labor .<br>Teaming                       | d out<br>No. 1<br>by th<br>C IMI<br>cet, p | of str<br>he Sev<br>PROV<br>paving   | eet in<br>wer D<br>EME<br>, edg        | inprov<br>ivisic<br>Oivisic<br>CNTS<br>NO<br>eston                                          | •<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | s, Al<br>DERI     | derma         | C D         | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-<br>72 00                                   |                  |
| Gravel .<br>Sand .<br>Amount pai<br>District N<br>Work done<br>STREET<br>Alford stro<br>Labor .<br>Teaming<br>Gravel .<br>Amount 1 | d out<br>No. 1<br>by th<br>MI<br>eet, p    | of str<br>he Ser<br>PROV<br>paving   | eet in<br>wer D<br>EME<br>, edg        | inprov<br>ivisic<br>Oivisic<br>CNTS<br>NO<br>eston                                          | ement                                                                                       | s, Al<br>DERI     | derma         | 20<br>50    | 13 88<br>11 00<br>\$549 70<br>\$549 70<br>\$2,370 80<br>DISTRICT<br>\$620 6-<br>72 00<br>323 43                         |                  |

tout Dut street to Cholese bridge moondamiged COL 1

CITY DOCUMENT No. 34.

| Brought                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  |                                                                                          |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------|----------------|--------------------------|------------------|------------------------------------------------------------------------------------------|----------------------------------------------|
|                                                                                                                                                                                                                       | form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | and                                                                                                           |                                                                        |                               |                                                                         |                | \$419                    | 70               | \$1,016 1                                                                                | 11                                           |
| Diotigne                                                                                                                                                                                                              | , joi a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ara;                                                                                                          |                                                                        | <b>1</b> /                    | 10.4                                                                    |                |                          |                  | <i>\\\</i> ,010 1                                                                        |                                              |
| 24 sq. yds. k                                                                                                                                                                                                         | oriek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | pavm                                                                                                          | g laic                                                                 | i, at                         | 18 cts.                                                                 | ,              | 4                        | 32               |                                                                                          |                                              |
|                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  | 424 0                                                                                    | )2                                           |
|                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  |                                                                                          | _                                            |
|                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  | @1 440 T                                                                                 | 61                                           |
|                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  | \$1,440 1                                                                                | ю                                            |
| Amount paid                                                                                                                                                                                                           | l out d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | of stre                                                                                                       | et im                                                                  | prove                         | ements.                                                                 | $, \mathbf{A}$ | lderma                   | nic              |                                                                                          |                                              |
| District N                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               | •                                                                       |                |                          |                  | \$1,440 1                                                                                | 13                                           |
| DISTINUT                                                                                                                                                                                                              | • -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | •                                                                                                             | •                                                                      | •                             | •                                                                       | •              |                          |                  | * - 1 - 1                                                                                | _                                            |
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| A                                                                                                                                                                                                                     | - A -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | W 1- 2                                                                                                        |                                                                        | t                             | ast to                                                                  | th.            | uniluo                   | ad               | newed wit                                                                                | h                                            |
| Austin stre                                                                                                                                                                                                           | et,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | w asm                                                                                                         | ngtor                                                                  | n str                         | eet to                                                                  | the            | e ranro                  | aa,              | paved wit                                                                                | 11                                           |
| large gran                                                                                                                                                                                                            | nite k                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | blocks.                                                                                                       | , edge                                                                 | eston                         | es set,                                                                 | bri            | ick side                 | ewal             | ks laid.                                                                                 |                                              |
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| Labor .                                                                                                                                                                                                               | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | •                                                                                                             | •                                                                      | •                             |                                                                         | •              | •                        | •                |                                                                                          |                                              |
| Teaming                                                                                                                                                                                                               | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | •                                                                                                             | •                                                                      | •                             | •                                                                       | •              | •                        | •                | 232 5                                                                                    |                                              |
| Gravel .                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  | 532 3                                                                                    | 35                                           |
| Sundaioo                                                                                                                                                                                                              | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  | 2 9                                                                                      | 97                                           |
| Sundries<br>11,000 pavir                                                                                                                                                                                              | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                               | •                                                                      | •                             | •                                                                       | •              | •                        | •                |                                                                                          |                                              |
| 11,000 pavir                                                                                                                                                                                                          | ig-bri                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ick                                                                                                           |                                                                        | •                             | •                                                                       | •              | •                        | •                | 132 (                                                                                    |                                              |
| 377 feet of g                                                                                                                                                                                                         | ranit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | e flagg                                                                                                       | ring                                                                   |                               |                                                                         |                |                          |                  | $290^{-2}$                                                                               | $29^{-}$                                     |
| 377 feet of g<br>32,625 large                                                                                                                                                                                         | novi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | no-hlo                                                                                                        | olze                                                                   |                               |                                                                         |                |                          |                  | 2,316 $3$                                                                                | 37                                           |
| 52,025 laige                                                                                                                                                                                                          | pavi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ng-nic                                                                                                        | m                                                                      | •                             | à                                                                       | •              | •                        | •                | <i>2</i> ,010 c                                                                          |                                              |
| Amount p                                                                                                                                                                                                              | aid to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | o Johr                                                                                                        | Tur                                                                    | ner ð                         | z U0.:                                                                  |                |                          | -                |                                                                                          |                                              |
| 2,646 sq. yds                                                                                                                                                                                                         | . bloc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ck pav                                                                                                        | ing la                                                                 | id, at                        | 25 cts.                                                                 | ,              | \$661                    | 50               |                                                                                          |                                              |
| 787 feet edg                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                | 62                       | 96               |                                                                                          |                                              |
| Fig. 1                                                                                                                                                                                                                | L L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | . 1030                                                                                                        |                                                                        | J                             | 10                                                                      | •              | $9\overline{2}$          |                  |                                                                                          |                                              |
| 512 sq. yds.                                                                                                                                                                                                          | Drick                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | c pavn                                                                                                        | ig iai                                                                 | $\alpha$ , at                 | To cus.                                                                 | •              |                          |                  |                                                                                          |                                              |
| 67 sq. yds.                                                                                                                                                                                                           | cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | walks                                                                                                         | laid,                                                                  | at 2                          | 5 ets.                                                                  |                | 16                       | 75               |                                                                                          |                                              |
| r e                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                        |                               |                                                                         |                |                          |                  |                                                                                          |                                              |
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| Less 10,000                                                                                                                                                                                                           | old t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | blocks                                                                                                        | , at Ş                                                                 | 10                            | •                                                                       | •              | 100                      | 00               |                                                                                          |                                              |
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| Amount pai                                                                                                                                                                                                            | d out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | of str                                                                                                        | eet in                                                                 | iprov                         | ements                                                                  | з,             |                          |                  | \$5,064                                                                                  | 10                                           |
| Amount paie                                                                                                                                                                                                           | d out<br>ic Di                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | of stre<br>strict                                                                                             | eet in<br>No. 2                                                        | iprov                         | ements                                                                  | 3,<br>• {      | \$1,179                  | 97               | \$5,064 1                                                                                | 10                                           |
| Alderman                                                                                                                                                                                                              | ic Di                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | strict                                                                                                        | No. 2                                                                  | 2.                            |                                                                         |                | \$1,179                  | 97               | \$5,064 ]                                                                                | 10                                           |
| Alderman<br>Amount paid                                                                                                                                                                                               | ic Di<br>l out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stre                                                                                             | No. 2<br>eet in                                                        | ?.<br>nprov                   | ements                                                                  | • •            |                          |                  | \$5,064 ]                                                                                | 10                                           |
| Alderman<br>Amount paid                                                                                                                                                                                               | ic Di<br>l out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stre                                                                                             | No. 2<br>eet in                                                        | ?.<br>nprov                   | ements                                                                  | • •            |                          |                  |                                                                                          |                                              |
| Alderman<br>Amount paid                                                                                                                                                                                               | ic Di<br>l out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stre                                                                                             | No. 2<br>eet in                                                        | ?.<br>nprov                   |                                                                         | • •            |                          |                  | \$5,064 I<br>\$5,064 I                                                                   |                                              |
| Alderman<br>Amount paid                                                                                                                                                                                               | ic Di<br>l out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stre                                                                                             | No. 2<br>eet in                                                        | ?.<br>nprov                   | ements                                                                  | • •            |                          |                  |                                                                                          |                                              |
| Alderman<br>Amount paid<br>Ward 5                                                                                                                                                                                     | ie Di<br>l out<br>·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | strict<br>of stre                                                                                             | No. 2<br>eet im<br>•                                                   | ? .<br>nprov<br>·             | ements                                                                  | •              | 3,884                    | 13               | \$5,064                                                                                  | 10                                           |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s                                                                                                                                                                        | ie Di<br>d out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stro<br>t. Ru                                                                                    | No. 2<br>eet im                                                        | prov                          | ements                                                                  | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave                                                                  | 10<br>ed                                     |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s                                                                                                                                                                        | ie Di<br>d out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stro<br>t. Ru                                                                                    | No. 2<br>eet im                                                        | prov                          | ements                                                                  | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave                                                                  | 10<br>ed                                     |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large                                                                                                                                                          | ie Di<br>d out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | strict<br>of stro<br>t. Ru                                                                                    | No. 2<br>eet im                                                        | prov                          | ements                                                                  | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave<br>ewalks relai                                                  | 10<br>ed<br>d.                               |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s                                                                                                                                                                        | ie Di<br>dout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | strict<br>of stro<br>t. Ru                                                                                    | No. 2<br>eet im                                                        | prov                          | ements                                                                  | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave<br>ewalks relate<br>\$385                                        | 10<br>ed<br>d.<br>23                         |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor                                                                                                                                                 | ie Di<br>dout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | strict<br>of stro<br>t, Ru<br>nite blo                                                                        | No. 2<br>eet im<br>therfocks,                                          | prov                          | ements                                                                  | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave<br>ewalks relai                                                  | 10<br>ed<br>d.<br>23                         |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming                                                                                                                                    | ic Di<br>l out<br>stree<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | strict<br>of stro<br>t, Ru<br>nite blo                                                                        | No. 2<br>eet im<br>therfo<br>ocks,                                     | 2 .<br>nprov<br>ord a<br>edge | ements<br>avenue<br>stones                                              | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave<br>ewalks relai<br>\$385<br>415                                  | 10<br>ed<br>d.<br>23<br>10                   |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .                                                                                                                        | ic Di<br>l out<br>stree<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | strict<br>of stro<br>t, Ru<br>nite blo                                                                        | No. 2<br>eet im<br>therfo<br>ocks,                                     | 2 .<br>nprov<br>ord a<br>edge | ements                                                                  | . ;            | 3,884                    | 13<br>in         | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343                          | 10<br>ed<br>d.<br>23<br>10<br>20             |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry                                                                                                             | ic Di<br>l out<br>street<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | strict<br>of stre<br>t, Ru<br>nite ble                                                                        | No. 2<br>eet im<br>therfo<br>ocks,                                     | 2 .<br>prov<br>ord 4<br>edge  | ements<br>•<br>•<br>•<br>•<br>•<br>•<br>•                               | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in         | \$5,064<br>street, pave<br>ewalks relate<br>\$385<br>415<br>343<br>10 0                  | 10<br>ed<br>d.<br>23<br>10<br>20<br>00       |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry                                                                                                             | ic Di<br>l out<br>street<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | strict<br>of stre<br>t, Ru<br>nite ble                                                                        | No. 2<br>eet im<br>therfo<br>ocks,                                     | 2 .<br>prov<br>ord 4<br>edge  | ements<br>•<br>•<br>•<br>•<br>•<br>•<br>•                               | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in         | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343                          | 10<br>ed<br>d.<br>23<br>10<br>20<br>00       |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra                                                                                             | ic Di<br>l out<br>street<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | strict<br>of stre                                                                                             | No. 2<br>eet im<br>therfo<br>ocks,                                     | 2 .<br>aprov<br>ord 4<br>edge | ements<br>•<br>•<br>•<br>•<br>•<br>•<br>•                               | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in         | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor<br>Teaming<br>Gravel<br>Masonry<br>430 feet gra<br>35,775 large                                                                                 | ie Di<br>l out<br>street<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | strict<br>of stro<br>t, Ru<br>ite blo<br><br>erossin<br>                                                      | No. 2<br>eet im<br>therfo<br>ocks,<br><br><br><br><br><br><br>         | ord a<br>edge                 | ements<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in         | \$5,064<br>street, pave<br>ewalks relate<br>\$385<br>415<br>343<br>10 0                  | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p                                                                 | ie Di<br>lout<br>street<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | strict<br>of stro<br>t, Ru<br>ite blo<br>erossin<br>ing-blo<br>o John                                         | No. 2<br>eet im<br>therfo<br>ocks,                                     | ord a<br>edge                 | ements<br>·<br>avenue<br>stones<br>·<br>·<br>·<br>·                     | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p                                                                 | ie Di<br>lout<br>street<br>gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | strict<br>of stro<br>t, Ru<br>ite blo<br>erossin<br>ing-blo<br>o John                                         | No. 2<br>eet im<br>therfo<br>ocks,                                     | ord a<br>edge                 | ements<br>·<br>avenue<br>stones<br>·<br>·<br>·<br>·                     | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. ye                                                 | ie Di<br>lout<br>street<br>gran<br><br><br>nite c<br>e pavi<br>baid t<br>ls. blo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>ng-blo<br>o John<br>ock pa                               | No. 2<br>eet im<br>therfo<br>ocks,                                     | ord a<br>edge                 | ements<br>·<br>avenue<br>stones<br>·<br>·<br>·<br>·                     | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. yc<br>5.8 feet edg                                 | ie Di<br>d out<br>street<br>e gran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>ang-blo<br>o John<br>ock pa<br>e, at (                   | No. 2<br>eet im<br>therfo<br>ocks,                                     | ord a<br>edge                 | ements<br>avenue<br>stones                                              | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. yc<br>5.8 feet edg<br>654.5 feet e                 | ie Di<br>l out<br>street<br>gran<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>ing-blo<br>o John<br>ock pa<br>e, at (<br>one re         | No. 2<br>eet im<br>therfo<br>ocks,                                     | ord a<br>edge                 | ements<br>avenue<br>stones                                              | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. yd<br>5.8 feet edg<br>654.5 feet e<br>506 sq. yds. | ie Di<br>l out<br>stree<br>gran<br>ie gran<br>ie gran | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>og-blo<br>o John<br>ock pa<br>e, at (<br>one re<br>pavin | No. 2<br>eet im<br>therfo<br>ocks,<br><br><br><br><br><br><br><br><br> | ord a<br>edge                 | ements<br>avenue<br>stones                                              | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. yd<br>5.8 feet edg<br>654.5 feet e<br>506 sq. yds. | ie Di<br>l out<br>stree<br>gran<br>ie gran<br>ie gran | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>og-blo<br>o John<br>ock pa<br>e, at (<br>one re<br>pavin | No. 2<br>eet im<br>therfo<br>ocks,<br><br><br><br><br><br><br><br><br> | ord a<br>edge                 | ements<br>avenue<br>stones                                              | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>d.<br>23<br>10<br>20<br>00<br>10 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. yc<br>5.8 feet edg<br>654.5 feet e                 | ie Di<br>l out<br>stree<br>gran<br>ie gran<br>ie gran | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>og-blo<br>o John<br>ock pa<br>e, at (<br>one re<br>pavin | No. 2<br>eet im<br>therfo<br>ocks,<br><br><br><br><br><br><br><br><br> | ord a<br>edge                 | ements<br>avenue<br>stones                                              | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relai<br>\$385<br>415<br>343<br>10 (<br>331<br>2,540 ( | 10<br>ed<br>23<br>10<br>20<br>00<br>10<br>03 |
| Alderman<br>Amount paid<br>Ward 5<br>Chapman s<br>with large<br>Labor .<br>Teaming<br>Gravel .<br>Masonry<br>430 feet gra<br>35,775 large<br>Amount p<br>1,431 sq. yd<br>5.8 feet edg<br>654.5 feet e<br>506 sq. yds. | ie Di<br>l out<br>stree<br>gran<br>ie gran<br>ie gran | strict<br>of stro<br>t, Ru<br>nite blo<br>erossin<br>og-blo<br>o John<br>ock pa<br>e, at (<br>one re<br>pavin | No. 2<br>eet im<br>therfo<br>ocks,<br><br><br><br><br><br><br><br><br> | ord a<br>edge                 | ements<br>avenue<br>stones                                              | to<br>set      | 3,884<br>Anst<br>, brick | 13<br>in<br>side | \$5,064<br>street, pave<br>ewalks relaid<br>\$385<br>415<br>343<br>10 (<br>331           | 10<br>ed<br>23<br>10<br>20<br>00<br>10<br>03 |

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Carried forward,

\$4,557 55

186

| Brough                                              | t forward             | ,<br>                     |                |                   | 4-                |         |       | \$4,557           | 55   |
|-----------------------------------------------------|-----------------------|---------------------------|----------------|-------------------|-------------------|---------|-------|-------------------|------|
| Amount paid<br>Alderman                             | ic Distric            | et No. 1                  | 2.             | •                 | . \$              | 3,536   | 50    |                   |      |
| Amount paid<br>Ward 5                               | lout of s             | treet II                  | nprov          | vemen             | us,               | 1.021   | 05    |                   |      |
| Waru o                                              | • •                   | •                         | •              | •                 | •                 |         |       | \$4,557           | 55   |
| Charles str                                         | eet, Wa               | rd 4, p                   | aved           | with              | large             | gran    | ite b | locks, ed         | ge-  |
| stone rese                                          | t. brick              | sidewal                   | ks re          | laid.             | cross             | valks   | rela  | id.               | _    |
| Labor .<br>Teaming<br>Gravel .<br>11,400 large      | • •                   | •                         | •              | •                 | •                 | •       | •     | \$374             |      |
| Teaming                                             | • •                   | •                         | •              | •                 | •                 | •       | •     | 94                |      |
| Gravel .                                            |                       | ·<br>alaal <del>r</del> a | •              | •                 | •                 | •       | •     | $\frac{112}{760}$ | 20   |
| 11,400 large                                        | paving-               | JIOCKS                    | •              | •                 | •                 | •       | •     |                   |      |
|                                                     |                       |                           |                |                   |                   |         |       | \$1,342           |      |
| Noin street                                         | arossin               | ď                         |                |                   |                   |         |       |                   |      |
| Main street                                         |                       |                           |                |                   |                   |         |       | ¢90               | 90   |
| Labor .                                             | • •                   | •                         | •              | •                 | •                 | •       | •     | \$29<br>          | 90   |
| Medford st                                          | reet. wo              | rk done                   | by t           | he W              | est F             | Ind St  | reet  | Railway (         | Co.  |
| 9,000 large p                                       |                       |                           |                |                   |                   |         |       |                   |      |
| · · ·                                               |                       |                           |                |                   |                   |         |       |                   |      |
| Phipps stre                                         | et, paye<br>walks rel | d with<br>aid, cr         | large<br>osswa | e gran<br>alks re | ite ble<br>elaid. | ocks, e | edge  | stones res        | set, |
| Labor .                                             |                       | •                         |                |                   |                   | •       |       | \$299             |      |
| Teaming                                             |                       | •                         | •              | •                 | •                 |         | •     | 78                |      |
| Gravel .                                            | • •                   |                           | ۰.             |                   | . •               | •       |       | 71                |      |
| 11.210 large                                        | paving-k              | olocks                    | •              | •                 | •                 | •       | •     | 755               |      |
| Teaming<br>Gravel .<br>11,210 large<br>2,000 paving | g-brick               | •                         | ۹              | •                 | •                 | ٠       | •     | 24                | 00   |
|                                                     |                       |                           |                |                   |                   |         |       | \$1,227           | 84   |
| Rutherford                                          | avenne                | . Devei                   | ns to          | Chap              | man s             | treet.  | pave  | d with la         | rø.e |
| granite blo<br>laid.                                | ocks, brid            | ek sidev                  | valks          | laid,             | edges             | tones   | reset | , crosswa         | lks  |
| Labor .                                             |                       |                           |                |                   | •                 |         |       | \$1,516           | 50   |
| Teaming                                             | •••                   | •                         |                |                   |                   | •       |       | 441               |      |
| Gravel .                                            |                       |                           | •              | •                 | •                 |         |       | 589               |      |
| Sand .                                              | • •                   | •                         | •              | •                 | •                 |         | •     | 27                | 90   |
| Sand .<br>Advertising 54,034 large                  | • • •                 |                           | •              | •                 | •                 | •       | •     | 18                | 00   |
| 54,034 large                                        | granite l             | olocks                    | •              | •                 | •                 | •       | •     | $3,701 \\ 108$    | 00   |
| 9,000 paving                                        | -orick .              | •                         | •              | •                 | •                 |         | •     | 100               | 00   |
|                                                     |                       |                           |                |                   |                   |         |       | \$6,403           | 09   |
| Thompson<br>walks relat                             | street,               | macada<br>rs payo         | umize          | d, ed             | gesto             | nes re  | set,  | brick si          | de-  |
| Labor .                                             |                       | -> pure                   |                |                   |                   |         |       | \$161             | 00   |
| Teaming                                             |                       |                           |                |                   |                   |         |       | 4.6               |      |
| Gravel .                                            |                       |                           |                |                   |                   |         |       | 41                |      |
| 1,500 paving                                        | -brick .              |                           |                |                   |                   |         |       | 18                | 00   |
|                                                     |                       |                           |                |                   |                   |         |       | \$267             | 18   |
| Work done                                           | by the Se             | wer Di                    | visio          | 11                |                   |         |       | \$1.173           | 50   |
| TOTAL COLO                                          | 5 010 50              |                           |                |                   |                   |         |       |                   |      |

# STREET IMPROVEMENTS, ALDERMANIC DISTRICT No. 3.

| Chambers    |         |        |        |        |       |       |           |      |            |            |
|-------------|---------|--------|--------|--------|-------|-------|-----------|------|------------|------------|
| paved w     | ith lar | ge g   | ranite | e blo  | ocks, | edges | stones    | set, | brick side | <b>9</b> - |
| walks la    | id, ere | osswa  | lks l  | aid.   |       |       |           |      |            |            |
| Labòr .     |         |        |        |        |       |       | •         |      | \$1,687 7  | 4          |
| Teaming     |         |        | •      |        |       | •     |           |      | $949 \ 5$  | -          |
| Gravel .    |         | •      |        |        |       | •     |           | •    | $372\ 4$   |            |
| Sand .      |         |        |        |        |       |       |           |      | $45 \ 0$   |            |
| Lumber .    |         |        |        |        |       |       |           | •    | 12 2       |            |
| Advertising |         |        |        |        |       |       |           |      | 6 0        | -          |
| 243.5 feet. | of flag | ging   | •      | •      | •     | •     | •         | •    | 219 1      |            |
| 621 feet ed |         |        |        |        |       |       |           |      | 432 7      |            |
| 35,650 larg |         |        |        |        |       |       |           |      | 2,377 8    |            |
| 33,500 pavi | ng-bri  | ek     | •      | •      | •     | •     | •         | •    | 418 7      | 9          |
|             |         |        |        |        |       |       |           |      |            |            |
|             |         |        |        |        |       |       |           |      | \$6,521 3  | 5          |
| Amount p    | aid ou  | t of   | Stre   | et I   | mprov | ∕e-   |           |      |            |            |
| ments, A    | Iderm   | anic l | Distri | ict N  | 0.3   | . \$  | 1,038     | 80   |            |            |
| Amount p    |         |        |        |        |       |       |           |      |            |            |
| ments, W    | /ard 8  | •      | •      |        | •     |       | $5,\!482$ | 55   |            |            |
|             |         |        |        |        |       | -     |           |      | \$6,521 8  | 35         |
|             |         |        |        |        |       |       |           |      | -          |            |
| Work done   | e by th | e Sew  | ver D  | ivisio | on.   | •     |           | •    | \$77 1     | 8          |

### STREET IMPROVEMENTS, ALDERMANIC DISTRICT No. 4.

| Court Square, asphalted on a concrete base.   |         |    |
|-----------------------------------------------|---------|----|
| Labor                                         | \$173   | 20 |
| Teaming                                       | 130     | 00 |
| Amount paid to Barber Asphalt Paving          |         |    |
| Co., 1,020.7 sq. yds. Trinidad asphalt        |         |    |
| paving, at \$2.25 \$2,296 58                  |         |    |
| 1,222.5 cu. ft. asphalt concrete binder, at   |         |    |
| 32.1  cts.                                    |         |    |
|                                               | 2,689   | 00 |
|                                               |         |    |
|                                               | \$2,992 | 20 |
| Amount paid out of Street Improve-            | , í     |    |
| ments, Aldermanic District No. 4 . \$2,457–35 |         |    |
| Amount paid out of Street Improve-            |         |    |
| ments, Wards 9 and 10                         |         |    |
| Amount paid out of Street Improve-            |         |    |
| ments, Ward 10                                |         |    |
|                                               | \$2,992 |    |

| Harrison avenue, Essex to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ) Beac                                          | h str   | eet, g                              | rade                                  | d, widened,                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------|-------------------------------------|---------------------------------------|----------------------------------------------------------------------------------|
| paved with large granite blo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ocks, pa                                        | artly o | on a co                             | ncret                                 | te and partly                                                                    |
| on a gravel base, with pito                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | eh joint                                        | s; ed   | gestone                             | e res                                 | et, sidewalks                                                                    |
| laid and relaid, crosswalks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | relaid.                                         | -       |                                     |                                       |                                                                                  |
| Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |         |                                     |                                       | \$2,148 61                                                                       |
| (T)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |         |                                     |                                       | 871 00                                                                           |
| Teaming<br>Gravel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |         |                                     | ÷                                     | 306 60                                                                           |
| Pebbles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |         |                                     | Ż                                     | $\begin{array}{ccc}122&51\end{array}$                                            |
| Pebbles<br>Masonry<br>Fuel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |         |                                     |                                       | 126 00                                                                           |
| Fnel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |         |                                     |                                       | 12 75                                                                            |
| Templets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |         |                                     |                                       | 38 82                                                                            |
| Templets.Advertising.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |         |                                     |                                       | 41 00                                                                            |
| Advertising .<br>6,115 paving-brick .<br>7,404 gallons road-pitch $16\frac{5}{12}$ feet circular edgestone                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |         |                                     |                                       | $\overline{79}$ 50                                                               |
| 7.404 gallons road-pitch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 | •       |                                     |                                       | 666 36                                                                           |
| 16 <sup>5</sup> feet circular edgestone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |         |                                     |                                       | 21 34                                                                            |
| $91\frac{10}{12}$ feet straight edgestone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |         |                                     | ÷                                     | 59 80                                                                            |
| 15 582 largo naving-blooks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |         |                                     |                                       | 1,039 39                                                                         |
| 165.7 cu. yds. concrete base                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •••                                             |         |                                     |                                       | 828 50                                                                           |
| 182 feet of flagging .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |         |                                     |                                       | 134 62                                                                           |
| 102 1000 01 mm58.mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 | •       | •                                   | ·                                     | 101 01                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |         |                                     |                                       | #a 10 a 00                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | - <b>-</b>                                      |         |                                     |                                       | \$6,496 80                                                                       |
| Amount paid out of Street<br>ments, Aldermanic District                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | t_Impr                                          | ove-    | 2200                                | 20                                    |                                                                                  |
| ments, Aldermanic District                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No. 4                                           | •       | \$308                               | 20                                    |                                                                                  |
| Amount paid out of Street                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Impr                                            | ove-    |                                     |                                       |                                                                                  |
| ments, Wards 9 and 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |         |                                     |                                       |                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | • •                                             | •       | $6,\!188$                           | 60                                    |                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | •••                                             |         | 6,188                               | 60<br>                                | \$6,496 80                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | •••                                             | •       | 6,188                               | 60                                    | \$6,496 80                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |         |                                     | 60                                    | \$6,496 80                                                                       |
| Mason street, asphalted over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |         |                                     | 60                                    |                                                                                  |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |         |                                     | 60<br>                                | \$157 84                                                                         |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  |                                     |                                       | $\$157 84 \\ 24 00$                                                              |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  |                                     |                                       | $\$157\ 84\ 24\ 00\ 7\ 94$                                                       |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  | ones.                               |                                       | $\$157\ 84\ 24\ 00\ 7\ 94\ 9\ 10$                                                |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  | ones.                               |                                       | \$157 84 24 00 7 94 9 10 14 00                                                   |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  | ones.                               |                                       | \$157 84 24 00 7 94 9 10 14 00                                                   |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  | ones.<br>•<br>•<br>•<br>•<br>•      |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27                     |
| Mason street, asphalted over<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | old col                                         | oblest  | ones.<br>•<br>•<br>•<br>•<br>•<br>• |                                       | $\$157\ 84\ 24\ 00\ 7\ 94\ 9\ 10$                                                |
| Mason street, asphalted overLabor.Teaming.Templets.Gravel.Masonry.1,550 paving-brick. $117\frac{4}{12}$ feet edgestone1 large and 1 small cornerAmount paid to H. Gore &                                                                                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br>             | oblest  | ones.<br>•<br>•<br>•<br>•<br>•      |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27                     |
| Mason street, asphalted over<br>Labor<br>Teaming<br>Templets<br>Gravel<br>Masonry<br>1,550 paving-brick .<br>$117_{12}^{-12}$ feet edgestone .<br>1 large and 1 small corner<br>Amount paid to H. Gore &<br>479.8 sq. yds. Sicilian rock                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br><br><br><br> | oblest  | ones.                               |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27                     |
| Mason street, asphalted over<br>Labor<br>Teaming<br>Templets<br>Gravel<br>Masonry<br>1,550 paving-brick .<br>$117_{12}^{-12}$ feet edgestone .<br>1 large and 1 small corner<br>Amount paid to H. Gore &<br>479.8 sq. yds. Sicilian rock                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br><br><br><br> | oblest  | ones.                               |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27                     |
| Mason street, asphalted over<br>Labor<br>Teaming<br>Templets<br>Gravel<br>Masonry<br>1,550 paving-brick .<br>$117_{12}^{-12}$ feet edgestone .<br>1 large and 1 small corner<br>Amount paid to H. Gore &<br>479.8 sq. yds. Sicilian rock                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br><br><br><br> | oblest  | ones.                               |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27                     |
| Mason street, asphalted overLabor.Teaming.Templets.Gravel.Masonry.1,550 paving-brick. $117\frac{4}{12}$ feet edgestone1 large and 1 small cornerAmount paid to H. Gore &                                                                                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br><br><br><br> | oblest  | ones.                               |                                       | $\$157\ 84\ 24\ 00\ 7\ 94\ 9\ 10\ 14\ 00\ 20\ 15\ 76\ 27$                        |
| Mason street, asphalted over<br>Labor<br>Teaming<br>Templets<br>Gravel<br>Masonry<br>1,550 paving-brick .<br>$117_{12}^{-12}$ feet edgestone .<br>1 large and 1 small corner<br>Amount paid to H. Gore &<br>479.8 sq. yds. Sicilian rock                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br><br><br><br> | oblest  | ones.                               |                                       | $\$157\ 84\ 24\ 00\ 7\ 94\ 9\ 10\ 14\ 00\ 20\ 15\ 76\ 27\ 8\ 95$                 |
| Mason street, asphalted over<br>Labor<br>Teaming<br>Templets<br>Gravel<br>Masonry<br>1,550 paving-brick .<br>$117_{12}^{-12}$ feet edgestone .<br>1 large and 1 small corner<br>Amount paid to H. Gore &<br>479.8 sq. yds. Sicilian rock                                                                                                                                                                                                                                                                                                    | old col<br><br><br><br><br><br><br><br><br><br> | oblest  | ones.                               |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27<br>8 95<br>1,216 79 |
| Mason street, asphalted over<br>Labor<br>Teaming<br>Templets<br>Gravel<br>Masonry<br>1,550 paving-brick .<br>$117\frac{4}{12}$ feet edgestone .<br>I large and I small corner<br>Amount paid to H. Gore &<br>479.8 sq. yds. Sicilian rock $$2.25Extra work as ordered$                                                                                                                                                                                                                                                                      | old col<br><br><br><br><br>Co. :<br>asphal<br>  | bblest: | ones.                               |                                       | $\$157\ 84\ 24\ 00\ 7\ 94\ 9\ 10\ 14\ 00\ 20\ 15\ 76\ 27\ 8\ 95$                 |
| Mason street, asphalted overLabor.Teaming.Templets.Gravel.Masonry.1,550 paving-brick117 $\frac{1}{12}$ feet edgestone1 large and 1 small cornerAmount paid to H. Gore &479.8 sq. yds. Sicilian rock $\$2.25$ .Extra work as ordered.                                                                                                                                                                                                                                                                                                        | old col<br><br><br><br>Co. :<br>asphal          | oblest  | ones.                               | · · · · · · · · · · · · · · · · · · · | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27<br>8 95<br>1,216 79 |
| Mason street, asphalted over         Labor       .         Teaming       .         Templets       .         Gravel       .         Masonry       .         1,550 paving-brick       .         117 $\frac{1}{12}$ feet edgestone       .         1 large and 1 small corner       .         Amount paid to H. Gore &       .         479.8 sq. yds. Sicilian rock       .         \$2.25       .         Extra work as ordered       .         Amount paid out of Street ments, Aldermanic District                                          | old col<br><br><br><br><br>Co. :<br>asphal      | oblest  | ones.                               | · · · · · · · · · · · · · · · · · · · | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27<br>8 95<br>1,216 79 |
| Mason street, asphalted over         Labor       .         Teaming       .         Templets       .         Gravel       .         Masonry       .         1,550 paving-brick       .         117 <sub>12</sub> feet edgestone       .         1 harge and 1 small corner       .         Amount paid to H. Gore &       .         479.8 sq. yds. Sicilian rock       .         \$2.25       .         Extra work as ordered       .         Amount paid out of Street         ments, Aldermanic District         Amount paid out of Street | old col<br><br><br><br>Co. :<br>asphal          | t, at   | ones.                               |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27<br>8 95<br>1,216 79 |
| Mason street, asphalted over         Labor       .         Teaming       .         Templets       .         Gravel       .         Masonry       .         1,550 paving-brick       .         117 $\frac{1}{12}$ feet edgestone       .         1 large and 1 small corner       .         Amount paid to H. Gore &       .         479.8 sq. yds. Sicilian rock       .         \$2.25       .         Extra work as ordered       .         Amount paid out of Street ments, Aldermanic District                                          | old col<br><br><br><br>Co. :<br>asphal          | t, at   | ones.                               |                                       | \$157 84<br>24 00<br>7 94<br>9 10<br>14 00<br>20 15<br>76 27<br>8 95<br>1,216 79 |

| <b>Pemberton</b> squar | e, graded, | asphalted on a  | concrete base, gran- |
|------------------------|------------|-----------------|----------------------|
| olithic sidewalks      | laid, new  | edgestones set, | crosswalks laid.     |

| onenio or               |         |         | ,       |        |         |        | ,     |    |           |    |
|-------------------------|---------|---------|---------|--------|---------|--------|-------|----|-----------|----|
| Labor .                 |         |         |         |        |         |        |       |    | \$1,555   | 52 |
| Teaming                 |         |         |         |        | •       | •      | •     | •  | 1,020     | 50 |
| Gravel .                |         |         |         |        |         |        |       |    | 41        | 30 |
| Templets                |         | •       |         |        | •       |        |       | •  | 12        | 10 |
| 5,000 large             | paving  | g-bloc  | eks     |        | •       | •      | •     | •  | 333       | 50 |
| $46\frac{8}{12}$ feet e | dgesto  | ne      |         |        |         | •      |       |    | 106       | 79 |
| Amount                  |         |         |         |        |         |        |       | :  |           |    |
| 227.9-cu. y             | ds. cer | nent    | coner   | ete ba | nse, a  | it \$5 |       |    | $1,\!139$ | 50 |
| Amount                  |         |         |         |        |         |        |       |    |           |    |
| 1,373 sq. y             | ds. Sie | ilian   | rock    | aspha  | ilt, ai | \$2.2  | 5 %.  |    | 3,089     | 25 |
| Amount                  | paid to | o Sim   | pson    | Bros.  | :       |        |       |    |           |    |
| 4,360.7 sq.             | yds. a  | rtifici | ial sto | one si | dewa    | lk, at | 25 ct | s. | 1,090     | 17 |
| Amount                  | paid to | ) Jam   | es G    | rant d | & Co.   | :      |       |    |           |    |
| 226 sq. yds             |         |         |         |        |         |        |       |    |           |    |
| at 90 ets               |         |         |         | •      |         |        | \$203 | 40 |           |    |
| 27 sq. yds.             | crossv  | valks   | laid,   | at 9   | 0 ets   |        | 24    | 30 |           |    |
| 28 feet edg             | estone  | set,    | at 8 d  | ets.   |         |        | 2     | 24 |           |    |
| Labor, and              | mater   | ial fu  | rnish   | ed in  | setti   | ng     |       |    |           |    |
| edgeston                | e and s | steps   |         |        |         | •      | 315   | 85 |           |    |
| U                       | •       | -       |         |        |         |        |       |    | 545       | 79 |
|                         |         |         |         |        |         |        |       |    |           |    |
|                         |         |         |         |        |         |        |       |    | \$8,934   | 42 |
| Amount pa               |         |         |         |        |         |        |       |    |           |    |
| Alderma                 | nie Dis | strict  | No.     | 4.     |         | . \$   | 7,034 | 66 |           |    |
| Amount pa               |         |         |         |        |         |        |       |    |           |    |
| Wards 9                 | and 1   | 0       |         |        |         |        | 1,899 | 76 |           |    |
|                         |         |         |         |        |         |        |       |    | \$8,934   | 42 |
|                         |         |         |         |        |         |        |       |    |           |    |

Washington street, Essex to Kneeland street, paved with large granite blocks on a concrete base, edgestone reset, side-walks relaid, crosswalks laid.

| Labor .                     |                     |              |                |         |        |        |       |    | \$2,946    | 50           |
|-----------------------------|---------------------|--------------|----------------|---------|--------|--------|-------|----|------------|--------------|
| Teaming                     |                     |              |                |         |        |        |       |    | 1,558      | 00           |
| Gravel .                    |                     |              |                |         |        |        |       |    | 339        | 10           |
| Templets                    |                     |              |                |         |        |        |       |    | 26         | <b>27</b>    |
| Sundries                    |                     |              |                |         |        |        |       |    | 89         |              |
| 1,620 feet of               |                     |              |                |         |        |        |       | •  | 1,296      | 00           |
| $53\frac{11}{12}$ feet cire |                     |              |                |         |        |        |       |    | 70         | 09           |
| 219 ft. straig              | ht ed               | gestoi       | )e             |         |        |        |       | •  | 142        |              |
| 1 large corne               |                     |              |                |         |        |        |       | •  | 5          |              |
| 10,500 pavin                |                     |              |                |         |        |        |       |    | 131        |              |
| 52,825 large                | grani               | te blo       | $\mathbf{cks}$ | •       |        |        | •     |    | $^{3,523}$ |              |
| 1,290 sq. yds               | s. blo              | ek pav       | ving r         | emov    | ed     |        |       | •  | 185        | 35           |
| Amount pa                   | aid to              | Metr         | opolit         | an Co   | onstru | etion  | Co. : |    |            |              |
| 371.8 eu. yds               | s. cen              | ent e        | oncre          | te bas  | e at 🖇 | \$5.00 | •     | •  | 1,859      | $00^{\circ}$ |
| Amount pa                   | uid to              | <b>H</b> . G | ore &          | c Co. : |        |        |       |    |            |              |
| 2,221.8 sq.                 | yds.                | bloc         | ek pa          | ving,   | pitel  | a      |       |    |            |              |
| joints, at 9                | $00  \mathrm{cts}.$ |              | •              | •       | •      | . \$1, | 999   | 62 |            |              |
|                             |                     |              |                |         |        |        |       |    |            |              |
| Carried                     | forwa               | rd,          |                |         |        | \$1.   | ,999  | 62 | \$12,172   | 38           |

| Duought formula                                                | ė1 000     | 6.5 | 010 1 <b>5</b> 0 | 9.0        |
|----------------------------------------------------------------|------------|-----|------------------|------------|
| Brought forward,<br>1,095 sq. yds. block paving, pitch joints, | \$1,999    | 62  | \$12,172         | 99         |
| at \$1.25                                                      | 1,368      | 75  |                  |            |
| 265.7 sq. yds. block paving, pitch joints,                     | 1,000      | ••• |                  |            |
| at 90 cts                                                      | 239        | 13  |                  |            |
| 56.8 sq. yds. block paving, gravel joints,                     |            |     |                  |            |
| at 25 cts. :                                                   | 14         | 20  |                  |            |
| bb3.6 It. edgestone set at 8 cts                               | 40         | 09  |                  |            |
| 360 sq. yds. brick paving at 18 cts.                           | 64         | 80  | 0 501            | 20         |
|                                                                |            |     | 3,731            | 59         |
| •                                                              |            |     | \$15,903         | 97         |
| Less amount paid by J. H. Pray's Sons                          |            |     | <i>\\</i> 10,000 | 0.         |
| & Co                                                           | 63         | 00  |                  |            |
| & Co.<br>Less amount paid by West Eud Street                   |            |     |                  |            |
| Railway Co                                                     | 4,999      | 17  |                  |            |
|                                                                |            |     | 5,062            | 17         |
|                                                                |            |     | ¢10.041          | 00         |
| Amount paid out of Street Improvements,                        |            |     | \$10,841         | <u>8</u> 0 |
| Aldermanic District No. 4                                      | \$3.276    | 75  |                  |            |
| Amount paid out of Street Improvements,                        |            | .0  |                  |            |
| Ward 10                                                        |            | 80  |                  |            |
| Amount paid out of Street Improvements,                        | ·          |     |                  |            |
| Wards 9 and 10                                                 | $^{3,378}$ | 25  |                  |            |
|                                                                |            |     | \$10,841         | 80         |
| Wark done by the Sower Division                                |            |     | \$479            | 41         |
| Work done by the Sewer Division                                | •          | •   | 9419             | 41         |

# STREET IMPROVEMENTS, ALDERMANIC DISTRICT NO. 5.

| Harcourt st   | treet, | retai  | ining  | -wall  | built. |    |       |    |         |    |
|---------------|--------|--------|--------|--------|--------|----|-------|----|---------|----|
| Labor and in  | ispect | ion    |        |        |        |    |       |    | \$160   | 00 |
| Advertising   | •      |        | •      |        |        |    |       |    | 22      | 88 |
| Sundries      |        |        |        |        |        |    |       |    | 2       | 50 |
| Amount p      |        |        |        |        |        |    |       |    |         |    |
| Building reta | aining | -wall  | , as ] | per co | ontrac | t. |       |    | 1,974   | 00 |
|               |        |        |        |        |        |    |       |    |         |    |
|               |        |        |        |        |        |    |       |    | \$2,159 | 38 |
| Amount paid   |        |        |        |        |        |    |       |    |         |    |
| Aldermani     | c Dist | riet ] | No F   |        |        |    | \$445 | 48 |         |    |

| Aldermanic District No. 5<br>Amount paid out of Paving Division | • | \$445 48<br>1,713 90 |            |
|-----------------------------------------------------------------|---|----------------------|------------|
|                                                                 |   |                      | \$2,159-38 |
| Work done by the Sewer Division.                                |   | • •                  | \$92 34    |

#### STREET IMPROVEMENTS, ALDERMANIC DISTRICT NO. 6.

| Ash street (work not fin<br>Amount paid to H. Gord                                                                              | ished).<br>e & Co. | :        |             |                       |                                          |      |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-------------|-----------------------|------------------------------------------|------|
| 5 hours labor, stone-cutter                                                                                                     | . at \$4.          | 50       |             |                       | \$2                                      | 50   |
| -3 000 naving brick, at \$12                                                                                                    | .50 .              |          |             |                       | 37                                       | 50   |
| 71 sq. yds. cobblestone pa                                                                                                      | ving lai           | d. at 5  | 0 ets.      |                       | 35                                       | 50   |
| 415 feet edgestone reset.                                                                                                       | at 15 ets          |          |             |                       | 62                                       | 25   |
| 415 feet edgestone reset, a<br>236 sq. yds. brick paving                                                                        | relaid, a          | t 43 et  | s           |                       | 101                                      |      |
| 200 sq. Just brick paring .                                                                                                     | i citara, a        | 10 10 00 |             | ·                     |                                          |      |
|                                                                                                                                 |                    |          |             |                       | \$239                                    |      |
| Essex street, Chauncy to                                                                                                        | South a            | street.  | Paved v     | $\operatorname{vith}$ | large grau                               | ite  |
| blocks on gravel, par                                                                                                           | tly with           | n pitch  | , and pa    | rtly                  | with gra                                 | vel  |
| joints. Widened, grad                                                                                                           | .ed,_ edg          | restone  | reset, s    | sidev                 | valks rela                               | uid, |
| crosswalks laid.                                                                                                                |                    |          |             |                       |                                          |      |
|                                                                                                                                 |                    |          |             |                       | \$2,613                                  | 56   |
| Tooming                                                                                                                         |                    |          |             |                       | 2 636                                    | 22   |
| Gravel                                                                                                                          |                    |          |             |                       | 718                                      | 96   |
| Masonry                                                                                                                         |                    |          |             |                       | 377                                      |      |
| Gravel .<br>Masonry .<br>$43\frac{11}{12}$ feet circular edgeston $71\frac{8}{12}$ feet straight edgeston $40.700$ naving brick | 1e .               |          |             |                       | 57                                       |      |
| $71^{8}$ feet straight edgestor                                                                                                 | ie and 2           | sinall   | corners     |                       | 53                                       | 28   |
| 40.700 paying brick                                                                                                             | ic and 2           | Sintan   | corners     |                       | $\begin{array}{c} 53 \\ 508 \end{array}$ | 75   |
| 504 5 foot flogging                                                                                                             | •                  | •        | • •         | •                     | 429                                      | 88   |
| 40,700 paving brick<br>594.5 feet flagging .<br>19,175 large granite blocks<br>Amount paid to A. A. I                           | •                  | •        | •••         | •                     | $429 \\ 1,278$                           | 97   |
| 19,175 large granite block                                                                                                      | 5 .<br>            | Ċ.       | • •         | •                     | 1,210                                    | 01   |
| Amount paid to A. A. I                                                                                                          |                    | 00.:     |             |                       |                                          |      |
| 1,698 sq. yds. block pavin                                                                                                      | g, piten           | joints   | ,<br>#1 FOO | 20                    |                                          |      |
| at 90 cts                                                                                                                       | •                  | • - •    | \$1,528     | 20                    |                                          |      |
| 497 feet edgestone set, at                                                                                                      | 8 cts.             | •        | . 39        | 76                    |                                          |      |
| 41 sq. yds. brick paving la                                                                                                     | aid, at 1          | 8 cts.   | . 7         | 38                    |                                          |      |
| 68 sq. yds. flagging crossw                                                                                                     | valks laio         | d, pitel | 1           | ~ ~                   |                                          |      |
| joints, at 90 cts.<br>1,256 sq. yds. block paving                                                                               | •                  | •        | . 61        | 20                    |                                          |      |
| 1,256 sq. yds. block paving                                                                                                     | g, gravel          | joints   | ,           |                       |                                          |      |
| at 25 cts                                                                                                                       |                    |          | . 314       | 00                    |                                          |      |
| 6 sq. yds. brick paving, h                                                                                                      | erring-t           | one, a   | t           |                       |                                          |      |
| 36.1 cts.                                                                                                                       |                    |          | . 2         | 17                    |                                          |      |
|                                                                                                                                 |                    |          |             |                       | 1,952                                    | 71   |
| Amount paid to Doherty                                                                                                          | v & O'L            | eary :   |             |                       |                                          |      |
| 1.442 sq. vds. block pavin                                                                                                      | g. pitch           | ioints   | •           |                       |                                          |      |
| at 90 cts.                                                                                                                      |                    |          | . \$1,297   | 80                    |                                          |      |
| at 90 cts                                                                                                                       | 8 ets.             |          | . 52        | 16                    |                                          |      |
| 531 sq. yds. brick paving,                                                                                                      | at 18 c            | ts.      | . 95        | 58                    |                                          |      |
| 70 sq. yds. flagging crossing                                                                                                   | os, nitch          | ioints   |             |                       |                                          |      |
| at 90 etc                                                                                                                       | So, proor          | Jointee  | . 63        | 00                    |                                          |      |
| at 90 cts                                                                                                                       | aving 4            | at 25e   | . 1         | 75                    |                                          |      |
| 1 sq. yus. counte-stone rep                                                                                                     | aving, a           |          | , _         |                       | 1,510                                    | 29   |
|                                                                                                                                 |                    |          |             |                       |                                          |      |
| •                                                                                                                               |                    |          |             |                       | \$12,136                                 | 71   |
| Essex and Lincoln stre                                                                                                          | eets, (E           | Burnt d  | istrict).   |                       |                                          |      |
| Amount paid to A. A. I                                                                                                          | Ellston:           |          |             |                       |                                          |      |
| Taking down walls, as per                                                                                                       | r contra           | et       | • •         | •                     | \$1,455                                  | 00   |

| Found            | ry st  | reet, | Divi   | sion t | οW.    | Four  | th str | eet.  | Pave | d with large   |
|------------------|--------|-------|--------|--------|--------|-------|--------|-------|------|----------------|
| grani            | te ble | ocks. | W      | ork d  | one b  | y the | Broo   | kline | Gas  | Light Co.      |
| Labor            |        |       |        |        |        |       |        |       |      | \$7 87         |
| Teamin           | g      |       | •      |        |        |       |        |       |      | 252 00         |
| Teamin<br>37,495 | large  | gran  | ite bl | ocks   | •      |       |        |       |      | 2,500 92       |
|                  |        |       |        |        |        |       |        |       |      |                |
|                  |        |       |        |        |        |       |        |       |      | \$2,760 79     |
| Tufts :          | stree  | t.    |        |        |        |       |        |       |      |                |
| Labor            |        |       |        |        |        |       |        |       |      | \$240 35       |
| Labor<br>Teamin  | g      | •     | •      | •      |        | •     |        | •     |      | $104 \ 00$     |
|                  |        |       |        |        |        |       |        |       |      | \$344 35       |
|                  |        |       |        |        |        |       |        |       |      | <b>Q044 00</b> |
| Work d           | lone   | by th | e Bri  | dge D  | ivisio | n.    |        | •     |      | \$6,586 70     |
|                  |        |       |        |        |        |       |        |       |      | -              |
|                  |        |       |        |        |        |       |        |       |      |                |

# STREET IMPROVEMENTS, ALDERMANIC DISTRICT No. 7.

Boston street, Andrew square to Mt. Vernon street. Macadamized.

| Labor       \$2,076 61         Teaming       523 50         Gravel       53 50         Stone       53 50         Stone       6,251 97         1,420 small blocks       75 26         500 paving-brick       6 50         Crossing-blocks       325 00         Rolling       325 00         Advertising       11 00         \$9,798 34         Amount paid out of Street Improvements, Aldermanic District No. 7       \$3,130 77         Amount paid out of Street Improvements, Ward 15       6,667 57         \$9,798 34         Work done by the Sewer Division       \$215 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |       |      |       |        |      |      |       |    |           |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|------|-------|--------|------|------|-------|----|-----------|----------|
| Gravel       53 50         Stone       53 50         Stone       6,251 97         1,420 small blocks       75 26         500 paving-brick       75 26         500 paving-brick       6 50         Crossing-blocks       325 00         Rolling       11 00         Advertising       11 00         \$9,798 34         Amount paid out of Street Improve-         ments, Aldermanic District No. 7       \$3,130 77         Amount paid out of Street Improve-         ments, Ward 15       6,667 57         \$9,798 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Labor .      |       |      |       |        |      |      |       |    | \$2,076 6 | 1        |
| Stone       .       .       6,251 97         1,420 small blocks       .       .       75 26         500 paving-brick       .       .       .         Crossing-blocks       .       .       .         Crossing-blocks       .       .       .         Rolling       .       .       .       .         Advertising       .       .       .       .         Advertising       .       .       .       .       .         Advertising       .       .       .       .       .       .         Advertising       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                          | Teaming      |       |      |       |        |      |      |       |    | 523 5     | 0        |
| 1,420 small blocks       75 26         500 paving-brick       6 50         Crossing-blocks       325 00         Rolling       475 00         Advertising       11 00         \$9,798 34         Amount paid out of Street Improve-<br>ments, Aldermanic District No. 7       \$3,130 77         Amount paid out of Street Improve-<br>ments, Ward 15       6,667 57         \$9,798 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Gravel .     | •     |      |       |        |      |      |       |    | $53 \ 5$  | 0        |
| 500 paving-brick       6 50         Crossing-blocks       325 00         Rolling       475 00         Advertising       11 00         Advertising       11 00         \$9,798 34         Amount paid out of Street Improve-<br>ments, Aldermanic District No. 7       \$3,130 77         Amount paid out of Street Improve-<br>ments, Ward 15       6,667 57         \$9,798 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Stone .      |       |      |       |        |      |      |       |    | 6,251 9   | 17       |
| Crossing-blocks       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                       | 1,420 small  | block | в.   |       |        |      |      |       |    | 75 2      | 26       |
| Rolling       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . </td <td>500 paving-</td> <td>brick</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><math>6 \ 5</math></td> <td>0</td> | 500 paving-  | brick |      |       |        |      |      |       |    | $6 \ 5$   | 0        |
| Advertising                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Crossing-blo | ocks  |      |       |        |      |      |       |    | 325 0     | 0        |
| Amount paid out of Street Improve-<br>ments, Aldermanic District No. 7 \$3,130 77<br>Amount paid out of Street Improve-<br>ments, Ward 15 6,667 57<br>\$9,798 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rolling      |       |      |       |        |      |      |       |    | $475 \ 0$ | 0        |
| Amount paid out of Street Improve-<br>ments, Aldermanic District No. 7 \$3,130 77<br>Amount paid out of Street Improve-<br>ments, Ward 15 6,667 57<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Advertising  |       |      |       |        |      |      |       | •  | 11 0      | 0        |
| Amount paid out of Street Improve-<br>ments, Aldermanic District No. 7 \$3,130 77<br>Amount paid out of Street Improve-<br>ments, Ward 15 6,667 57<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ũ            |       |      |       |        |      |      |       |    |           |          |
| ments, Aldermanic District No. 7 \$3,130 77<br>Amount paid out of Street Improve-<br>ments, Ward 15 6,667 57<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |       |      |       |        |      |      |       |    | \$9,798 3 | 4        |
| ments, Aldermanic District No. 7 \$3,130 77<br>Amount paid out of Street Improve-<br>ments, Ward 15 6,667 57<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Amount       | paid  | out  | of St | treet  | Impi | ove- |       |    |           |          |
| Amount paid out of Street Improve-<br>ments, Ward 15 6,667 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |       |      |       |        |      |      | 3,130 | 77 |           |          |
| ments, Ward 15 6,667 57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |       |      |       |        |      |      | ,     |    |           |          |
| Recently The second second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |       |      |       |        | -    |      | 6,667 | 57 |           |          |
| Work done by the Sewer Division                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |       |      |       |        |      | -    |       |    | \$9,798 3 | 4        |
| Work done by the Sewer Division                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |       |      |       |        |      |      |       |    | P         |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Work done    | by th | e Se | wer D | ivisio | n.   | •    | •     | •  | \$215 5   | <b>2</b> |

STREET IMPROVEMENTS, ALDERMANIC DISTRICT No. 8.

Albany street, at Massachusetts avenue. Repaved ; edgestones reset; sidewalks relaid.

| Labor                |        |   |  | \$1,414 | 72 |
|----------------------|--------|---|--|---------|----|
| Teaming              |        |   |  | 749     | 00 |
| Gravel               |        |   |  | 442     | 64 |
| 348 ft. flagging .   |        | • |  | 278     | 40 |
| 12,800 large paving- | blocks |   |  | 896     | 00 |
|                      |        |   |  |         |    |

\$3,810 76

| Brought forward,                            | \$3,810 76 |
|---------------------------------------------|------------|
| Amount paid out of Street Improve-          |            |
| Aldermanic District No. 8 \$2,057 45        |            |
| Amount paid out of Street Improve-          |            |
| ments, Wards 17 and 18                      |            |
| Amount paid out of Paving Division . 896 00 |            |
|                                             | \$3,810 76 |

Massachusetts avenue, Albany to Washington street. Work unfinished. Sicilian rock asphalt on a concrete base, edgestone reset, sidewalks relaid, granolithic sidewalks built in front of hospital buildings.

| Labor .                                                                                                                                                                                  |                                                                   |                                                      | Ŭ                                          |                                       |                                     |       |                                          |                                                                                                                                | \$1,341           | 93  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------|---------------------------------------|-------------------------------------|-------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|--|
|                                                                                                                                                                                          | •                                                                 | •                                                    | •                                          | •                                     | •                                   |       | •                                        | •                                                                                                                              | 678               |     |  |
|                                                                                                                                                                                          | •                                                                 | •                                                    | •                                          | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 260               |     |  |
| Gravel .                                                                                                                                                                                 | •                                                                 | •                                                    | •                                          | •                                     | •                                   | •     | •                                        | •                                                                                                                              | $\frac{200}{340}$ |     |  |
| Stone .                                                                                                                                                                                  | -                                                                 | •                                                    | •                                          | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 8                 |     |  |
| Advertising                                                                                                                                                                              |                                                                   |                                                      |                                            | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 189               |     |  |
| Sundries                                                                                                                                                                                 |                                                                   | •                                                    |                                            | •                                     | •                                   | •     | •                                        | •                                                                                                                              |                   |     |  |
| 262 ft. flaggi                                                                                                                                                                           |                                                                   |                                                      |                                            | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 209               |     |  |
| 688 ft. straig                                                                                                                                                                           |                                                                   |                                                      |                                            | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 447               |     |  |
| 104 ft. circu                                                                                                                                                                            | lar ed                                                            | gestor                                               | is                                         | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 135               |     |  |
| 7 large and :                                                                                                                                                                            | 2 smal                                                            | l corn                                               | ers                                        | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 45                |     |  |
| 1,000 large p                                                                                                                                                                            | paving                                                            | ;-block                                              | s                                          | •                                     | •                                   | •     | •                                        | •                                                                                                                              | 70                |     |  |
| 900 paving-b                                                                                                                                                                             | rick                                                              |                                                      | •                                          | •                                     |                                     | •     | •                                        | •                                                                                                                              | 11                | 70  |  |
| Amount paid to J. J. Sullivan:                                                                                                                                                           |                                                                   |                                                      |                                            |                                       |                                     |       |                                          |                                                                                                                                |                   |     |  |
| 876 cu. yds.                                                                                                                                                                             | earth                                                             | excav                                                | rated.                                     | , at 7                                | 5 cts.                              |       | \$657                                    | 00                                                                                                                             |                   |     |  |
| 566 sq. yds                                                                                                                                                                              | . cob                                                             | ble-st                                               | ones                                       | remo                                  | ved,                                | at    |                                          |                                                                                                                                |                   |     |  |
| 12.2 cts.                                                                                                                                                                                |                                                                   |                                                      |                                            |                                       | •                                   |       | 70                                       | 75                                                                                                                             |                   |     |  |
|                                                                                                                                                                                          |                                                                   |                                                      |                                            |                                       |                                     |       |                                          |                                                                                                                                | 727               | 75  |  |
|                                                                                                                                                                                          |                                                                   |                                                      | 1.                                         | a                                     |                                     |       | 0                                        |                                                                                                                                |                   | ••• |  |
| Amount p                                                                                                                                                                                 | aid to                                                            | Metro                                                | opolit                                     | an Co                                 | onstru                              | ictio | n Co.                                    | :                                                                                                                              |                   |     |  |
| 693 cu. yds.                                                                                                                                                                             |                                                                   |                                                      |                                            |                                       | , at                                | •     |                                          | 0.0                                                                                                                            |                   |     |  |
| \$5.00.                                                                                                                                                                                  | •                                                                 | •                                                    | •                                          | •                                     | •                                   | • \$1 | 3,465                                    | 00                                                                                                                             |                   |     |  |
| Extra work                                                                                                                                                                               | as ord                                                            | ered                                                 | •                                          | •                                     | •                                   | •     | 17                                       | 80                                                                                                                             |                   |     |  |
|                                                                                                                                                                                          |                                                                   |                                                      |                                            |                                       |                                     |       |                                          |                                                                                                                                | $-3,\!482$        | 80  |  |
| Amount p                                                                                                                                                                                 | aid to                                                            | H. G                                                 | ore '&                                     | z Co.                                 | :                                   |       |                                          |                                                                                                                                |                   |     |  |
| 525 sq. yds.                                                                                                                                                                             | Sicilia                                                           | n rock                                               | asph                                       | alt.a                                 | t \$2.2                             | 25 \$ | 1.181                                    | 25                                                                                                                             |                   |     |  |
| less 15%                                                                                                                                                                                 | retain                                                            | ed                                                   |                                            |                                       |                                     |       | 177                                      | 19                                                                                                                             |                   |     |  |
| 1655 10 70                                                                                                                                                                               | IC CALL                                                           | cu                                                   | •                                          | •                                     | •                                   | •     |                                          |                                                                                                                                | 1,004             | 06  |  |
|                                                                                                                                                                                          |                                                                   |                                                      |                                            | 10 1                                  |                                     |       | \$356                                    | 99                                                                                                                             | -,                |     |  |
| 1,979 ft. edg                                                                                                                                                                            | geston                                                            | e rese                                               | t, at                                      | 18 CU                                 | S.                                  |       | 0000                                     | 44                                                                                                                             |                   |     |  |
| 00 00 1100                                                                                                                                                                               | · · ·                                                             |                                                      |                                            |                                       | o ,                                 |       |                                          |                                                                                                                                |                   |     |  |
| 98 sq. yds. 1                                                                                                                                                                            | brick 1                                                           | paving                                               | ; laid,                                    | , at 4                                | 3 cts.                              |       | 42                                       | 14                                                                                                                             |                   |     |  |
| 221 sa. vds.                                                                                                                                                                             | brick 1<br>brick                                                  | pavin                                                | ig laid                                    | , at 4<br>d, at                       | 3 cts.<br>28 cts                    |       | 42                                       |                                                                                                                                |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd                                                                                                                                                              | brick J<br>brick<br>ls. fla                                       | pavin<br>gging                                       | ig laio<br>cros                            | , at 4<br>d, at<br>sing               | 3 cts.<br>28 cts<br>laid,           |       | $\begin{array}{c} 42\\ 61 \end{array}$   | $\frac{14}{88}$                                                                                                                |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd<br>40 cts.                                                                                                                                                   | brick  <br>brick<br>ls. fla                                       | pavin<br>gging<br>•                                  | ig laio<br>cros                            | , at 4<br>d, at<br>sing               | 3 cts.<br>28 cts<br>laid,           | at    | $\begin{array}{c} 42\\61\\24\end{array}$ | $\frac{14}{88}$                                                                                                                |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd<br>40 cts.                                                                                                                                                   | brick  <br>brick<br>ls. fla                                       | pavin<br>gging<br>•                                  | ig laio<br>cros                            | , at 4<br>d, at<br>sing               | 3 cts.<br>28 cts<br>laid,           | at    | $42 \\ 61 \\ 24 \\ 23 \\$                | 14<br>88<br>20<br>80                                                                                                           |                   |     |  |
| <ul> <li>221 sq. yds.</li> <li>60.5 sq. yd</li> <li>40 cts.</li> <li>68 sq. yds.</li> <li>10<sup>1</sup>/<sub>9</sub> days sto</li> </ul>                                                | brick J<br>brick<br>ls. fla<br>block<br>ne-cu                     | pavin<br>gging<br>paving<br>tter                     | ig laid<br>cros<br>g laid                  | , at 4<br>d, at<br>ssing<br>, at      | 3 cts.<br>28 cts<br>1aid,<br>35 cts | at    | $42 \\ 61 \\ 24 \\ 23 \\ 45$             | 14<br>88<br>20<br>80<br>25                                                                                                     |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd<br>40 cts.<br>68 sq. yds. 1<br>10 <del>1</del> days sto<br>3 <sup>3</sup> days labo                                                                          | brick  <br>brick<br>ls. fla<br>block<br>one-cu<br>or cem          | pavin<br>gging<br>paving<br>tter<br>enting           | ig laid<br>cros<br>g laid<br>g join        | , at 4<br>d, at<br>sing<br>, at<br>ts | 3 cts.<br>28 cts<br>1aid,<br>35 cts | at    | $42 \\ 61 \\ 24 \\ 23 \\ 45 \\ 6$        | $     \begin{array}{r}       14 \\       88 \\       20 \\       80 \\       25 \\       66 \\       \end{array} $             |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd<br>40 cts.<br>68 sq. yds. 1<br>10 <sup>1</sup> / <sub>9</sub> days sto<br>3 <sup>3</sup> / <sub>9</sub> days labo<br>2 <sup>1</sup> / <sub>9</sub> barrels A | brick j<br>brick<br>ds. fla<br>block<br>one-cu<br>or cem<br>meric | pavin<br>gging<br>paving<br>tter<br>enting<br>an cer | g laid<br>cros<br>g laid<br>g join<br>nent | , at 4<br>d, at<br>sing<br>, at<br>ts | 3 ets.<br>28 ets<br>laid,<br>35 ets | at    | $42 \\ 61 \\ 24 \\ 23 \\ 45 \\ 6 \\ 3$   | $     \begin{array}{r}       14 \\       88 \\       20 \\       80 \\       25 \\       66 \\       13 \\       \end{array} $ |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd<br>40 cts.<br>68 sq. yds. 1<br>10 <sup>1</sup> / <sub>9</sub> days sto<br>3 <sup>3</sup> / <sub>9</sub> days labo<br>2 <sup>1</sup> / <sub>9</sub> barrels A | brick j<br>brick<br>ds. fla<br>block<br>one-cu<br>or cem<br>meric | pavin<br>gging<br>paving<br>tter<br>enting<br>an cer | g laid<br>cros<br>g laid<br>g join<br>nent | , at 4<br>d, at<br>sing<br>, at<br>ts | 3 ets.<br>28 ets<br>laid,<br>35 ets | at    | $42 \\ 61 \\ 24 \\ 23 \\ 45 \\ 6$        | $     \begin{array}{r}       14 \\       88 \\       20 \\       80 \\       25 \\       66 \\       13 \\       \end{array} $ |                   |     |  |
| 221 sq. yds.<br>60.5 sq. yd<br>40 cts.<br>68 sq. yds. 1<br>10 <del>1</del> days sto<br>3 <sup>3</sup> days labo                                                                          | brick j<br>brick<br>ds. fla<br>block<br>one-cu<br>or cem<br>meric | pavin<br>gging<br>paving<br>tter<br>enting<br>an cer | g laid<br>cros<br>g laid<br>g join<br>nent | , at 4<br>d, at<br>sing<br>, at<br>ts | 3 ets.<br>28 ets<br>laid,<br>35 ets | at    | $42 \\ 61 \\ 24 \\ 23 \\ 45 \\ 6 \\ 3$   | $     \begin{array}{r}       14 \\       88 \\       20 \\       80 \\       25 \\       66 \\       13 \\       \end{array} $ | 693               | 83  |  |

Carried forward,

\$9,647 40

| Brought forward,                                                          |   | 0          |    | \$9,647 40  |
|---------------------------------------------------------------------------|---|------------|----|-------------|
| Amount paid to Simpson Bros. :<br>4,608 sq. ft. artificial stone sidewalk | • | •          | •  | 1,152 00    |
| Amount of Street Terrore                                                  |   |            |    | \$10,799 40 |
| Amount paid out of Street Improve-<br>ments, Aldermanic Dictrict No. 8 .  |   | \$7.529    | 93 |             |
| Amount paid out of Street Improve-                                        |   | * • )      |    |             |
| ments, Wards 17 and 18                                                    | • | $^{3,269}$ | 47 |             |
|                                                                           |   |            |    | \$10,799 40 |
| Work done by the Sewer Division .                                         | • | •          | •  | \$581 91    |

#### STREET IMPROVEMENTS, ALDERMANIC DISTRICT No. 9.

Brookline avenue, Longwood avenue to Bellevue street. Widened, graded, macadamized.

| Labor .   | • |  | • |  |   | \$349 | 60 |
|-----------|---|--|---|--|---|-------|----|
| Teaming   |   |  |   |  |   | 190   | 00 |
| Filling . |   |  | - |  | • | 416   | 50 |
| Stone .   |   |  |   |  |   | 766   | 50 |
| Rolling . |   |  |   |  |   | 180   | 00 |
| 0         |   |  |   |  |   |       |    |

\$1.902 60

Heath street, Tremont to Day street. Widened, graded, macadamized, edgestone set, brick sidewalks laid, sidewalks gravelled, crosswalks laid, fences built.

| Labor .                  |         |        |     |      |        |     |       |    | \$2,571 | 98 |
|--------------------------|---------|--------|-----|------|--------|-----|-------|----|---------|----|
| Teaming                  |         |        |     |      |        |     | •     |    | 2,250   | 50 |
| Gravel .                 |         |        |     |      |        |     |       |    | 2,864   |    |
| Sand .                   |         |        |     |      | •      |     |       |    | 543     |    |
| Stone .                  |         |        |     |      |        |     |       |    | 5,733   |    |
| Rolling .                |         |        |     |      |        |     |       |    | 220     |    |
| $181\frac{2}{12}$ feet c |         |        |     |      |        |     |       |    | 217     |    |
|                          |         |        |     |      |        |     |       |    |         |    |
| 1,155 feet s             |         |        |     |      |        |     |       | •  | 751     |    |
| 14 small cor             | ners    |        |     |      |        |     |       |    | 46      | 90 |
| 4,000 paving             |         |        |     |      |        |     |       |    | 50      | 00 |
| 1,000 large              |         |        |     |      |        |     |       |    | 70      | 00 |
| 4,327 small              |         |        |     |      |        |     |       |    | 53      | 38 |
| 161 feet flag            |         |        |     |      |        |     |       |    | 114     | 31 |
| Amount                   |         |        |     |      |        |     |       |    |         |    |
| 2,497 feet e             |         |        |     |      |        |     | \$199 | 76 |         |    |
|                          |         |        |     |      |        |     |       |    |         |    |
| 508 sq. yds.             |         |        |     |      |        |     | 141   | 00 |         |    |
| 1,193 sq. y              | ds. rou | ind-st | one | pavi | ng lai | id, |       |    |         |    |
| at 25 cts.               |         |        |     |      |        |     | 298   | 25 |         |    |
| 723 sq. yds.             |         |        |     |      |        |     | 130   | 14 |         |    |
| Extra labor              |         |        |     |      |        |     | 122   |    |         |    |
|                          | ,       |        |     |      |        |     |       |    | 877     | 65 |

011 00

\$16,365\_65

Sewall street. Graded, macadamized, edgestone set, brick sidewalks laid, gutters paved. Labor . \$269 19<sup>.</sup> Teaming 226 50 Gravel . 300 90 Sand . 97 20. . . Stone . . 108 90 . . . . . Rolling . . . . .  $382\frac{8}{12}$  feet edgestone . 40 00 . . . 248 73 . . . 4 small corners . . 13 40 7,500 paving-brick . . 93 75 Amount paid to Payson & Co.: 668 feet edgestone reset, at 8c. \$53 44  $52 \ 25$ 209 sq. yds. block paving laid, at 25c. 16.3 sq. yds. round paving laid, at 25c.4 07303 sq. yds. brick sidewalks laid, at 18c54 54 164 30 \_\_\_\_\_ \$1,562 87 Work done by the Sewer Division . . . \$4,225 75 STREET IMPROVEMENTS, ALDERMANIC DISTRICT NO. 11. Henshaw street (work done in 1893). 1,725 gutter-blocks . . . . \$48 30 Lagrange street, Washington to Centre street (unfinished work from 1893). Graded, macadamized, sidewalks gravelled, culverts built, fences built. Labor . \$2,378 40 • . Teaming 1,080 50 • Gravel . 1,287 36 . • \_ . Stone . 491 00 . . . 93 00 Powder and fuse . . • • Lumber . . 32 38 . . . . . Fuel . 2 33\$5.364 97 Sycamore street. Labor . . . \$46 00 .

Washington street, Lagrange street to Dedham line, graded, macadamized.

| Carried  | l foru | vard. |  |  |  | \$2,723 90 |
|----------|--------|-------|--|--|--|------------|
|          |        |       |  |  |  |            |
| Gravel . |        |       |  |  |  | 1,663 20   |
| Teaming  |        |       |  |  |  | 809 00     |
| Labor .  | •      |       |  |  |  | 251 70     |

| · OIREDI DEFAUSIENT INTRO DITATON | 1 | Street | DEPARTMENT - | PAVING | DIVISION. |
|-----------------------------------|---|--------|--------------|--------|-----------|
|-----------------------------------|---|--------|--------------|--------|-----------|

197

| Brought                  | forwa          | ard, |         |        |       |     |      |     | \$2,723 90 |
|--------------------------|----------------|------|---------|--------|-------|-----|------|-----|------------|
| Filling .                | •              | •    |         |        |       |     |      |     | 1,618 $35$ |
| Stone .                  | •              | •    | •       |        | •     | •   | •    | •   | 2,167 00   |
| Lumber .                 | •              | •    | •       | •      | •     | •   | •    | •   | 121 04     |
| Advertising              | •              | •    | •       | •      | •     | •   | •    | •   | 7 95       |
|                          |                |      |         |        |       |     |      |     | \$6,638 24 |
| Amount paid              |                |      |         |        |       |     |      |     |            |
| Aldermani                |                |      |         |        |       |     | ,549 | 07  |            |
| Amount paid              |                |      |         |        |       |     | 000  | 1 - |            |
| Wards 23                 | and 2          | D    | •       | •      | •     | . ð | ,089 | 17  | 0 000 01   |
|                          |                |      |         |        |       | _   |      | •   | 6,638 24   |
| Wilson squ               | 910            | Cone | orete s | idew   | alks  |     |      |     |            |
|                          |                |      |         |        |       |     |      | •   |            |
| Amount pa                |                |      |         |        | welle | ,   |      |     |            |
| 1162.3 sq. yo<br>at \$1. |                |      |         |        |       |     | 169  | 30  |            |
| 26.5 sq. yds             |                |      |         |        |       |     | ,102 | 50  |            |
| faced, at 6              |                |      |         |        |       |     | 17   | 99  |            |
| racea, ab o              | 00.            | •    | •       | •      | •     | •   |      |     | \$1,179 52 |
|                          |                |      |         |        |       |     |      |     |            |
| Work done                | b <b>y the</b> | Brid | ge Di   | vision | •     | •   | •    | •   | \$344 93   |
| Work done                | by the         | Sewe | er Div  | rision |       | •   | •    |     | \$2,013 20 |

## STREET IMPROVEMENTS, ALDERMANIC DISTRICT No. 12.

| Park street. | Macad     | amizi | ng.   |       |     |       |    |            |    |
|--------------|-----------|-------|-------|-------|-----|-------|----|------------|----|
| Labor .      |           |       |       |       |     |       |    | \$465      | 21 |
| Teaming      |           |       |       |       |     |       |    | 129        | 50 |
| 0 1          |           |       |       |       |     |       |    | 677        | 10 |
| Stone .      |           |       |       |       |     |       |    | $^{2,175}$ | 63 |
| Rolling      |           |       |       |       |     |       | •, | 170        | 00 |
| Paving .     |           |       |       |       |     | •     |    | 68         | 55 |
| Advertising  | • •       | •     | •     | •     | •   | •     | •  | 7          | 50 |
|              |           |       |       |       |     |       |    | \$3,693    | 49 |
| Amount paid  | out of    | Stre  | et I  | mprov | ze- |       |    | . ,        |    |
| ments, Alde  |           |       |       |       |     | 1,673 | 54 |            |    |
| Amount paid  | out of    | Stre  | et l  | mprov | re- | ,     |    |            |    |
| ments, War   |           |       |       |       |     | 1,576 | 10 |            |    |
| Amount paid  | ont of Pa | aving | Divis | sion  |     | 443   | 85 |            |    |
|              |           |       |       |       |     |       |    | \$3,693    | 49 |
| 147 1 1 1    |           | 1)    |       |       |     |       |    | 0.015      |    |

Work done by the Sewer Division . . . \$217 15

#### STREET IMPROVEMENTS, WARDS 1 AND 2.

New Edgestones, Sidewalks and Gutters.

| Teaming   |          |       |        |         |         |     | •     |    | \$409               | 50 |
|-----------|----------|-------|--------|---------|---------|-----|-------|----|---------------------|----|
| Gravel .  |          |       |        |         |         | •   |       |    | 748                 | 33 |
| Sand .    |          |       |        |         |         |     |       |    | 90                  | 00 |
| Paid to   | J. B.    | O'Roi | urke d | & Co.   | :       |     |       |    |                     |    |
| 1,397.4 s | sq. yds. | bloc  | k pa   | ving    | laid,   | at  |       |    |                     |    |
|           | •        |       |        |         |         |     | \$349 | 36 |                     |    |
| 1,186.7 s | q. yds.  | cobbl | e-stor | ie pav  | ving la | id, |       |    |                     |    |
| í at 25 c |          |       |        |         |         |     | 296   | 68 |                     |    |
| 206 days' |          |       |        |         |         |     | 414   | 57 |                     |    |
|           |          |       |        |         |         |     |       |    | 1,060               | 61 |
|           |          |       |        |         |         |     |       |    |                     |    |
|           |          |       |        |         |         |     |       |    | \$2.308             | 44 |
|           |          |       |        |         |         |     |       |    | States and a second |    |
| Work do   | one by t | he Se | wer D  | Divisio | on.     | •   | •     | •  | 2,791               | 92 |

## STREET IMPROVEMENTS, WARD 3.

Sprague street. Graded, macadamized, edgestone set, brick sidewalks laid, gutters paved.

| Labor .      |      |        |       |        | •  |   |   |   | \$1,069 50 |
|--------------|------|--------|-------|--------|----|---|---|---|------------|
| Teaming      |      |        |       |        |    |   |   |   | 314 50     |
| Gravel .     |      | ۰      |       |        |    |   |   |   | 294 12     |
| Stone .      |      |        | •     | •      | ٠  |   | • |   | 809 92     |
| Lumber .     |      |        | •     | •      | •  | • | • | • | $23 \ 84$  |
| 1 small corn |      | •      | •     | •      | •  | • | • | • | 3 75       |
| Advertising  | •    | •      | •     | •      | •  | • | • | • | $16 \ 20$  |
|              |      |        |       |        |    |   |   |   | \$2,531 83 |
| Work done    | by t | he Sev | wer D | ivisio | n. | • | • | • | \$16 75    |

## STREET IMPROVEMENTS, WARD 5.

Charles-river bridge. Electric signals to notify when the draw is off.

| Labor              |      |       |       |   |   | \$266 | 34 |
|--------------------|------|-------|-------|---|---|-------|----|
| Teaming .          |      |       |       |   |   | 55    | 50 |
| Gravel             |      |       |       |   |   | 61    | 85 |
| 9,000 paving brick |      |       |       |   |   | 108   | 00 |
|                    |      |       |       |   |   | 4     | 00 |
| Electric signals   |      |       |       | • | • | 400   | 00 |
|                    |      |       |       |   |   |       |    |
|                    |      |       |       |   |   | \$895 | 69 |
|                    |      |       |       |   |   |       | -  |
| Work done by the   | Sewe | r Div | ision |   |   | \$308 | 19 |

#### STREET IMPROVEMENTS, WARD 6.

| Batteryman                | rch st           | reet,           | at I             | dilk s          | trect.          | Gra            | aded,          | wide  | ned, pav | ed.                                                                                                             |
|---------------------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|----------------|-------|----------|-----------------------------------------------------------------------------------------------------------------|
| Labor .                   |                  |                 |                  |                 |                 |                |                |       | \$437    |                                                                                                                 |
| Teaming                   |                  |                 |                  |                 |                 |                |                |       | 130      | 00                                                                                                              |
| Gravel .                  |                  |                 |                  |                 |                 |                |                |       | 74       | 80                                                                                                              |
| Pebbles                   |                  |                 |                  |                 |                 |                |                |       | 33       | 00                                                                                                              |
| Pitch .                   |                  | •               |                  |                 |                 |                |                |       | 78       | 84                                                                                                              |
| 21 ft. flaggir            |                  |                 |                  |                 |                 |                |                |       | 16       | 80                                                                                                              |
| 2,100 large g             | '5<br>rranite    | bloc            | ks.              | •               | •               | •              | ·              |       | 147      |                                                                                                                 |
| 500 paving-b              | rick             |                 | •                | •               | •               | •              |                |       | 6        |                                                                                                                 |
| 1. 8                      |                  |                 |                  |                 |                 |                |                |       |          |                                                                                                                 |
|                           |                  |                 |                  |                 |                 |                |                |       | \$924    | 39                                                                                                              |
| Charter str<br>stone pavi | eet, E<br>ng, ed | Ianov<br>Igesto | er to<br>ne r    | Unit<br>eset, s | ty str<br>sidew | eet.<br>alks r | Aspl<br>elaid. | alted | over rou | ind                                                                                                             |
| Labor .                   |                  |                 |                  |                 |                 |                |                |       | \$658    | 35                                                                                                              |
| Teaming                   |                  |                 |                  |                 |                 |                |                |       | 277      | 50                                                                                                              |
| 8,600 paving              | -brick           | τ.              |                  |                 |                 |                |                |       | 107      | 50                                                                                                              |
| Amount p                  | aid to           | Barb            | er A             | sphalt          | : Pavi          | ing C          | <b>.</b> :     |       |          |                                                                                                                 |
| 631.3 sq. y               | ds. 1            | Frinid          | ad               | aspha           | lt pa           | veme           | nt la          | id.   |          |                                                                                                                 |
| at \$2.25                 |                  |                 |                  |                 |                 |                |                |       | 1,420    | 43                                                                                                              |
| Amount p                  | aid to           | Jame            | s G              | rant d          | · Co.           |                | •              | •     | <b></b>  | 10                                                                                                              |
| 671 sq. yds.              | round            | l-ston          | $e^{n_{\theta}}$ | ving            | aid             | at             |                |       |          |                                                                                                                 |
| 25 cts.                   |                  |                 |                  |                 |                 |                | \$167          | 75    |          |                                                                                                                 |
| 688.5 ft. ed              | •<br>mostor      | •<br>no sot     | • of             | 8 ate           | •               | -              | m ·            | 08    |          |                                                                                                                 |
| 8.6 sq. yds               | buid             |                 | , at .           | laid 1          | horrin          |                | 00             | 00    |          |                                                                                                                 |
| bone, at 1                | S of o           | x pav           | шg               | iaiu, i         | lerim           | 8              | 59             | 22    |          |                                                                                                                 |
| 40 sq. yds.               | o cis.           |                 | · · ·            | •<br>• • • * •  | •<br>• •        | •              |                |       |          |                                                                                                                 |
| 40 sq. yas. a             | crossw           | and a           | and a            | at 20 (         | cis.            | •              | 10             | 00    | 295      | 15                                                                                                              |
|                           |                  |                 |                  |                 |                 |                |                |       | 200      | 10                                                                                                              |
|                           |                  |                 |                  |                 |                 |                |                |       | \$2.758  | 93                                                                                                              |
|                           |                  |                 |                  |                 |                 |                |                |       |          |                                                                                                                 |
| Work done                 | by the           | e Sew           | er D             | ivisio          | n.              | •              |                | •     | \$681    | 20                                                                                                              |
|                           |                  |                 |                  |                 |                 |                |                |       |          | a de la constituía de la c |

### STREET IMPROVEMENTS, WARD 7.

Bowker street, Chardon to Sudbury street. Paved with large granite blocks on a gravel base, with pitch joints, edgestone reset, brick sidewalks relaid, crosswalks laid.

| Labor .       |       |    |      |   |   |   |   |   | \$819 18           |
|---------------|-------|----|------|---|---|---|---|---|--------------------|
| Teaming       |       |    |      |   |   |   |   |   | 774 50             |
| Gravel .      |       |    |      |   |   |   |   |   | 186 60             |
| 201 ft. edges | stone |    |      |   |   |   |   |   | 130 65             |
| 4 small corn  |       | •. |      |   |   |   |   |   | $15 \ 00$          |
| 122 ft. flagg |       |    | •    |   |   |   |   |   | 97 60              |
| 10,000 pavir  |       |    | ·    |   |   |   |   |   | $125 \ 00$         |
| 31,432 large  |       |    | oeks | • |   |   |   |   | 2,096 51           |
| Advertising   |       |    |      |   |   |   | • |   | 18 38              |
| Sundries      | •     | •  | •    |   | • | • |   |   | $\frac{10}{21}$ 50 |
| Sunaries      | •     |    | •    | • | • | • | • | • |                    |

Carried forward,

\$4,284 92

| Brought forward,<br>Amount paid to James Grant & Co.:<br>1.477.4 sq. yds. block paving, pitch<br>joints, at 90 cts \$1,329 66<br>686 ft. edgestone set, at 8 cts 54 88<br>419 sq. yds. brick paving laid, at 18 cts. 75 42 | \$4,284 92<br>1,459 96          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Less amount paid by West End Street<br>Railway Company \$325 50<br>Less amount paid by Bowker, Torrey,<br>& Co 200 00<br>Less amount paid by James W. Tufts . 35 00                                                        |                                 |
| Amount paid out of Street Improvements,<br>Ward 7                                                                                                                                                                          | \$5,184 38<br>\$5,184 38        |
| Causeway street, Haverhill to Nashna street. Pay<br>granite blocks on a concrete base, with pitch join<br>reset, granolithic sidewalks built, brick sidewalks<br>walks laid.<br>Labor                                      | ts, edgestone<br>relaid, cross- |

| LICOUT .       | •       | •       | •       | •       | •       | •     | •    | •  | φ=,010     | 66 L. |
|----------------|---------|---------|---------|---------|---------|-------|------|----|------------|-------|
| Teaming        |         |         |         |         |         |       |      |    | 2,522      | 50    |
| Gravel .       |         |         |         |         |         | •     |      |    | 543        | 97    |
| Sand .         |         |         |         |         |         |       |      |    | 90         | 00    |
| Templets       |         |         |         |         | •       |       |      |    | 18         | 22    |
| Advertising    |         |         |         |         |         | •     |      |    | 9          | 90    |
| Pebbles.       |         |         |         |         | •       | •     |      |    | 85         | 80    |
| Sundries       |         |         |         |         |         | •     |      |    | 33         | 00    |
| 87,100 large g | granit  | e bloo  | ks      |         |         | •     |      |    | 5,809      | 58    |
| 1,968.3 ft. of | flagg   | ing     |         |         |         |       |      |    | 1,701      | 12    |
| 228 ft. of edg | eston   | е       |         |         | •       | •     |      |    | 148        | 20    |
| 2 small corner | rs      |         |         |         |         | •     |      |    | 6          | 70    |
| 9,832 paving-  |         |         |         |         |         | •     |      |    | 120        | 48    |
| Amount pa      | id to 🛛 | Metro   | polita  | in Coi  | nstruc  | etion | Co.  | :  |            |       |
| 686 cu. yds. d | emen    | t con   | crete   | base,   | at \$5. | .00   |      |    | $^{3,430}$ | 00    |
| Amount pa      | id to   | Warn    | er H.   | Jenk    | ins &   | Co.   | :    |    |            |       |
| 2,414.4 sq. ft | . artif | icial s | tone    | sidew   | alk, a  | t 16  | cts. | •  | 342        | 62    |
| Amount pa      | id to . | James   | s Grai  | nt & (  | Co.:    |       |      |    |            |       |
| 4,512 sq. yds. | bloc    | k pav   | ing, p  | itch j  | oints,  |       |      |    |            |       |
| at 90 cts      |         |         |         |         |         | \$4,  | 060  | 80 |            |       |
| 810 ft. edgest |         |         |         |         |         |       |      | 80 |            |       |
| 343 sq. yds. 1 | orick-  | paving  | g laid  | , at 18 | Bets.,  |       | 61   | 74 |            |       |
| 731 sq. yds. b | lock p  | aving   | ; laid, | at 35   | cts.,   | 4     | 255  | 85 |            |       |
|                |         |         |         |         |         |       |      |    | 4.443      | 19    |
|                |         |         |         |         |         |       |      |    |            |       |

Carried forward,

\$22,253 52 '

| Brought forward,<br>Less amount paid by the West End                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$22,253 52    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Street Railway Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
| Railroad Co                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |
| Less amount paid by the Brookline Gas<br>Light Co 109 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2,792 71       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$19,460 81    |
| Amount paid out of Street Improvements,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |
| Ward 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |
| Amount paid out of Street Improvements,<br>Wards 7 and 8 6,120 94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$19,460 81    |
| Nouth Mangin streat Curded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |
| North Margin street. Graded.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$71.20        |
| Labor         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         .         . <td>30 00</td> | 30 00          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$101 30       |
| Salt lane, Union street to Creek square. Paved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | with granite   |
| blocks taken from Canseway street, on a gravel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | base, with     |
| pitch joints, brick sidewalks laid, edgestone reset.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |
| Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$232 10       |
| Teaming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 105 00         |
| Pitch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 48 87          |
| Pitch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 13 20          |
| 1,500 paving brick .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 19 50     2 00 |
| Sundries                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 00           |
| · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$420 67       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100 C          |

Work done by the Sewer Division . . . . . \$75 88

#### STREET IMPROVEMENTS, WARD 8.

Barton court, Barton to Brighton street. Asphalted over cobblestones, edgestone reset, brick sidewalks laid. Labor . \$165 60 . . . ٠ . ٠ 99 00 Teaming . 3,000 paving-brick . 37 50. . 5 00 Advertising Amount paid to Barber Asphalt Paving Co. : 406 35 180.6 cu. yds. Trinidad asphalt laid, at \$2.25. \$713 45 Amount paid out of Street Improvements, Ward 8 . \$693 13 . . . Amount paid out of Street Improvements, Wards 7 and 8 .  $20 \ 32$ \$713 45

٩

1

201

Cambridge street, Joy street to Bowdoin square. Paved with large granite blocks on a concrete base with pitch joints, edgestone reset, brick sidewalks relaid, crosswalks laid.

| TI                                                             | ** <b></b>            |
|----------------------------------------------------------------|-----------------------|
| Labor                                                          | \$1,277 36            |
| Teaming                                                        | 644 50                |
| Advertising                                                    | $31 \ 40$             |
| Gravel                                                         | 318 60                |
| Sand                                                           | 99 00                 |
| Pebbles                                                        | 44 55                 |
| Townlate                                                       |                       |
| Templets                                                       | 9 10                  |
| 57,516 large granite blocks                                    | $3,836\ 32$           |
| 23,000 paving-brick                                            | 280 00                |
| 40 feet edgestone                                              | 28 80                 |
| 1 large corner                                                 | 5 60                  |
| 704 feet flagging                                              | 698 72                |
| 00 0                                                           | 000 72                |
| Amount paid to Metropolitan Construction Co.:                  |                       |
| 431 cu. yds. cement concrete base, at \$5.                     | $2,155\ 00$           |
| Amount paid to S. & R. J. Lombard :                            |                       |
|                                                                |                       |
| 427 cu. yds. earth excavation, at 15 cts., \$64 05             |                       |
| 1,928 sq. yds. pavement removed. 289 20                        |                       |
|                                                                | $353 \ 25$            |
| Amount paid to U. Cana & Ca.                                   |                       |
| Amount paid to H. Gore & Co.:                                  |                       |
| 1,991 sq. yds. block paving pitch joints,                      |                       |
| at 90 cts                                                      |                       |
| 1,222 feet edgestone reset, at 8 cts 97 76                     |                       |
| 756 sq. yds. brick paving relaid, at 18 cts., 136 08           |                       |
| 752 sq. yds. block paving,                                     |                       |
| pitch joints, at 1.087 . \$817 42                              |                       |
| 14 ag mile block newing                                        |                       |
| 14 sq. yds. block paving,                                      |                       |
| gravel joints, at .217 3 04                                    |                       |
| 53 feet edgestone reset, at                                    |                       |
| .652 $.34$ 56                                                  |                       |
| 514 days stone-cutter, at                                      |                       |
| .3913 201 30                                                   |                       |
| $2\frac{2}{9}$ days rammer, at \$2.17 . 4 82                   |                       |
|                                                                |                       |
| $2\frac{2}{9}$ days laborer, at \$1.74 . 3 86                  |                       |
|                                                                |                       |
| \$1,065 00                                                     |                       |
| φ1,000 00<br>1.20 55                                           |                       |
| Add 15% 159 75                                                 |                       |
| 1,224 75                                                       |                       |
|                                                                | 3,250 49              |
|                                                                | - ,                   |
|                                                                |                       |
|                                                                | \$13,032 69           |
| Amount paid by the Brookline Gas Light                         |                       |
| Co \$2,272 07                                                  |                       |
|                                                                |                       |
| Amount baid by the West End Street                             |                       |
| Amount paid by the West End Street                             |                       |
| Amount paid by the West End Street<br>Railway Company 2,105 60 | 1 957 05              |
|                                                                | 4,377 67              |
|                                                                | 4,377 67<br>88,655 02 |

| Amount pai | d out | of St | reet I | mpro | vemei | ats, |            |         |    |
|------------|-------|-------|--------|------|-------|------|------------|---------|----|
|            |       |       |        |      |       |      | \$3,077 21 |         |    |
| Amount pai |       |       |        |      |       |      |            |         |    |
| Wards 7    | and 8 | •     | •      | •    | •     | •    | 5.577 $81$ |         |    |
|            |       |       |        |      |       |      |            | \$8,655 | 02 |
|            |       |       |        |      |       |      | A          |         |    |

Chambers street, Green to Poplar street. Asphalted over cobblestones.

| Labor .     |         |        |        |         |       |       |             |    | \$271            | 34 |
|-------------|---------|--------|--------|---------|-------|-------|-------------|----|------------------|----|
| Teaming     |         |        |        |         |       |       |             |    | 188              | 00 |
| Sand .      | ٠       |        |        |         |       |       |             |    | 34               | 20 |
| Templets    |         |        |        |         |       |       |             |    | 7                | 12 |
| Amount      | paid to | ) Bar  | ber A  | sphalt  | t Pav | ing C | o.:         |    |                  |    |
| 1,098.7 sq. | yds. J  | Frinić | lad as | phalt   | laid, | at    |             |    |                  |    |
| \$2.25      | · .     |        |        | - · ·   |       | . \$  | 2,472       | 07 |                  |    |
| 12.1 sq. yd | s. aspl | alt r  | epairs | , at \$ | 2.50  | •     | 30          | 25 |                  |    |
|             |         |        |        |         |       |       | <del></del> |    | 2,502            | 32 |
|             |         |        |        |         |       |       |             |    |                  |    |
|             |         |        | -      |         |       |       |             |    | \$3,002          | 98 |
| Amount pa   |         |        |        |         |       |       |             |    |                  |    |
| Ward 8      |         |        |        |         |       |       | 2,879       | 38 |                  |    |
| Amount pa   |         |        |        |         |       |       |             |    |                  |    |
| Wards 7     |         |        |        |         |       |       | 1 9 9       | CO |                  |    |
| marcio i    | and 8   | •      | •      | •       | •     | •     | 123         | 00 |                  |    |
| in arcis i  | and 8   | •      | •      | •       | •     | •     | 120         |    | \$3,002          | 98 |
| Work don    |         |        |        |         |       | •     | 120         |    | \$3,092<br>\$867 |    |

| STREET IMPROVEMENTS, W | VARDS 7 AND | 8. |
|------------------------|-------------|----|
|------------------------|-------------|----|

| Work | done by | the Sewer | Division |  | • | \$151 | 85 |
|------|---------|-----------|----------|--|---|-------|----|
|      |         |           |          |  |   |       |    |

## STREET IMPROVEMENTS, WARD 10.

Work done by the Sewer Division . . . \$785 60

#### STREET IMPROVEMENTS, WARDS 9 AND 10.

Derne street, Hancock to Temple street. Paved with asphalt blocks, edgestone reset, brick sidewalks relaid.

| Labor     |          |         |        |        |        |         |          |       |    | \$250 | 73 |
|-----------|----------|---------|--------|--------|--------|---------|----------|-------|----|-------|----|
| Teaming   | <u>y</u> |         |        |        |        |         |          |       |    | 134   | 00 |
| Amou      | int p    | oaid to | Joh    | n Tur  | ner ð  | : Co. : | :        |       |    |       |    |
| 135 sq.   | yds.     | asph    | alt bl | ocks   | ona    | sonere  | ete      |       |    |       |    |
| base,     | at \$    | 1.40    |        |        |        |         |          | \$189 | 00 |       |    |
| 224 ft. ( | edge     | stone   | set,   | at 25  | cts.   |         |          | 56    | 00 |       |    |
| 131 sq.   | yds.     | brick   | pavi   | ing, a | t 45 d | ets.    |          | 58    | 95 |       |    |
| 31 days   | ' pay    | ers, r  | ammo   | ers, a | nd     |         |          |       |    |       |    |
| tende     |          |         |        |        |        | \$28    | 00       |       |    |       |    |
| 🗄 days'   | ston     | e-cutt  | er, at | \$4    |        | $^{2}$  | $00^{-}$ |       |    |       |    |
|           |          |         |        |        |        |         |          |       |    |       |    |
| Car       | rried    | l forw  | ard,   |        |        | \$30    | 00       | \$303 | 95 | \$384 | 73 |

| Brought forward,                      | \$30 00    | \$303 95   | \$384 73   |
|---------------------------------------|------------|------------|------------|
| I double load of gravel               | 2 00       |            | ****       |
| 19.2 ft. edgestone and circles,       |            |            |            |
| at \$1.13                             | $21 \ 70$  |            |            |
| 179.6 ft. straight edgestone,         |            |            |            |
| at .626                               | $112 \ 43$ |            |            |
| 2 small corners, at \$3.13            | 6 26       |            |            |
| 3,968 paving-brick, at \$8.696,       | $34 \ 51$  |            |            |
| 459 sq. yds. asphalt blocks on        |            |            |            |
| cracked stone and gravel              |            |            |            |
| bed, at \$1.087                       | 498 93     |            |            |
|                                       |            |            |            |
|                                       | \$705 83   |            |            |
| Add 15%                               | $105 \ 87$ |            |            |
| · · · · · · · · · · · · · · · · · · · |            | $811 \ 70$ |            |
|                                       |            |            | \$1,115 65 |
|                                       |            |            | #1 F00 90  |
|                                       |            |            | \$1,500 38 |

Charles street, Cambridge to Pinckney street (westerly side). Paved with large granite blocks on a concrete base, with pitch joints, edgestones reset, sidewalks relaid.

| Labor .                   |         | •      |          | *     |        |      |             |     | \$1,487 | 79  |
|---------------------------|---------|--------|----------|-------|--------|------|-------------|-----|---------|-----|
| Teaming                   |         |        |          |       |        |      |             |     | 557     | 00  |
| Gravel .                  |         |        |          |       |        |      |             |     | 224     | 20  |
| Sand .                    |         |        |          |       |        |      |             |     | 96      | 30  |
| Templets                  |         |        | •        |       |        |      |             |     | 9       | 74  |
| Advertising               |         |        |          |       |        |      |             |     | 26      | 85  |
| 36,773 large              |         |        |          |       |        |      |             |     | 2,452   | 76  |
| 8,000 paving              |         |        |          |       |        |      |             | •   | 100     |     |
| 254 ft. flaggi            |         |        |          |       |        |      |             |     | 223     | 52  |
| Amount p                  |         |        |          |       |        |      |             |     |         |     |
| 327.2 cu. yd              |         |        |          |       |        |      | Ju 00.      | •   | 1,636   | 00  |
|                           |         |        |          |       | ase, a | υψυ  | •           | •   | 1,000   | 00  |
| Amount p                  |         |        |          |       |        |      | <b>0100</b> | 0.0 |         |     |
| 1,000 ft. edg             |         |        |          |       |        |      | \$180       | 00  |         |     |
| 1.512 sq. yds             |         |        |          |       |        |      | 1 0 0 0     | 0.0 |         |     |
| at 90 cts.                | • • • • | •      | . •      | •     |        | •    | 1,360       | 80  |         |     |
| 391 sq. yds.              | ploc    | c pav  | ung, g   | grave | joint  | ts,  |             | ~~  |         |     |
| at 25 ets.                | •       | •      | . •      |       |        | •    | 97          |     |         |     |
| 757 sq. yds.              |         |        |          |       |        |      | 211         |     |         |     |
| $13\frac{5}{9}$ days' sto | one ci  | utter. | , at \$- | 1.50  | •      | •    | 61          | 00  |         | ~ . |
|                           |         |        |          |       |        |      |             |     | 1,911   | 51  |
|                           |         |        |          |       |        |      |             |     | \$8,725 | 67  |
| Less amoun                | t pai   | d by   | Wes      | t End | 1 Stre | et   |             |     |         |     |
| Railway C                 | 0.      |        |          |       |        | . \$ | 1,596       | 66  |         |     |
| Less amount               |         |        |          |       |        |      |             |     |         |     |
| Co                        |         |        |          |       |        |      | 1,118       | 76  |         |     |
|                           |         |        |          |       |        |      |             |     | 2,715   | 42  |
|                           |         |        |          |       |        |      |             |     |         |     |
|                           |         |        |          |       |        |      |             |     | \$6,010 | 25  |

204

| Amount paid out of Street Improvemen<br>Wards 9 and 10<br>Amount paid out of Paving Division |   | $$5,946 14 \\ 64 11$ |            |
|----------------------------------------------------------------------------------------------|---|----------------------|------------|
| Amount part out of Faring Division                                                           |   |                      | \$6,010 25 |
| Work done by the Sewer Division                                                              | • |                      | \$525 64   |

# STREET IMPROVEMENTS, WARD 12.

| Work done by | the Sewer | Division |  |  | \$124 | 26 |
|--------------|-----------|----------|--|--|-------|----|
|              |           |          |  |  |       |    |

# STREET IMPROVEMENTS, WARD 14.

East Eighth street, G to H street. Paved with large granite blocks, edgestone set, brick sidewalks laid.

|                     | 0       |         | '       |         |       |        |       |    |                           |
|---------------------|---------|---------|---------|---------|-------|--------|-------|----|---------------------------|
| Labor .             |         |         |         |         |       |        |       |    | 2.72981                   |
| Teaming             |         |         |         |         |       |        |       |    | 797 50                    |
| Gravel .            |         |         |         |         |       |        |       |    | $668 \ 47$                |
| Lumber.             |         |         | •       |         |       |        |       |    | $15 \ 41$                 |
| Wharfage            |         |         |         |         |       |        |       |    | $157 \ 26$                |
| 66,629 larg         |         |         |         |         |       |        |       |    | 4,444 15                  |
| 43,700 pavi         | ing-hr  | iek     |         |         | •     |        |       |    | $546 \ 25$                |
| 117 recut c         | rossin  | g-bloc  | ks      |         |       |        |       |    | 58 50                     |
| Amount              | naid t  | о Н. (  | Gore    | & Co.   |       |        | -     |    |                           |
| 3,242 sq.           |         |         |         |         |       | 25     |       |    |                           |
|                     |         |         |         |         |       |        | \$810 | 50 |                           |
| ets<br>2,202 ft. eo | loesto  | ne res  | set. af | t 8 ets |       |        | 176   |    |                           |
| 1,467 sq.           | vds ł   | nerek   | navin   | o laid  | l. at | 18     | 1.1.0 |    |                           |
| cts                 |         |         |         |         |       |        | 264   | 06 |                           |
| 0000 .              | •       | •       | •       | •       | •     | •      |       |    | 1,250 72                  |
|                     |         |         |         |         |       |        |       |    |                           |
|                     |         |         |         |         |       |        |       |    | \$10,668 07               |
|                     |         |         |         |         |       |        |       |    |                           |
| New edg             | estone  | es, sid | ewalk   | rs, an  | d gut | ters : |       |    |                           |
| Labor .             |         |         |         |         |       |        |       |    | \$171 35                  |
| Teaming             |         |         |         |         |       |        |       |    | 78 00                     |
| reaming             | ·       |         | •       |         |       |        |       |    |                           |
|                     |         |         |         |         |       |        |       |    | \$249 35                  |
|                     |         |         |         |         |       |        |       |    |                           |
| Story stre          | et.     |         |         |         |       |        |       |    |                           |
| Labor .             |         |         |         |         |       |        |       |    | \$50 60                   |
| Teaming             |         |         |         |         |       |        |       |    | 18 00                     |
|                     |         |         |         |         |       |        |       |    |                           |
|                     |         |         |         |         |       |        |       |    | \$68 60                   |
|                     |         |         |         |         |       |        |       |    | Ann and particular states |
| Work don            | e by tl | he Bri  | dge I   | Divisio | on    |        |       |    | \$291 58                  |
|                     | v       |         | Ų       |         |       |        |       |    | -                         |
| Work don            | e hv t  | he Se   | wer D   | ivisio  | n     |        |       |    | \$25 85                   |
| IT OT IL GOD        | ~~j t   |         |         |         |       |        |       |    |                           |

#### STREET IMPROVEMENTS, WARD 15.

| New edges          | stones | , side | walk       | cs, and | d gut | ters : |              |          |               |    |
|--------------------|--------|--------|------------|---------|-------|--------|--------------|----------|---------------|----|
|                    |        |        |            |         |       |        |              |          | \$178         | 15 |
| Labor .<br>Teaming | •      | •      | •          | •       | •     | •      | •            | •        | 76            | 00 |
|                    |        |        |            |         |       |        |              |          | <b>\$</b> 254 | 15 |
| Vale street.       | Fil    | ling.  |            |         |       |        |              |          |               |    |
| Filling .          | •      | •      | •<br>• • • | •       | •     | •      | •            | •        | \$711         | 15 |
| Amount paid        |        |        |            |         |       | ts,    | <b>*</b> 100 |          |               |    |
| Ward 15            |        |        |            |         |       | •      |              |          |               |    |
| Amount paid        | outo   | of Pa  | ving       | Divis   | ion   | •      | 284          | 35       |               |    |
|                    |        |        |            |         |       |        |              | <u> </u> |               |    |
|                    |        |        |            |         |       |        |              |          | \$711         | 15 |
| Work done l        | by the | e Sew  | er D       | ivisio  | n     |        |              |          | \$18          | 68 |

#### STREET IMPROVEMENTS, WARDS 17 AND 18.

**Dartmonth street,** Tremont street to Warren avenue. Paved with granite blocks taken from Dover and Albany streets, edgestone reset, brick sidewalks relaid, crosswalks laid.

| Labor .        |         | •      |       |       |        |      |                       |    | \$1,993 | 37 |
|----------------|---------|--------|-------|-------|--------|------|-----------------------|----|---------|----|
| Teaming        |         |        |       |       |        |      |                       |    | 1,080   |    |
| Gravel .       |         |        |       |       |        |      |                       |    | 192     | 90 |
| Masonry        | •       |        |       |       |        |      | •                     |    | 125     | 50 |
| Stone .        | •       |        |       |       |        |      |                       |    | 84      | 15 |
| 193 ft. flaggi | ng      |        |       |       |        |      |                       |    | 137     | 03 |
| 6,950 paving   |         |        | •     | •     |        |      | •                     |    | 90      | 35 |
| 3,000 large g  | granite | e bloc | ks    |       |        |      |                       |    | 210     | 00 |
| 1.488 sq. yds  | s. grai | nite b | locks | taker | n from | Alba | an <mark>y a</mark> i | nd |         |    |
| Dover stre     | ets     | •      | •     | •     |        | •    | •                     | •  | 2,232   | 00 |
|                |         |        |       |       |        |      |                       |    |         |    |
|                |         |        |       |       |        |      |                       |    | \$6.145 | 30 |

**Ivanhoe street**, Dedham to Canton street. Cobblestone removed and roadway resurfaced with crack stone, edgestone reset, brick sidewalk laid, gutters paved.

| Labor                                   |  |  |   | \$200 | 56 |
|-----------------------------------------|--|--|---|-------|----|
| Teaming .                               |  |  |   | 188   | 50 |
| Gravel                                  |  |  |   | 21    | 52 |
| Stone                                   |  |  |   | 133   | 00 |
| 360 small blocks                        |  |  |   | 19    | 08 |
| 427 ft. flagging                        |  |  |   | 38    | 43 |
| 1,800 paving-brick                      |  |  |   | 23    | 40 |
| , , , , , , , , , , , , , , , , , , , , |  |  | - |       |    |
|                                         |  |  |   |       |    |

\$624 49

| Wilkes str    | eet.  | Grad   | led.  |        |    |   |   |   |               |     |
|---------------|-------|--------|-------|--------|----|---|---|---|---------------|-----|
| Labor .       |       |        |       |        |    |   |   |   | \$49          | 60  |
| Teaming       | •     |        |       |        |    |   |   |   | 12            | 00  |
| Masonry       | •     | •      | •     | •      | •  | • | • | • | 70            | 00  |
|               |       |        |       |        |    |   |   |   |               |     |
|               |       |        |       |        |    |   |   |   | \$131         | 60  |
| <b>TH</b> 1 1 |       |        | n     |        |    |   |   |   | <b>#1 010</b> |     |
| Work done     | by th | he Sev | wer D | 1V1S10 | n. | • | • | • | \$1,313       | 8.6 |

## STREET IMPROVEMENTS, WARDS 19 AND 22.

*с* т

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| Edge Hill s                                     | treet, ( | Gay H   | lead to | Roun   | d Hill  | stree  | et. ]  | Resurface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed. |
|-------------------------------------------------|----------|---------|---------|--------|---------|--------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Labor and ma                                    | aterial  |         | •       | •      | •       | •      |        | \$710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80  |
|                                                 |          |         |         |        |         |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| Evergreen s                                     |          | Rest    | irfaced | , side | walks   | grav   | elled. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| Labor .                                         |          | •       |         |        |         |        | •      | \$65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |
| Teaming                                         | • •      | •       | •       | •      | •       | •      | •      | 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| Gravel                                          | · ·      | •       | •       | •      | •       | •      | •      | 278                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| Stone .                                         | • •      | •       | •       | •      | • •     | •      | •      | 313                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| Paving .                                        | • •      | •       | •       | •      | •       | •      | •      | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |
|                                                 |          |         |         |        |         |        |        | \$754                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |
|                                                 |          |         |         |        |         |        |        | And in case of the local division of the loc |     |
| Mountfort s                                     | street,  | Beaco   | n to A  | runde  | el stre | eet, g | raded  | , gravell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed, |
| edgestone<br>laid.                              | set, br  | iek si  | dewalk  | s laid | , gutt  | ers p  | aved,  | crosswa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | lks |
| Labor .                                         |          |         |         |        |         |        |        | \$701                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80  |
| Teaming                                         |          |         | •       | •      |         |        |        | 199                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| Gravel .                                        | • •      | •       |         | •      |         | •      | •      | $2,\!430$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |     |
| Lumber                                          | • •      | •       | •       | •      | •       | •      | •      | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| Lumber<br>168 <u>5</u> ft. edg<br>2 large and 5 | gestone  | •       | •       | •      | •       | •      | •      | 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| 2 large and 5                                   | o small  | corner  | s.      | •      | •       | •      | •      | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |
| 88 ft. flaggin                                  | g .      | ·<br>C  |         |        | •       | •      | •      | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 40  |
| 88 ft. flaggin<br>Amount paid<br>870 ft. edges  | to Jan   | nes Gr  | ant &   | Co.:   |         | @ C O  | 00     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| 870 ft. edges<br>309 sq. yds.                   | herick n | t, at o | cts.    | + 95 o | •<br>•  |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| bus sq. yas.                                    | oriek p  | aving   | iaid, a | t 20 C | 15.,    |        | 20     | 146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 85  |
|                                                 |          |         |         |        |         |        |        | 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 00  |
| ,                                               |          |         |         |        |         |        |        | \$3,719                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10  |
|                                                 |          |         |         |        |         |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| New edges                                       |          |         |         |        |         |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |
| Labor .                                         |          | · .     |         |        |         |        |        | \$18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40  |
| Gravel .                                        |          | •       |         |        |         | •      |        | 693                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |
| Sand .                                          | • •      | •       | •       | •      | •       | •      | •      | 246                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 60  |
|                                                 |          |         |         |        |         |        |        | \$958                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 60  |
| Work done                                       | by the l | Bridge  | Divisi  | on     | •       |        | ٠      | \$2,541                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |
| Work done                                       | by the S | Sewer   | Divisio | on.    |         |        |        | \$1,202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |

# STREET IMPROVEMENTS, WARD 20.

| 8           | STREE    | TI          | MPR      | OVE    | MEN     | TS,    | WAR   | D 20    |                                                       |
|-------------|----------|-------------|----------|--------|---------|--------|-------|---------|-------------------------------------------------------|
| New edgest  | ones, s  | sidew       | alks     | and g  | utters  |        |       |         |                                                       |
| Labor .     | .0105, 1 |             | CELLES . |        |         |        |       |         | \$119 99                                              |
| Gravel .    | •        | •           | •        | •      | •       | :      |       |         | 331 50                                                |
| Sand .      | •        | •           | •        | :      | ÷       |        |       |         | 187 20                                                |
| June .      | ·        |             | · ·      | ,      |         |        |       |         |                                                       |
|             |          |             |          |        |         |        |       |         | \$638 69                                              |
|             |          |             |          |        |         |        |       |         | -                                                     |
| Norfolk a   | venue.   | , Gr        | aded     | •      |         |        |       |         |                                                       |
| Labor and   | materia  | al          |          |        |         |        |       |         | \$187 70                                              |
|             |          |             |          |        |         |        |       |         |                                                       |
| Work done   | e by th  | e Sen       | ver D    | ivisio | n.      | •      | •     | •       | \$376 22                                              |
|             |          |             |          |        |         |        |       |         |                                                       |
| /           | STREE    | T T         | MPR      | OVE    | MEN'    | TS.    | WAR   | D 21    |                                                       |
|             |          |             |          |        |         |        |       |         |                                                       |
| -           | treet.   | Edg         | gesto    | nes se | et, gu  | tters  | paved | , briel | x sidewalks                                           |
| laid.       |          |             |          |        |         |        |       |         |                                                       |
| Labor .     |          | •           | •        |        | •       | •      | •     | •       | \$466 90                                              |
| Teaming     | •        | •           | •        | •      | •       | •      | •     | •       | 232 50                                                |
| Sand .      | •        | •           | •        | •      | •       | •      | •     | •       | 52 20                                                 |
| Gravel .    | •        | •           | +        | •      | •       | •      | •     | •       | 45 90                                                 |
| Amount      | paid to  | A. 4        | A. Li    | bby d  | & Co.   | :      |       |         |                                                       |
| 642 feet ed | gestone  | e set,      | at 8     | cts.   | •       | •      | \$51  | 36      |                                                       |
| 220 sq. yds | . roun   | d-sto       | ne pa    | wing,  | at 25   | o cts. | 55    | 00      |                                                       |
| 523 sq. yds | . brick  | side        | walks    | s laid | , at 18 | s ets. | 94    | 14      | 200 50                                                |
|             |          |             |          |        |         |        |       |         | 200 50                                                |
|             |          |             |          |        |         |        |       |         | \$998 00                                              |
|             |          |             |          |        |         |        |       |         | 000000                                                |
|             |          |             |          | . T    | 1       |        | 4     | Derer   | frand                                                 |
| Centre stu  | eet, E   | liot s      | quar     | e to F | ynene   | on sti |       |         | faced.                                                |
| Labor .     | •        | •           | •        | •      | •       | •      | •     | •       | \$381 90                                              |
| Teaming     | •        | •           | •        |        | •       | •      | •     | •       | $\begin{array}{ccc} 272 & 50 \\ 185 & 30 \end{array}$ |
| Gravel .    | •        | •           | •        | •      | •       | •      | •     | •       | 100 00                                                |
|             |          | •           |          |        |         |        |       |         | \$839 70                                              |
|             |          |             |          |        |         |        |       |         | 000010                                                |
| Holland s   | twoot    | <u>(</u> ], | adad     |        |         |        |       |         |                                                       |
|             |          | Gr          | aded     | •      |         |        |       |         | ¢191 05                                               |
| Filling .   | •        | •           | •        | •      | •       | •      | •     | •       | \$434 25                                              |
|             |          |             |          |        |         |        |       |         |                                                       |
| New edg     | estone,  | , side      | walk     | s, and | l gutt  | ers :  |       |         |                                                       |
| Labor .     |          |             |          |        |         |        |       |         | \$497 09                                              |
| Teaming     |          |             |          |        |         |        |       |         | 685 50                                                |
| Gravel .    |          |             |          |        |         |        | •     |         | 1,207 00                                              |
| Sand .      |          |             |          |        |         | •      |       |         | 946 80                                                |
| Paving .    | 6        | e           |          |        | •       | ۰.     | •     |         | $593\ 14$                                             |
|             |          |             |          |        |         |        |       |         | 00.000 70                                             |
|             |          |             |          |        |         |        |       |         | \$3,929 53                                            |

ø

| Thwing street.                                                                                                                                                                  | Edg                                                             | estone                                           | set,                               | brick               | z side            | ewall            | ks laid  | , gutt                                           | ers                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------|------------------------------------|---------------------|-------------------|------------------|----------|--------------------------------------------------|-----------------------------------|
| *                                                                                                                                                                               |                                                                 |                                                  |                                    |                     |                   |                  |          | \$112                                            | 70                                |
| Teaming .                                                                                                                                                                       | •                                                               |                                                  | •                                  |                     |                   | :                | •        | 304                                              |                                   |
| Gravel .                                                                                                                                                                        |                                                                 |                                                  |                                    |                     |                   |                  |          | 387                                              |                                   |
| Gravel<br>566.3 feet edgesto                                                                                                                                                    | ne                                                              |                                                  |                                    |                     |                   |                  |          | 368                                              |                                   |
| Paving                                                                                                                                                                          |                                                                 |                                                  |                                    | •                   |                   | •                |          | 125                                              | 43                                |
| 3                                                                                                                                                                               |                                                                 |                                                  |                                    |                     |                   |                  |          |                                                  |                                   |
|                                                                                                                                                                                 |                                                                 |                                                  |                                    |                     |                   |                  | 9        | 31,297                                           | 83                                |
| Amount paid o                                                                                                                                                                   | at of                                                           | Stude                                            | 4 Tm                               |                     |                   |                  | -        |                                                  | -                                 |
| Amount paid of                                                                                                                                                                  |                                                                 | Stree                                            | e im                               | prove-              | @:                | 540              | 1.9      |                                                  |                                   |
| ments, Ward 21<br>Amount paid ou                                                                                                                                                | t of I                                                          | ·<br>Povino                                      | ·<br>Divi                          | cion                | • 🖓               | 942 .<br>755 /   | 10<br>70 |                                                  |                                   |
| Amount paid ou                                                                                                                                                                  | 0011                                                            | aving                                            | ; DIVI                             | SIUL                | • _               | 100              | ¢        | 31,297                                           | 83                                |
|                                                                                                                                                                                 |                                                                 |                                                  |                                    |                     |                   |                  | 4        | 1,201                                            | 00                                |
| STREET IM                                                                                                                                                                       | PRO                                                             | VEM                                              | ENTS                               | 5. W.               | ARDS              | 5 23             | AND      | ) 25.                                            |                                   |
|                                                                                                                                                                                 |                                                                 |                                                  |                                    |                     |                   |                  |          | _0.                                              |                                   |
| Brookfield stree                                                                                                                                                                | t, w                                                            |                                                  |                                    |                     | , maca            | adam             | nzea.    | 0100                                             | 05                                |
| Labor                                                                                                                                                                           | •                                                               | •                                                |                                    | •                   | •                 | •                | •        | $\frac{\$468}{237}$                              |                                   |
| Teaming .                                                                                                                                                                       | •                                                               | •                                                | •                                  | •                   | •                 | •                | •        | $\frac{257}{207}$                                |                                   |
| Stone<br>Gravel                                                                                                                                                                 | •                                                               | •                                                | •                                  | •                   | •                 | •                | •        | $\frac{207}{157}$                                |                                   |
| Lumber                                                                                                                                                                          | •                                                               | •                                                | •                                  | •                   | •                 | :                | •        | 12                                               |                                   |
|                                                                                                                                                                                 | •                                                               |                                                  |                                    | •                   |                   |                  | ٠        | $\frac{12}{24}$                                  |                                   |
| Advertising .                                                                                                                                                                   | •                                                               | •                                                | •                                  | •                   | •                 | •                | •        |                                                  |                                   |
|                                                                                                                                                                                 |                                                                 |                                                  |                                    |                     |                   |                  | ¢        | \$1,106                                          |                                   |
| Combat Jus stars                                                                                                                                                                | 1 117                                                           | 1.05                                             | 0                                  |                     |                   | . 11             | -        | ,.,.oo                                           | 00                                |
| Cambridge stree                                                                                                                                                                 |                                                                 |                                                  |                                    |                     | e side            | walk             | s.       |                                                  |                                   |
| Amount paid to                                                                                                                                                                  |                                                                 |                                                  |                                    |                     |                   |                  |          |                                                  |                                   |
| 745 sq. yds. concr                                                                                                                                                              | ete w                                                           | alks la                                          | aid                                | •                   | •                 | •                | •        | \$745                                            | 00                                |
| a.h.                                                                                                                                                                            | 117                                                             | 1 00                                             | (11)                               | r 1                 | <b>C</b> •        |                  | 、<br>、   |                                                  |                                   |
| Catharine street                                                                                                                                                                |                                                                 |                                                  |                                    |                     |                   |                  |          |                                                  |                                   |
| Labor                                                                                                                                                                           | •                                                               | •                                                | •                                  | •                   | •                 | •                | •        | \$773                                            | 50                                |
| 0 1 11 11                                                                                                                                                                       |                                                                 |                                                  |                                    |                     |                   |                  |          |                                                  |                                   |
|                                                                                                                                                                                 |                                                                 |                                                  |                                    |                     |                   |                  |          |                                                  |                                   |
| Concrete sidewall                                                                                                                                                               |                                                                 |                                                  |                                    |                     |                   |                  |          |                                                  |                                   |
| Amount paid to                                                                                                                                                                  | Sim                                                             | son B                                            | ros.:                              |                     |                   |                  |          |                                                  |                                   |
| Amount paid to                                                                                                                                                                  | Sim                                                             | son B                                            | ros.:                              |                     | \$                | 444              | 10       |                                                  |                                   |
|                                                                                                                                                                                 | Sim                                                             | son B                                            | ros.:                              | walks               | . \$4<br>?        | $444 \\ 72$      | 10<br>73 |                                                  |                                   |
| Amount paid to                                                                                                                                                                  | Sim                                                             | son B                                            | ros.:                              | walks               | . \$4             | $\frac{144}{72}$ | 10<br>73 | \$516                                            | 83                                |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk                                                                              | Simp<br>cond<br>urface<br>mbrid<br>s gra                        | oson B<br>erete v<br>ed cono<br>ge to<br>velled. | ros. :<br>valks<br>crete<br>Spark  | walks               | _                 |                  |          |                                                  | -                                 |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor                                                                     | Simp<br>conc<br>urface<br>mbrid<br>s gra                        | oson B<br>erete v<br>d cond<br>ge to<br>velled.  | oros. :<br>valks<br>crete<br>Spark | walks<br>xawk       | <br>street        |                  |          | maca<br>\$276                                    | da-<br>60                         |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor                                                                     | Simp<br>conc<br>urface<br>mbrid<br>s gra                        | oson B<br>erete v<br>d cond<br>ge to<br>velled.  | oros. :<br>valks<br>crete<br>Spark | walks<br>xawk       | <br>street        | . G              | raded,   | maca<br>\$276                                    | da-<br>60                         |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor                                                                     | Simp<br>conc<br>urface<br>mbrid<br>s gra                        | son B<br>erete w<br>d cond<br>ge to<br>velled.   | ros. :<br>valks<br>crete<br>Spark  | walks<br>xawk       | <br>street        | . G              | raded,   | maca<br>\$276<br>83<br>505                       | da-<br>60<br>50<br>40             |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor                                                                     | Simp<br>conc<br>urface<br>mbrid<br>s gra                        | erete v<br>ed cond<br>ge to<br>velled.           | ros. :<br>valks<br>crete<br>Spark  | walks<br>xawk       | street            | . G              | raded,   | maca<br>\$276                                    | da-<br>60<br>50<br>40             |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor<br>Teaming                                                          | Simp<br>conc<br>urface<br>mbrid<br>s gra                        | erete v<br>ed cond<br>ge to<br>velled.           | ros. :<br>valks<br>crete<br>Spark  | walks<br>xawk       | street            | G                | raded,   | maca<br>\$276<br>83<br>505<br>9                  | da-<br>60<br>50<br>40<br>80       |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor                                                                     | Simp<br>conc<br>urface<br>mbrid<br>s gra                        | erete v<br>ed cond<br>ge to<br>velled.           | ros. :<br>valks<br>crete<br>Spark  | walks<br>xawk       | street            | G                | raded,   | maca<br>\$276<br>83<br>505                       | da-<br>60<br>50<br>40<br>80       |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor<br>Teaming .<br>Gravel<br>Advertising .                             | Simp<br>7 cond<br>orface<br>mbrid<br>s gra                      | son B<br>erete w<br>d cond<br>ge to<br>velled.   | ros. :<br>valks<br>crete<br>Spark  | <br>walks<br>xawk s | street            | . G              | raded,   | maca<br>\$276<br>83<br>505<br>9                  | da-<br>60<br>50<br>40<br>80       |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor<br>Teaming .<br>Gravel<br>Advertising .                             | Simp<br>v conc<br>ourface<br>mbrid<br>s gra<br>·<br>·<br>·<br>· | son B<br>erete w<br>d cond<br>ge to<br>velled.   | oros. :<br>valks<br>crete<br>Spark | <br>walks<br>xawk s | street            | . G              | raded,   | maca<br>\$276<br>83<br>505<br>9<br>\$875         | da-<br>60<br>50<br>40<br>80<br>30 |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor<br>Teaming .<br>Gravel<br>Advertising .<br>Farrington aven<br>Labor | Simp<br>v cond<br>orface<br>mbrid<br>s gra                      | son B<br>erete w<br>d cond<br>ge to<br>velled.   | oros. :<br>valks<br>crete<br>Spark | walks<br>xawk       | street<br>ete sid | . G              | raded,   | maca<br>\$276<br>83<br>505<br>9<br>\$875<br>\$21 | da-<br>60<br>50<br>40<br>80<br>30 |
| Amount paid to<br>444.1 sq. yds. new<br>111.9 sq. yds. resu<br>Elko street, Can<br>mized, sidewalk<br>Labor<br>Teaming .<br>Gravel<br>Advertising .                             | Simp<br>v cond<br>orface<br>mbrid<br>s gra                      | son B<br>erete w<br>d cond<br>ge to<br>velled.   | oros. :<br>valks<br>crete<br>Spark | walks<br>xawk       | street<br>ete sid | . G              | raded,   | maca<br>\$276<br>83<br>505<br>9<br>\$875         | da-<br>60<br>50<br>40<br>80<br>30 |

| Highgate<br>Graded,<br>sidewalks              | macad    | t, i<br>amiz | Farrin<br>zed, e | ngton<br>edgesto | ave<br>ne s | nue t<br>set, g | o Ca<br>utters | ambr'<br>pav | idge stre<br>ed, concr | eet.<br>ete |
|-----------------------------------------------|----------|--------------|------------------|------------------|-------------|-----------------|----------------|--------------|------------------------|-------------|
| Labor .                                       |          |              |                  |                  |             |                 |                |              | \$903                  | 51          |
|                                               | •        | •            | •                | •                | •           | •               | •              | •            | $0.00 \\ 350$          |             |
| Teaming                                       | •        | •            | •                | •                | •           | •               | •              | •            |                        |             |
| Gravel .                                      | •        | •            | •                | •                | •           | •               | •              | •            | 651                    |             |
| Gravel .<br>Loam .                            | •        | ٠            | •                | •                | •           | •               | •              | •            | 278                    | ~ -         |
| Stone .                                       |          |              |                  |                  | •           |                 | •              |              | 54                     | 00          |
| Sand .                                        |          |              |                  |                  | •           |                 |                | •            | 5                      | 85          |
| Stone .<br>Sand .<br>4.968 large              | granit   | e blo        | ocks             |                  |             |                 |                |              | 367                    | 63          |
| 4 small cor                                   | ners     |              |                  |                  |             |                 | •              |              | 13                     | 40          |
|                                               |          |              |                  |                  |             | ·               | •              | •            |                        | ~ ~         |
| Amount<br>453.4 sq. y                         | ds. nev  | v coi        | ncrete           | Bros.<br>sidew   | :<br>alks   | laid            | •              | •            | 453                    | 40          |
|                                               |          |              |                  |                  |             |                 |                |              | \$3,077                | 67          |
| Amount pai                                    | d out o  | f Sti        | reet II          | mprove           | men         | ts,             |                |              |                        |             |
| Wards 28                                      | 3 and 2  | 5            | •                |                  | •           |                 | 2,721          | 46           |                        |             |
| Amount pai                                    | douto    | f Sti        | eet Ii           | mprove           | emen        | ts,             |                |              |                        |             |
| Ward 25                                       |          |              |                  | <b>.</b>         |             |                 | 356            | 21           |                        |             |
|                                               |          |              |                  |                  |             | -               |                |              | \$3,077                | 67          |
|                                               |          |              |                  |                  |             |                 |                |              | -                      |             |
| Landseer s                                    | street,  | Wa           | rd 23            | . Gra            | ided,       | maca            | ıdami          | zed.         |                        |             |
| Labor .                                       |          |              |                  | •                |             |                 |                |              | \$604                  |             |
| Teaming                                       |          |              |                  |                  |             |                 |                |              | 298                    | 00          |
| Gravel .                                      |          |              |                  | •                |             |                 |                |              | 154                    | 44          |
|                                               | •        |              |                  |                  |             |                 |                |              | 274                    | 20          |
| Stone .<br>Lumber .                           |          | •            | •                | •                |             | .)              |                |              | 56                     | 29          |
| Lamber .                                      |          | •            | č                | •                | 1           | •               | •              | •            |                        |             |
|                                               |          |              |                  |                  |             |                 |                |              | \$1,387                | 83          |
|                                               |          |              |                  |                  |             |                 |                | 1            |                        |             |
| Linden str                                    | eet. W   | Tard         | 25.              | Grade            | d. ei       | osswa           | alks la        | uid.         |                        |             |
| T alson                                       |          |              |                  | 0.1000           | ,           |                 |                |              | \$499                  | 73          |
| Labor .                                       | •        | •            | •                | •                | •           | •               |                | •            | $\frac{6433}{129}$     |             |
| Teaming                                       | •        | •            | •                | -                | •           | •               | •              | •            | $129 \\ 189$           |             |
| Gravel .                                      | •.       | •            | •                | •                | •           | •               | •              | •            |                        |             |
| Labor<br>Teaming<br>Gravel .<br>190 ft. of fl | agging   | •            | •                | •                | •           | •               | •              | •            | 134                    | 90          |
|                                               |          |              |                  |                  |             |                 |                |              | \$953                  | 48          |
|                                               |          |              |                  |                  |             |                 |                |              |                        |             |
| New edgest                                    | ione, si | dew          | alks,            | and gu           | itters      | :               |                |              |                        |             |
| Labor .                                       | •        |              |                  |                  |             |                 |                |              | \$32                   | 90          |
| Teaming                                       |          |              |                  |                  |             |                 |                |              | 181                    |             |
| Gravel .                                      |          |              |                  |                  |             |                 |                | ,            | 335                    |             |
| Sand .                                        |          | •            | •                | •                | ·           | •               |                |              | 154                    |             |
|                                               | •        | •            | •                | •                | •           | •               | •              | •            | 348                    |             |
| Paving .                                      |          |              |                  |                  | •           | •               | •              | •            | 040                    | 00          |
| Paid to V<br>5,253 feet a                     |          |              |                  |                  |             |                 | ۰              |              | 315                    | 18          |
|                                               |          |              |                  |                  |             |                 |                |              | \$1,368                | 13          |

# STREET DEPARTMENT - PAVING DIVISION. 211

| Ophir stre<br>finished).  | et, V<br>Gra | Vashi<br>ded, y | ngtor<br>widen | ı stree<br>ed, m | et to<br>acad | Brook<br>amize | dine<br>d, sid | avenue<br>lewalks | (work<br>gravell                        | un-<br>led. |
|---------------------------|--------------|-----------------|----------------|------------------|---------------|----------------|----------------|-------------------|-----------------------------------------|-------------|
| Labor .                   |              |                 |                |                  |               |                |                |                   | \$112                                   | 00          |
| Teaming                   |              |                 |                | •                |               |                | •              |                   | 103                                     | ÷.0         |
| Filling .                 |              |                 |                |                  |               |                |                |                   | 381                                     | 00          |
| Stone .                   |              |                 |                | •                |               |                |                | •                 | 381                                     | 50          |
|                           |              |                 |                |                  |               |                |                |                   |                                         |             |
|                           |              |                 |                |                  |               |                |                |                   | \$978                                   |             |
| Pond stree                | t, W         | ard 2           | 3. = (         | Concre           | ete g         | utters         | ,              |                   |                                         |             |
| Amount p                  | aid to       | Sim             | pson           | Bros.            | :             |                |                |                   |                                         |             |
| 1,448.7 sq. y             | ds. c        | oncre           | ete gu         | tters            | •             | •              | •              | ٠                 | \$2,173                                 | 05          |
| Roberts str               |              | War             | d 23.          | Gra              | ded.          |                |                |                   |                                         |             |
| Labor .                   |              | •               | •              | •                | •             | •              | •              | ٠                 | \$47                                    |             |
| Teaming                   | •            | •               | •              | •                | •             | •              | •              | •                 | $\begin{array}{c} 51 \\ 73 \end{array}$ | 00          |
| Gravel .                  | •            | •               | ٠              | •                | •             | •              | •              | •                 |                                         |             |
| Stone .                   | •            | ÷               | •              | •                | •             | •              | •              | • ~               | 29                                      | 50          |
|                           |              |                 |                |                  |               |                |                |                   | \$201                                   | 44          |
| Washington<br>Graded, gr  |              |                 |                |                  |               | -              | e to 1         | the Ne            | wton li                                 | ne.         |
| Labor .                   |              |                 |                |                  |               |                |                |                   | \$697                                   | 65          |
| Teaming                   |              | •               | •              | •                |               |                | •              | •                 | 525                                     |             |
| Gravel .                  | •            | •               | •              | •                | •             | •              |                | •                 | 1,581                                   | 30          |
| Amount pa<br>1,355 sq. yd | s. co        | ncret           | e gut          | ters 1           | aid,          | at             |                | - 0               |                                         |             |
| \$1.50<br>Labor, excav    | ating        | • -<br>ora      | ding.          | •<br>etc         | •             | . \$2          | 373            | $\frac{50}{62}$   |                                         |             |
| 10001, 01001,             |              | , 5             |                | 0000             | •             | ·              | 0.0            |                   | 2,406                                   | 19          |
|                           |              |                 |                |                  |               |                |                |                   | 2,400                                   | 12          |
|                           |              |                 |                |                  |               |                |                |                   | \$5,210                                 | 57          |
|                           |              |                 |                |                  |               |                |                |                   | ***                                     | -           |
| Work done b               | by the       | e Brid          | lge D          | ivisio           | n             | •              | •              | •                 | \$759                                   | 24          |
| Work done l               | by the       | e Sew           | ver D          | ivisior          | 1             | •              |                | •                 | \$1,514                                 | 77          |
| ST                        | REE          | T IN            | IPRO           | OVEM             | EN'           | rs, w          | VARI           | ) 24.             |                                         |             |
| Brent street              | t.           |                 |                |                  |               |                |                |                   |                                         |             |
| Labor .                   |              |                 |                |                  |               |                |                |                   | \$10                                    | 00          |
| Teaming                   | •            |                 | •              | •                | •             | •              | •              | •                 | 10                                      |             |
| Tile                      |              |                 | •              | •                | •             | •              | •              | •                 | 16                                      |             |
| Tile .<br>500 paving-br   | iek          |                 | •              | •                | •             | •              | •              | •                 | 6 (                                     |             |
| parties of                |              |                 | ·              |                  |               |                |                | •                 |                                         |             |

\$43 07

Clarkson street. Edgestone set, brick sidewalks laid, gutters paved. Labor . \$23 00 Teaming 92 50 . . . • Gravel . 42 90 . • . • Sand 37 80 . . . Paving . 105 96 \$302 16 Crescent avenue, Dorchester avenue to railroad. Macadamized, edgestone set and reset, sidewalks laid and relaid, gutters paved. Labor \$166 62 . Teaming 285 00. . • . . • . Gravel . 509 85 . . ٠ . . . ٠ Filling . 341 00 . . . . . • Stone . 1,076 75 . • • • • 528 feet straight edgestone 343 20 • • 29 03  $22\frac{4}{12}$  feet circular edgestone . • . • . 2 small corners . . . 6 70 \$2,758 15 Duncan street. Filling. Labor \$38 25 . 36 00 Teaming Gravel . 333 60 . . • 232 50 Filling . . \$640 35 Amount paid out of Street Improve-\$232 50 ments, Ward 24 Amount paid out of Paving Division . 407 85 \$640 35 Glenway street. Graded, macadamized. Labor . \$809 00 Teaming 437 00 Stone . 2,977 00 • . • 153 45 Gravel . . • \$4,376 45 Amount paid out of Street Improvements, Ward 24 . . . . \$4,107 50 Amount paid out of Paving Division . 268 95\$4,376 45 Greenheys street. (Work unfinished). Labor . \$74 65 15 00 Teaming \$89 65 Carried forward,

| S                                                                                                                                                                                                  | FREE                     | t De                | PART              | MENT                  | F              | AVIN            | G Dr                      | VISIO      | ON. 213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|-------------------|-----------------------|----------------|-----------------|---------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brough                                                                                                                                                                                             | t for                    | ward                |                   |                       |                |                 |                           |            | \$89 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                    |                          |                     |                   |                       |                |                 |                           |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Stone .<br>Gravel .                                                                                                                                                                                | :                        | :                   |                   |                       |                |                 |                           |            | 67 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                    |                          |                     |                   |                       |                |                 |                           |            | \$205 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Amount pa                                                                                                                                                                                          | id o                     | nt of               | Str               | eet I                 | mpro           | ve-             |                           |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ments, W<br>Amount pai                                                                                                                                                                             | ard 2                    | 24                  | •                 |                       | · ·            | •               | \$18                      | 40         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Amount pai                                                                                                                                                                                         | id out                   | t of P              | aving             | g Divis               | sion           | •               | 186                       | 90         | 6005 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                    |                          |                     |                   |                       |                |                 |                           |            | \$205 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| King stree                                                                                                                                                                                         | t, Ad<br>sidew           | lams<br>alks l      | street<br>laid, d | t to D<br>erossw      | orche<br>alks  | ster a<br>laid. | avenue                    | . M        | acadamized,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Labor .                                                                                                                                                                                            |                          | •                   |                   |                       |                |                 |                           |            | 50955                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Teaming                                                                                                                                                                                            | •                        | •                   | •                 | •                     | •              | •               | •                         | •          | $15 \ 00$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gravel .<br>Stone .                                                                                                                                                                                | •                        | •                   | •                 |                       | •              | •               | ٠                         | •          | 532 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Stone .                                                                                                                                                                                            | •                        | •                   | •                 | •                     | •              | •               | •                         | •          | 2,688 75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Rolling                                                                                                                                                                                            | . •                      | •                   | •                 | •                     | •              | •               | •                         | •          | 210 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Rolling<br>214 ft. flagg                                                                                                                                                                           | ging                     | •                   | •                 | •                     | •              | •               | •                         | •          | $151 \ 92$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 436.3 sq. yc<br>at \$1.00                                                                                                                                                                          | d to<br>ls. cc           | onips<br>oucret     | e side            | ros. :<br>ewalks<br>• | (nev           | v),             | \$436                     | 30         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 128.5 sq. yo                                                                                                                                                                                       | 48. CC                   | ncret               | e siae            | ewaiks                | (res           | ur-             | 83                        | 50         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| faced), a                                                                                                                                                                                          | E 09 (                   | ts.                 | •                 | •                     | •              | •               | 69                        | 02         | 519 82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                    |                          |                     |                   |                       |                |                 |                           |            | 010 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                    |                          |                     |                   |                       |                |                 |                           |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                    |                          |                     |                   |                       |                |                 |                           |            | \$4.627.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Amount pa                                                                                                                                                                                          | id o                     | it of               | ' Str             | eet I                 | nprov          | ve-             |                           |            | \$4,627 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Amount pa<br>ments, W                                                                                                                                                                              | id ou<br>ard 2           | 1t 01               | Str               | eet I                 | mprov          | ve-             | \$545                     | 55         | \$4,627 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Amount pa<br>ments, W<br>Amount pai                                                                                                                                                                | id ou<br>ard 2<br>d out  | ut of<br>24<br>of H | f Str<br>Paving   | eet In<br>g Divis     | mprov<br>sion  | ve-             | $\$545 \\ 4,082$          | 55 $44$    | \$4,627 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Amount pa<br>ments, W<br>Amount pai                                                                                                                                                                | id ou<br>ard 2<br>d out  | ut of<br>24<br>of H | f Str<br>aving    | eet In<br>g Divis     | mprov<br>sion  | 7e-             | $\substack{\$545\\4,082}$ | $55 \\ 44$ | \$4,627 99<br>\$4,627 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ments, W<br>Amount pai                                                                                                                                                                             | ard 2<br>d out           | of H                | Paving            | Divi                  | sion           | •               |                           | $55 \\ 44$ | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ments, W<br>Amount pai                                                                                                                                                                             | ard 2<br>d out<br>aven   | ed<br>of H<br>ue.   | Paving<br>Grane   | g Divi                | sion<br>sidev  | valks           | laid.                     |            | \$4,627 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .                                                                                                                                                    | ard 2<br>d out<br>aven   | of H<br>ne.         | Paving<br>Grand   | g Divisolithic        | sion<br>sidev  | valks           | laid.                     | •          | \$4,627 99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ments, W<br>Amount pai<br>Lawrence :<br>Labor .<br>Teaming                                                                                                                                         | ard 2<br>d out<br>aven:  | of E<br>ne.         | Paving<br>Grand   | g Divisolithie        | sion<br>sidev  | valks           | laid.                     | •          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ments, W<br>Amount pai<br>Lawrence :<br>Labor .<br>Teaming<br>Stone .                                                                                                                              | ard 2<br>d out           | ed<br>of F<br>ne.   | Paving<br>Grand   | g Divis               | sion<br>sidev  | valks           | laid.                     | •          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ments, W<br>Amount pai<br>Lawrence :<br>Labor .<br>Teaming                                                                                                                                         | ard 2<br>d out           | ed<br>of F<br>ne.   | Paving<br>Grand   | g Divis               | sion<br>sidev  | valks           | laid.                     | •          | \$4,627 99<br>\$694 60<br>9 00<br>558 00<br>94 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ments, W<br>Amount pai<br>Lawrence :<br>Labor .<br>Teaming<br>Stone .                                                                                                                              | ard 2<br>d out           | ed<br>of F<br>ne.   | Paving<br>Grand   | g Divis               | sion<br>sidev  | valks           | laid.                     | •          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutf                                                                                       | ard 2<br>d out<br>aven   | et, (v              | vork u            | g Divis<br>olithic    | sider<br>sider | valks           | I laid.<br>Macad          | amiz       | \$4,627 99<br>\$694 60<br>9 00<br>558 00<br>94 05<br>\$1,355 65<br>ed, artificial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .                                                                            | ard 2<br>d out<br>aven   | et, (v              | vork u            | g Divis<br>olithic    | sider<br>sider | valks           | I laid.<br>Macad          | amiz       | \$4,627 99<br>\$694 60<br>9 00<br>558 00<br>94 05<br>\$1,355 65<br>ed, artificial<br>\$332 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming                                                                 | ard 2<br>d out<br>aven   | et, (v              | vork u            | g Divis<br>olithic    | sider<br>sider | valks           | I laid.<br>Macad          | amiz       | \$4,627 99<br>\$694 60<br>9 00<br>558 00<br>94 05<br>\$1,355 65<br>ed, artificial<br>\$332 35<br>51 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming<br>Gravel .                                                     | ard 2<br>d out<br>aven   | et, (v              | vork u            | g Divis<br>olithic    | sider<br>sider | valks           | I laid.<br>Macad          | amiz       | $\begin{array}{r} \$4,627 99 \\ \$694 60 \\ 9 00 \\ 558 00 \\ 94 05 \\ \$1,355 65 \\ \hline \$1,355 65 \\ \hline $\$1,355 65 \\ \hline $$1,355 65 \\ \hline $1,355 65$                                                                                                                                                     |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming<br>Gravel .<br>Stone .                                          | ard 2<br>d out<br>aven   | et, (v              | vork u            | g Divis<br>olithic    | sider<br>sider | valks           | I laid.<br>Macad          | amiz       | $\begin{array}{r} \$4,627 99 \\ \$694 60 \\ 9 00 \\ 558 00 \\ 94 05 \\ \$1,355 65 \\ \hline \$1,355 65 \\ \hline $\$1,355 65 \\ \hline $$$1,355 65 \\ \hline $$$1,00 \\ \hline $$1,00 $ |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming<br>Gravel .<br>Stone .<br>Tile drain                            | ard 2<br>d out<br>avenu  | et, (vnd sid        | vork u            | g Divis<br>olithic    | sion<br>sidev  | valks           | I laid.<br>Macad          | amiz       | $\begin{array}{r} \$4,627 99 \\ \$694 60 \\ 9 00 \\ 558 00 \\ 94 05 \\ \$1,355 65 \\ \hline \$1,355 65 \\ \hline $\$1,355 65 \\ \hline $$1,355 65 \\ \hline $1,355 65$                                                                                                                                                     |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming<br>Gravel .<br>Stone .<br>Tile drain<br>Amount p                | ard 2<br>d out<br>avenue | et, (v<br>nd sid    | vork u<br>H. J.   | g Divis<br>olithic    | sion<br>sidev  | valks           | I laid.<br>Macad          | amiz       | $\begin{array}{r} \$4,627 99 \\ \$694 60 \\ 9 00 \\ 558 00 \\ 94 05 \\ \$1,355 65 \\ \hline \$1,355 65 \\ \hline $\$1,355 65 \\ \hline $$$1,355 65 \\ \hline $$$1,00 \\ \hline $$1,00 $ |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming<br>Gravel .<br>Stone .<br>Tile drain<br>Amount p<br>19,644.3 sq | ard 2<br>d out<br>avenue | et, (v<br>nd sid    | vork u<br>H. J.   | g Divis<br>olithic    | sion<br>sidev  | valks           | <br>i laid.               | amiz       | $\begin{array}{r} \$4,627 99 \\ \$694 60 \\ 9 00 \\ 558 00 \\ 94 05 \\ \$1,355 65 \\ \hline \$1,355 65 \\ \hline $\$1,355 65 \\ \hline $$$1,355 65 \\ \hline $$$1,00 \\ \hline $$1,00 $ |
| ments, W<br>Amount pai<br>Lawrence a<br>Labor .<br>Teaming<br>Stone .<br>Gravel .<br>Lyndhurst<br>stone gutt<br>Labor .<br>Teaming<br>Gravel .<br>Stone .<br>Tile drain<br>Amount p                | ard 2<br>d out<br>avenue | et, (v<br>nd sid    | vork u<br>H. J.   | g Divis<br>olithic    | sion<br>sidev  | valks           | I laid.<br>Macad          | amiz       | $\begin{array}{r} \$4,627 99 \\ \$694 60 \\ 9 00 \\ 558 00 \\ 94 05 \\ \$1,355 65 \\ \hline \$1,355 65 \\ \hline $\$1,355 65 \\ \hline $$$1,355 65 \\ \hline $$$1,00 \\ \hline $$1,00 $ |

CITY DOCUMENT NO. 34.

|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1      |
|-----------------------|---------|---------|--------|---------|-----------------------|-------|-----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Broug                 | ht foru | vard.   |        |         |                       |       | \$1,178   | 65 | \$1,651 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3      |
| 7,407 sq.             | ft. art | iticial | sto    | ie gut  | tters.                | at    |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| 20 cts.               |         |         |        |         | •                     |       | $1,\!481$ | 40 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
|                       |         |         |        |         |                       |       |           |    | 2,660 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5      |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _      |
|                       |         |         |        |         |                       |       |           |    | \$4,311 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8      |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Amount p              | aid ou  | t of    | Str    | eet I   | mprov                 | 7e-   |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| ments, V              | Nard 2  | 4       |        | •       | •                     | •     | 285       | 48 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| ments, V<br>Amount pa | id out  | of P    | aving  | ; Divi  | $\operatorname{sion}$ |       | 4,026     | 30 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _      |
|                       |         |         |        |         |                       |       |           |    | \$4,311 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8      |
| <b>N</b> 0.11         |         | ~       |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -      |
| Mayfield s            | street. | Gr      | anoli  | thic s  | idewa                 | lks I | aid.      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Labor .               |         |         |        |         |                       | •     |           | •  | \$46 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |
| Teaming               |         |         |        |         | •                     |       |           | •  | 37 5(                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |
| Gravel .              |         |         |        | •       |                       |       |           |    | 363 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -      |
| Sand .                |         |         |        |         |                       |       |           | •  | $25 \ 20$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0      |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -      |
|                       |         |         |        |         |                       |       |           |    | \$471 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |
| NT                    | ,       | • •     | 11     | ,       |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ī      |
| New edges             | tone, s | idewa   | alks a | and gu  | itters                | :     |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Labor .               |         | •       | •      | •       | •                     | •     | ,         |    | 639 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |
| Teaming               |         |         | •      | •       | •                     | •     | •         | •  | 10 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |
| Sand .                | •       | •       |        |         |                       |       |           | •  | 39-60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | )      |
| Gravel .              | •       |         |        |         | •                     |       |           | •  | 92 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | )      |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -      |
|                       |         |         |        |         |                       |       |           |    | \$781 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5      |
| Samana                | adma ad |         |        | 1:41.50 |                       | . 11  | laid      |    | Contraction of the local division of the loc | •      |
| Sagamore              | street  | • G     | rano   | ntme    | sidew                 | aiks  | laia.     |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Labor .               | •       | •       | •      | •       | •                     | •     | •         | •  | \$25 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |
| Teaming               | •       | •       | •      | •       | •                     | •     | •         | •  | 16 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |
| Gravel .              |         | •       | •      | •       | •                     | •     | •         | •  | 108 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | )      |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •      |
|                       |         |         |        |         |                       |       |           |    | \$150 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |
| Spencer st            | troat   | Filli   | 1) (*  |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
|                       |         |         | ~      |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Teaming               | •       | •       | •      | •       | •                     | •     | •         | •  | \$97 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | )<br>- |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Virginia s            | treet.  | Brie    | k sid  | lewall  | xs laid               | Ι.    |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Labor .               |         |         |        |         |                       |       |           |    | \$40 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |
| Teaming               |         |         | •      | •       | •                     | •     | •         |    | 18 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |
| Sand .                | •       | •       | •      | •       |                       | •     | ·         | •  | $   \frac{10}{25}   \frac{00}{20} $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |
| Suba I                | •       | •       | •      | ·       | •                     | •     | •         | •  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
|                       |         |         |        |         |                       |       |           |    | \$83 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Willis stre           | eet. C  | arade   | d, m   | acada   | mized                 | •     |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| Labor .               |         |         |        |         |                       |       |           |    | \$411 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |
| Teaming               | •       | •       | •      | •       |                       |       |           |    | 209 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |
| Stone .               |         | •       | •      | •       | •                     | •     |           |    | 1,601 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |
| Stone .<br>Rolling .  |         | •       |        |         |                       |       |           |    | 170 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |
| 0                     |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |
| 4                     |         |         |        |         |                       |       |           |    | \$2,391 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |
|                       |         |         |        |         |                       |       |           |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |

214

| Street                                                                                     | Depart     | <b>FMENT</b> | — P                                      | AVIN   | g Di      | VISIO | ox. 215                                               |
|--------------------------------------------------------------------------------------------|------------|--------------|------------------------------------------|--------|-----------|-------|-------------------------------------------------------|
| Work done by the                                                                           | e Bridge   | Divisio      | n                                        | •      |           | ٠     | \$792 82                                              |
| Work done by the                                                                           | e Sewer I  | Divisio      | n .                                      |        |           |       | \$7,908 87                                            |
|                                                                                            |            |              |                                          |        |           |       |                                                       |
| STREE                                                                                      | T IMPH     | ROVEN        | IEN                                      | гs,    | WAR       | D 2   | <b>5</b> .                                            |
| Brighton avenue                                                                            |            |              |                                          |        |           |       |                                                       |
| $\frac{1}{2}$ cost of concrete                                                             | sidewalk   | •            | •                                        | •      | •         | •     | \$61 80                                               |
| Talbot avenue, V<br>uncompleted.)                                                          |            |              | et to                                    | Dore   | hester    | avei  |                                                       |
| Labor<br>Teaming .                                                                         | • •        | •            | •                                        | •      | •         | •     | \$2,479 71                                            |
| Teaming .                                                                                  | • •        | •            | •                                        | •      | •         | •     | 1,329 50                                              |
| Stone                                                                                      | • •        | •            | •                                        | •      | •         | •     | $\begin{array}{c} 884 & 75 \\ 1,495 & 05 \end{array}$ |
| Gravel<br>Lumber                                                                           | • •        | •            | •                                        | •      | •         | •     | 1,455 05<br>16 16                                     |
| Tools etc                                                                                  |            |              |                                          |        |           | •     | $235 \ 26$                                            |
| Tools, etc<br>Advertising .                                                                | • •        |              |                                          | •      | •         |       | 94 80                                                 |
| 468.3 ft. circular                                                                         | edgestone  | е.           |                                          |        |           |       | 608 77                                                |
| $2,264\frac{3}{12}$ ft. straigh                                                            | t edgeste  | one          |                                          |        |           |       | 1,471 77                                              |
| 2,264 <sup>3</sup> / <sub>12</sub> ft. straigh<br>1,000 paving-brick<br>1,829 sq. yds. old |            |              |                                          |        |           |       | 11 50                                                 |
| 1,829 sq. yds. old                                                                         | blocks     | taken i      | from                                     | Four   | ndry a    | nd    |                                                       |
| Division streets<br>34,221 small grani                                                     |            | •            |                                          |        |           |       | $731 \ 60$                                            |
| 34,221 small grani                                                                         | te blocks  | •            | •                                        |        | •         | •     | $1,197\ 74$                                           |
| Amount paid to                                                                             | Citizens'  | Relief       | Con                                      | ipany  | :         |       |                                                       |
| 6,270 cu. yds. exca                                                                        | avation, a | at 80 c      | ts.                                      | . \$   | 5,016     | 00    |                                                       |
| Tools, etc                                                                                 | • •        | •            | •                                        | •      | 120       | 00    |                                                       |
|                                                                                            |            |              |                                          | -      | 100       |       |                                                       |
| T (11) 111                                                                                 | D '        |              |                                          | Ş      | $5,\!136$ | 00    |                                                       |
| Less 111 <sup>1</sup> / <sub>2</sub> days' lab                                             | oor, Pavn  |              | ລະດ                                      | -<br>- |           |       |                                                       |
| Division men, at                                                                           |            |              | 250 8                                    | 57     |           |       |                                                       |
| Less 4 days, singl                                                                         | le team,   | สธ           | 10 (                                     | 00     |           |       |                                                       |
| \$3.00<br>Tools and lumber                                                                 | •          | •            | $\begin{array}{c} 12 \\ 251 \end{array}$ | 19     |           |       |                                                       |
| 10018 and minuter                                                                          | •          | • _          | 201 1                                    |        | 514       | 29    |                                                       |
|                                                                                            |            |              |                                          |        |           |       | 4,621 71                                              |
| Amount paid to                                                                             | William    | McEle        | nev:                                     |        |           |       | 1,011 11                                              |
| 1,615.9 ft. edgesto                                                                        | ne set, a  | t 8 cts.     |                                          |        | \$129     | 27    |                                                       |
| 250.4 ft. edgestone                                                                        | e reset, a | t 8 cts.     |                                          |        | 20        | 03    |                                                       |
| 1,615.9 ft. edgesto<br>250.4 ft. edgestone<br>687 sq. yds. block                           | paving la  | aid, at      | 25 et                                    | s.     | 171       | 75    |                                                       |
|                                                                                            |            |              |                                          |        |           |       | $321 \ 05$                                            |
| Work done by the                                                                           | Sewer Di   | vision       | •                                        | •      | •         | •     | 3,002 04                                              |
|                                                                                            |            |              |                                          |        |           |       |                                                       |
|                                                                                            |            |              |                                          |        |           |       | \$18.501 41                                           |
| Thetford street.                                                                           | Graded.    | macad        | lamiz                                    | zed.   |           |       |                                                       |
| Labor                                                                                      |            |              |                                          |        |           |       | \$1,422 55                                            |
| Teaming .                                                                                  |            |              |                                          |        |           |       | 238 00                                                |
| Gravel                                                                                     |            |              |                                          |        |           |       | $843 \ 15$                                            |
| Stone                                                                                      |            | •            |                                          |        |           |       | 3,102 $84$                                            |
| Channing Common                                                                            |            |              |                                          |        |           |       | OF COC ET                                             |

Carried forward,

\$5,606 54

| Brought forwar                                                                                     | d.        |             |        |         |        |        | \$5,606                                   | 54  |
|----------------------------------------------------------------------------------------------------|-----------|-------------|--------|---------|--------|--------|-------------------------------------------|-----|
| Rolling                                                                                            | ,         |             |        |         |        |        |                                           |     |
| Rolling<br>Advertising .                                                                           | • •       | •           | •      | •       | •      | •      | 220                                       |     |
| Advertising .                                                                                      | • •       | •.          | •      | •       | •      | •      | 31                                        |     |
| Advertising .<br>Work done by the S                                                                | Sewer D   | ivision     | 1.     | •       | •      | •      | 9                                         | 09  |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
|                                                                                                    |           |             |        |         |        |        | \$5,867                                   | 13  |
| Amount of special a                                                                                | ייייייייי | intion      |        | e       | 3 000  | 00     | <i>\\</i> 0,00.                           | 10  |
| Amount of special a                                                                                | ippiopi   | ation       | •      | • @·    | 5,000  | 00     |                                           |     |
| Amount paid out of<br>Ward 24                                                                      | Street 1  | mprov       | emen   | ts,     |        |        |                                           |     |
| Ward 24                                                                                            | •         | •           | •      | •       | 2,867  | 13     |                                           |     |
|                                                                                                    |           |             |        | -       |        |        | \$5,867                                   | 13  |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
| Utica street, Har                                                                                  | vard to   | Knee        | land s | street  | . Pa   | ved    | with gran                                 | ite |
| blocks, taken fro                                                                                  | m Swan    | Alba        | n tr   | nd D    |        | troat  | a adagate                                 |     |
| blocks, taken 110                                                                                  | 11 13 wan | , Alba      | my, a  | - U - I |        | street | s, engesti                                | me  |
| reset, brick sidew                                                                                 | aiks rei  | aia, ci     | ossw   | aiks i  | aid.   |        |                                           |     |
| Labor                                                                                              |           |             |        |         |        |        | \$1,327                                   | 05  |
| Teaming .                                                                                          |           |             |        |         |        |        | 760                                       |     |
| Gravel                                                                                             | • •       | •<br>•<br>• | •      | ·       | •      | •      | 208                                       |     |
| Manager .                                                                                          | • •       | •           | •      | •       | •      | •      | 200                                       |     |
| Masonry .                                                                                          | • •       | •           | •      | •       | •      |        | 80                                        |     |
| 138 ft. edgestone                                                                                  | • •       | •           | •      | •       | • ~    | •      | 89                                        |     |
| 1 large and 1 small                                                                                | corner    |             |        |         |        |        | 8                                         | 95  |
| Teaming<br>Gravel .<br>Masonry .<br>138 ft. edgestone<br>1 large and 1 small<br>145 ft. flagging . |           |             |        | · · ·   |        |        | 102                                       | 95  |
| 1,554.3 sq. yds. blo                                                                               | neks ta   | ken fr      | om S   | wan     | Alba   | 1) Y   |                                           |     |
| and Deven street                                                                                   | , ua      | Ken II      | om c   | man,    | пра    | ny,    | 0 991                                     | 4 5 |
| and Dover streets                                                                                  | 5.        | •           | •      | •       | •      | •      | 2,331                                     | 40  |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
|                                                                                                    |           |             |        |         |        |        | \$4,909                                   | 46  |
| Amount of special a                                                                                | unrong    | intion      |        |         |        |        | \$4 909                                   | 16  |
| ribount of special (                                                                               | ppropr    |             | •      | •       | •      | •      | WILLOUD                                   | 10  |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
| Utica street, Kn                                                                                   | eeland    | to Bea      | ich st | reet.   | Rep    | baved  | , edgeste                                 | one |
| reset, brick sidew                                                                                 | alks rel  | laid, ci    | ossw   | alks l  | aid. Î |        | , 0                                       |     |
|                                                                                                    |           | , 01        |        |         |        |        | <b>6900</b>                               | 0.0 |
| Labor                                                                                              | • •       | •           | •      | •       | •      | •      | \$388                                     |     |
| Teaming<br>Gravel<br>Masonry .<br>4.300 paving-brick .<br>38.1 feet flagging .                     | • •       | •           | •      | •       | •      |        | 163                                       |     |
| Gravel                                                                                             |           |             | •      |         |        |        | 60                                        | 86  |
| Masonry .                                                                                          |           |             |        |         |        |        | 98                                        | 00  |
| 4 300 paving-brick                                                                                 |           |             | •      |         |        |        |                                           |     |
| 28 1 foot flagging                                                                                 | • •       | •           | •      | •       | •      | •      | $55 \\ 27$                                | 0.0 |
| boll feet nagging                                                                                  | • •       |             | •      | •       | •      | •      |                                           |     |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
|                                                                                                    |           |             |        |         |        |        | \$794                                     | 28  |
| Amount of special a                                                                                | annronri  | iation      |        |         |        |        | \$794                                     | 28  |
| iiiioiiii or special (                                                                             | appropri  | auton       | •      | •       | •      | •      | Q.D.I                                     | 40  |
| Van Danagalaan a                                                                                   | .1        | <b>D</b>    | a      |         |        |        |                                           |     |
| Van Renssalaer p                                                                                   |           |             |        |         |        |        |                                           |     |
| Amount paid to I                                                                                   | Payson -  | & Co.       | :      |         |        |        |                                           |     |
| Paving laid as per a                                                                               | oreeme    | nt.         |        |         |        |        | \$450                                     | 00  |
| a thing hard do per a                                                                              | Sicome    |             |        | •       | ·      |        | \$100                                     | 00  |
| Washington stra                                                                                    | of Duto   | 1.4         | 0-1-   |         |        | 337:   | alite stars                               |     |
| Washington stree                                                                                   | et, Brig  | gnton,      | Oak    | squa    | re to  | W II   | ismp stre                                 | et. |
| Widened. (Wor                                                                                      | k uncon   | apleted     | 1.)    |         |        |        |                                           |     |
| Labor                                                                                              |           |             |        |         |        |        | \$412                                     | 40  |
| Teaming .                                                                                          |           |             |        |         |        |        | 956                                       | 00  |
|                                                                                                    | • •       |             | •      | •       | •      | •      | $\begin{array}{c} 956 \\ 543 \end{array}$ | 55  |
|                                                                                                    | • •       | •           | •      | •       | •      | •      | 043                                       | 99  |
| Filling                                                                                            | • •       | •           |        |         | •      |        | 1,314                                     | 72  |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
|                                                                                                    |           |             |        |         |        |        |                                           |     |
| Carried forwar                                                                                     | d,        |             |        |         |        |        | \$3,226                                   | 67  |

| Drain tile       11 90         Lumber       88 89         Amount paid to Michael Kiernan :       88 89         Cutting away bank and building stone wall.       8 days foreman, at \$3.00       \$24 00         24 days labor, at \$2.00       48 00         19 days mason, at \$3.20       60 80         18 days double team, at \$5.00       90 00         Work done by the Sewer Division       3,298 62         Sec.848 88       \$6,848 88         Whiting street.       Excavated.         Teaming and labor       \$1,764 00         250 eu. yds. carth excavation, at \$1.00, 250 00       2,014 co         \$2,135 00       \$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brought forward,                    |        |       |      |    | \$3,226       | 67  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------|-------|------|----|---------------|-----|
| Amount paid to Michael Kiernan :         Cutting away bank and building stone wall.         8 days foreman, at \$3.00       \$24 00         24 days labor, at \$2.00       48 00         19 days mason, at \$3.20       60 80         18 days double team, at \$5.00       90 00         Work done by the Sewer Division         8 $3,298$ 62         8 $$6,848$ 88         Whiting street. Excavated.         Teaming and labor $$1,764 00$ 250 cu. yds. carth excavation, at \$1.00, 250 00 $$2,014 co$ $$2,135 00$ $$2,135 00$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drain tile                          |        |       |      |    | 11            | 90  |
| Cutting away bank and building stone wall.         8 days foreman, at \$3.00 $$24 00$ 24 days labor, at \$2.00 $$48 00$ 19 days mason, at \$3.20 $$60 80$ 18 days double team, at \$5.00 $$90 00$ 222 80         Work done by the Sewer Division $$3,298 62$ <b>Whiting street.</b> Excavated.         Teaming and labor $$121 00$ Amount paid to John J. Nawn :         882 eu. yds. rock excavation, at \$2.00, 250 00         250 cu. yds. earth excavation, at \$1.00, 250 00         2,014 co         \$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lumber                              |        |       |      |    | 88            | 89  |
| 8 days foreman, at \$3.00       .       .       \$24 00         24 days labor, at \$2.00       .       .       48 00         19 days mason, at \$3.20       .       .       60 80         18 days double team, at \$5.00       .       .       .       .         Work done by the Sewer Division       .       .       .       .       .         Work done by the Sewer Division       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Amount paid to Michael Kierna       | n :    |       |      |    |               |     |
| 24 days labor, at \$2.00       .       .       48 00         19 days mason, at \$3.20       .       .       .       60 80         18 days double team, at \$5.00       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cutting away bank and building st   | one v  | vall. |      |    |               |     |
| 19 days mason, at \$3.20       .       .       60 80         18 days double team, at \$5.00       .       .       90 00         Work done by the Sewer Division       .       .       .         Work done by the Sewer Division       .       .       .       .         Work done by the Sewer Division       .       .       .       .       .         Whiting street.       Excavated.       .       .       .       .       .       .         Mount paid to John J. Nawn :       .       .       .       .       .       .       \$121 00         250 cu. yds. carth excavation, at \$2.00,       \$1,764 00       .       .       2.014 co         2,014 co       .       .       .       .       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8 days foreman, at \$3.00 .         |        |       | \$24 | 00 |               |     |
| 18 days double team, at \$5.00       90 00         Work done by the Sewer Division       222 80         Work done by the Sewer Division       3,298 62         Whiting street.       Excavated.         Teaming and labor       .       .         Amount paid to John J. Nawn :       \$121 00         882 eu. yds. rock excavation, at \$2.00,       \$1,764 00         250 cu. yds. earth excavation, at \$1.00,       250 00         2,014 co       \$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24 days labor, at \$2.00            |        |       | 48   | 00 |               |     |
| Work done by the Sewer Division $222 80$ Work done by the Sewer Division $3,298 62$ <b>Solution</b> $86,848 88$ Whiting street.       Excavated.         Teaming and labor $1.000$ Amount paid to John J. Nawn : $882$ eu. yds. rock excavation, at \$2.00, 250 00         250 cu. yds. earth excavation, at \$1.00, 250 00 $2,014 co$ $82,135 coc$ $82,135 coc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 19 days mason, at \$3.20 .          |        |       | 60   | 80 |               |     |
| Work done by the Sewer Division       3,298       62         Whiting street.       Excavated.       \$6,848       88         Whiting street.       Excavated.       \$121       00         Amount paid to John J. Nawn :       \$82 eu. yds. rock excavation, at \$2.00, 250 cu. yds. earth excavation, at \$1.00, 250 00       \$1,764       00         250 cu. yds. earth excavation, at \$1.00, 250       \$2,014       \$2,014       \$2,135       00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18 days double team, at \$5.00      |        |       | 90   | 00 |               |     |
| Whiting street. Excavated.       \$6,848       88         Teaming and labor       .       .       .       \$121       00         Amount paid to John J. Nawn :       .       .       .       \$121       00         250 cu. yds. rock excavation, at \$2.00, 250       \$1,764       00       2.014       00         2,014       .       .       .       2.014       00         \$2,135       .       .       .       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |        |       |      |    | 222           | 80  |
| Whiting street.         Excavated.           Teaming and labor         .         .         .         \$121 00           Amount paid to John J. Nawn :         .         .         .         \$121 00           250 cu. yds. rock excavation, at \$2.00, 250 00         .         .         .         .           2,014 co         .         .         .         .         .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Work done by the Sewer Division     | •      | •     | •    | •  | 3,298         | 62  |
| Teaming and labor       \$121 00         Amount paid to John J. Nawn:       \$82 eu. yds. rock excavation, at \$2.00, 250 00         250 eu. yds. earth excavation, at \$1.00, 250 00       \$2,014 00         250 200       \$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |        |       |      |    | \$6,848       | 88  |
| Teaming and labor       \$121 00         Amount paid to John J. Nawn:       \$82 eu. yds. rock excavation, at \$2.00, 250 00         250 eu. yds. earth excavation, at \$1.00, 250 00       \$2,014 00         250 200       \$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Whiting street. Excavated.          |        |       |      |    | ALLER WEIGHTS |     |
| Amount paid to John J. Nawn :<br>882 eu. yds. rock excavation, at \$2.00,<br>250 cu. yds. earth excavation, at \$1.00,<br>250 cu. yds. earth excavation, at \$1.00,<br>200 cu. yds. earth excavation, at \$1.00, | 0                                   |        |       |      |    | \$1.21        | 00  |
| 882 eu. yds. rock excavation, at \$2.00,       \$1,764 00         250 eu. yds. earth excavation, at \$1.00, $250 00$ 251 eu. yds. earth excavation, at \$1.00, $250 00$ 250 eu. yds. earth excavation, at \$1.00, $250 00$ 250 eu. yds. earth excavation, at \$1.00, $250 00$ 250 eu. yds. earth excavation, at \$1.00, $250 00$ 250 eu. yds. earth excavation, at \$1.00, $250 00$ 250 eu. yds. earth excavation, at \$1.00, $250 00$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     | •      | •     | *    | •  | · 0141        | 00  |
| 250 cu. yds. earth excavation, at \$1.00, $250\ 00$<br>2,014 C0<br>\$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                   | 0.0    | Ċ1    | 764  | 00 |               |     |
| $\frac{2,014 \ \text{CO}}{\$2,135 \ \text{OO}}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |        |       |      |    |               |     |
| \$2,135 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 200 cu. yus. carti excavation, at 4 | J1.009 |       | 200  | 00 | 2 014         | 00  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |        |       |      |    | 2,011         | 0.0 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |        |       |      |    | \$2,135       | 00  |
| Amount of special appropriation S2 135 (0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |        |       |      |    |               |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Amount of special appropriation     | •      | •     | •    | •  | \$2,135       | 00  |

# SUMMARY OF EXPENDITURES UNDER SPECIAL APPROPRIATIONS.

#### TOTAL AMOUNT EXPENDED.

| Baker street .     |      |  |   |  | \$1,651 | 90 |
|--------------------|------|--|---|--|---------|----|
| Bellflower street  | •    |  |   |  | 3,000   | 00 |
| Blakeville street  |      |  |   |  | 2,342   | 01 |
| Blue Hill avenue   |      |  |   |  | 38,181  | 97 |
| Bumstead lane      |      |  |   |  | 15,551  | 50 |
| Bunker Hill street |      |  |   |  | 372     |    |
| Bushnell street    |      |  |   |  | 3,363   | 33 |
| Charter street     |      |  |   |  | 9       | 20 |
| Commonwealth ave   |      |  |   |  | 304,260 | 99 |
| Congress and L str | eets |  |   |  | 558     | 00 |
| Cranston street    | •    |  |   |  | 568     | 75 |
| Dartmouth street   |      |  |   |  | 5.839   | 65 |
| Day street .       |      |  |   |  | 12,846  | 02 |
| Fay street .       |      |  | • |  | 1,408   | 82 |
| Lewis street .     | •    |  |   |  | 2,319   | 29 |
| Mill street .      | •    |  |   |  | 2,567   | 00 |
| Millet street .    |      |  |   |  | 595     | 88 |
| Montview street    | •    |  |   |  | 4,213   | 28 |
| Mount Vernon stree | et   |  |   |  | 1.325   | 00 |
|                    |      |  |   |  |         | 12 |
| Oak street .       | •    |  |   |  | 3,313   | 38 |

Carried forward,

\$106,192 24

| Brought forwa                                                                                                                                                                                                                                                                                                 | rd,                                                                                                                            |                                                      |                                     |                                       |                                  |                   | \$406,192                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 24                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|---------------------------------------|----------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Park street                                                                                                                                                                                                                                                                                                   |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 1,138                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 23                                                                                                                                       |
| Preston street                                                                                                                                                                                                                                                                                                |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 5,390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
| Ruth street                                                                                                                                                                                                                                                                                                   |                                                                                                                                |                                                      | •                                   |                                       |                                  |                   | 5,586                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 71                                                                                                                                       |
| Second street                                                                                                                                                                                                                                                                                                 |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 7,065                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 69                                                                                                                                       |
| Street Improvemen                                                                                                                                                                                                                                                                                             | ts, Al                                                                                                                         | lderm                                                | anie I                              | Distric                               | t No.                            | 1:                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                          |
| Bennington stree                                                                                                                                                                                                                                                                                              |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 4,166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18                                                                                                                                       |
| Chelsea street                                                                                                                                                                                                                                                                                                |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 9,050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44                                                                                                                                       |
| Moore street                                                                                                                                                                                                                                                                                                  |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 904                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18                                                                                                                                       |
| New edgestone,                                                                                                                                                                                                                                                                                                | sidew                                                                                                                          | alks, a                                              | and gu                              | itters                                |                                  |                   | 549                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 70                                                                                                                                       |
| Sewers .                                                                                                                                                                                                                                                                                                      |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 2,379                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 86                                                                                                                                       |
| Street Improvemen                                                                                                                                                                                                                                                                                             | ts, Al                                                                                                                         | lderm                                                | anic I                              | Distric                               | t No.                            | 2:                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                          |
| Alford street                                                                                                                                                                                                                                                                                                 |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 1,440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 13                                                                                                                                       |
| Austin street                                                                                                                                                                                                                                                                                                 |                                                                                                                                |                                                      | •                                   |                                       |                                  |                   | 5,064                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                                                                                                                       |
| Chapman street                                                                                                                                                                                                                                                                                                |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 4,557                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 55                                                                                                                                       |
| Charles street                                                                                                                                                                                                                                                                                                |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 1,342                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
| Main street cross                                                                                                                                                                                                                                                                                             | sing                                                                                                                           | -                                                    |                                     |                                       |                                  |                   | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 90                                                                                                                                       |
| 35 30 3                                                                                                                                                                                                                                                                                                       | •                                                                                                                              |                                                      |                                     |                                       |                                  |                   | 585                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 00                                                                                                                                       |
| Phipps street                                                                                                                                                                                                                                                                                                 |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 1,227                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 84                                                                                                                                       |
| Rutherford avenu                                                                                                                                                                                                                                                                                              |                                                                                                                                |                                                      |                                     |                                       |                                  |                   | 6,403                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
| Thompson street                                                                                                                                                                                                                                                                                               |                                                                                                                                | •                                                    |                                     |                                       |                                  |                   | 267                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 18                                                                                                                                       |
| Sewers .                                                                                                                                                                                                                                                                                                      |                                                                                                                                | •                                                    | • •                                 |                                       |                                  |                   | 1,173                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
| Street Improvemen                                                                                                                                                                                                                                                                                             | ι<br>te Δl                                                                                                                     | derme                                                | nie T                               | )<br>istria                           | t No                             | 3.                | 1,110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 90                                                                                                                                       |
| Chambers street,                                                                                                                                                                                                                                                                                              | Ashl                                                                                                                           | and to                                               | h Brig                              | hton s                                | street                           | 0.                | 6,521                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 35                                                                                                                                       |
| Sewers .                                                                                                                                                                                                                                                                                                      | Astr                                                                                                                           | ana o                                                | Ding                                | nion .                                | Surceu                           | •                 | 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18                                                                                                                                       |
| Street Improvemen                                                                                                                                                                                                                                                                                             | ·<br>te Δl                                                                                                                     | derme                                                | nie F                               | Distric                               | t No                             | 4.                | ••                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10                                                                                                                                       |
| Court square                                                                                                                                                                                                                                                                                                  | 1.59 201                                                                                                                       | uci mi                                               | and L                               | 150110                                | 0 110.                           | 1.                | 2,992                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20                                                                                                                                       |
| Harrison avenue.                                                                                                                                                                                                                                                                                              | •                                                                                                                              | •                                                    | •                                   | • •                                   |                                  | • •               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                               | HOOD                                                                                                                           | $\nabla 10$                                          | Roach                               | stroop                                | f                                |                   | 6 496                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 80                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                               | , Esse                                                                                                                         | ex to 1                                              | Beach                               | stree                                 | t .                              | • •               | 6,496<br>1 535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                          |
| Mason street                                                                                                                                                                                                                                                                                                  |                                                                                                                                | • to                                                 | Beach<br>•                          | stree:                                | t .                              | · ·               | 1,535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 04                                                                                                                                       |
| Mason street<br>Pemberton squar                                                                                                                                                                                                                                                                               | е                                                                                                                              | •                                                    | •                                   | • •                                   |                                  | · ·               | $1,535 \\ 8,934$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\begin{array}{c} 04 \\ 42 \end{array}$                                                                                                  |
| Mason street<br>Pemberton squar<br>Washington stree                                                                                                                                                                                                                                                           | е                                                                                                                              | •                                                    | •                                   | • •                                   |                                  | · ·               | $1,535 \\ 8,934 \\ 10,841$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\begin{array}{c} 04\\ 42\\ 80 \end{array}$                                                                                              |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers                                                                                                                                                                                                                                                 | e<br>et, El                                                                                                                    | iot to                                               | Knee                                | land s                                | treet                            |                   | $1,535 \\ 8,934$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\begin{array}{c} 04\\ 42\\ 80 \end{array}$                                                                                              |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen                                                                                                                                                                                                                            | e<br>et, El<br>ts, Al                                                                                                          | iot to                                               | Knee                                | land s                                | treet                            |                   | $1,535 \\ 8,934 \\ 10,841 \\ 479$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $04 \\ 42 \\ 80 \\ 41$                                                                                                                   |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street                                                                                                                                                                                                         | e<br>et, El<br>ts, Al                                                                                                          | iot to                                               | Knee                                | land s                                | treet                            |                   | 1,5358,93410,8414792,159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 04<br>42<br>80<br>41<br>38                                                                                                               |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers                                                                                                                                                                                               | ·<br>e<br>et, El<br>·<br>ts, Al<br>·                                                                                           | iot to                                               | Knee<br>anic D                      | land s<br>Distric                     | treet<br>t No.                   | 5:                | 1,5358,93410,8414792,159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | $04 \\ 42 \\ 80 \\ 41$                                                                                                                   |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen                                                                                                                                                                          | ·<br>e<br>et, El<br>·<br>ts, Al<br>·                                                                                           | iot to                                               | Knee<br>anic D                      | land s<br>Distric                     | treet<br>t No.                   | 5:                | 1,535<br>8,934<br>10,841<br>479<br>2,159<br>92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | $     \begin{array}{r}       04 \\       42 \\       80 \\       41 \\       38 \\       34 \\     \end{array} $                         |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street                                                                                                                                                            | e<br>et, El<br>ts, Al<br>ts, Al                                                                                                | iot to<br>derm:                                      | Knee<br>anic E<br>anic E            | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | 1,5358,93410,8414792,15992239                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 04<br>42<br>80<br>41<br>38<br>34<br>23                                                                                                   |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers .<br>Street Improvemen<br>Harcourt street<br>Sewers .<br>Street Improvemen<br>Ash street .<br>Essex street, Cha                                                                                                                                 | e<br>et, El<br>ts, Al<br>ts, Al<br>auncy                                                                                       | iot to<br>derm:<br>derm:<br>derm:<br>to Sc           | Knee<br>anic D<br>anic D            | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $     \begin{array}{r}       04 \\       42 \\       80 \\       41 \\       38 \\       34 \\       23 \\       71 \\     \end{array} $ |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>Essex street, Cha<br>Essex and Linco                                                                                                                    | e<br>et, El<br>ts, Al<br>ts, Al<br>auncy<br>ln stro                                                                            | iot to<br>derm<br>derm<br>derm<br>to Sc              | Knee<br>anic E<br>anic E            | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 1,455 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,55 \\ 1,$ | $\begin{array}{c} 04 \\ 42 \\ 80 \\ 41 \\ 38 \\ 34 \\ 23 \\ 71 \\ 00 \end{array}$                                                        |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers .<br>Street Improvemen<br>Harcourt street<br>Sewers .<br>Street Improvemen<br>Ash street .<br>Essex street, Cha<br>Essex and Linco<br>Foundry street                                                                                            | e<br>et, El<br>ts, Al<br>ts, Al<br>auncy<br>ln stro                                                                            | iot to<br>derm<br>derm<br>derm<br>to Sc              | Knee<br>anic E<br>anic E            | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,$                         | $\begin{array}{c} 04 \\ 42 \\ 80 \\ 41 \\ 38 \\ 34 \\ 23 \\ 71 \\ 00 \\ 79 \end{array}$                                                  |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers .<br>Street Improvemen<br>Harcourt street<br>Sewers .<br>Street Improvemen<br>Ash street .<br>E-sex street, Cha<br>Essex and Linco<br>Foundry street<br>Tufts street                                                                            | e<br>et, El<br>ts, Al<br>ts, Al<br>auncy<br>ln stro                                                                            | iot to<br>derm:<br>derm:<br>derm:<br>to Sc           | Knee<br>anic E<br>anic E            | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ \end{cases}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ \end{array}$                                                    |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street .<br>Essex street, Cha<br>Essex and Lincol<br>Foundry street<br>Tufts street<br>Bridges                                                                    | e<br>et, El<br>ts, Al                                                                                                          | iot to<br>iderma<br>iderma<br>iderma<br>to Sceets    | Knee<br>anic D<br>anic D<br>outh st | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 1,50 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,760 \\ 2,$                         | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ \end{array}$                                                    |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>Essex street, Cha<br>Essex and Linco<br>Foundry street<br>Tufts street<br>Bridges<br>Street Improvemen                                                  | e<br>et, El<br>ts, Al<br>auncy<br>ln stro<br>ts, Al                                                                            | iot to<br>derma<br>derma<br>to So<br>eets<br>derma   | Knee<br>anic D<br>outh st           | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ 6,586 \\ \end{cases}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ 70\\ \end{array}$                                               |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>Essex street, Cha<br>Essex and Linco<br>Foundry street<br>Tufts street<br>Bridges<br>Street Improvemen<br>Boston street                                 | e<br>et, El<br>ts, Al                                                                                                          | iot to<br>derma<br>derma<br>to So<br>eets<br>derma   | Knee<br>anic D<br>anic D<br>outh st | land s<br>Distric<br>Distric          | treet<br>t No.<br>t No.          | 5:                | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ 6,586 \\ 9,798 \\ \end{cases}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ 70\\ 34\\ \end{array}$                                          |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>E-ssex street, Cha<br>E-ssex and Linco<br>Foundry street<br>Tufts street<br>Bridges<br>Street Improvemen<br>Boston street<br>Sewers                     | ·<br>e<br>et, El<br>·<br>ts, Al<br>·<br>ts, Al<br>·<br>·<br>ts, Al<br>·<br>·                                                   | iot to<br>iot to<br>iderma<br>to So<br>eets<br>derma | Knee<br>anic D<br>outh st           | land s<br>Distric<br>Distric<br>Irect | treet<br>t No.<br>t No.<br>t No. | 5 :<br>6 :<br>7 : | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ 6,586 \\ \end{cases}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ 70\\ 34\\ \end{array}$                                          |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>Essex street, Cha<br>Essex and Lincol<br>Foundry street<br>Tufts street<br>Bridges<br>Street Improvemen<br>Boston street<br>Sewers<br>Street Improvemen | •<br>e<br>et, El<br>•<br>ts, Al<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>•<br>• | iot to<br>iot to<br>iderma<br>to So<br>eets<br>derma | Knee<br>anic D<br>outh st           | land s<br>Distric<br>Distric<br>Irect | treet<br>t No.<br>t No.<br>t No. | 5 :<br>6 :<br>7 : | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ 6,586 \\ 9,798 \\ 215 \\ 215 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ $                                                              | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ 70\\ 34\\ 52\\ \end{array}$                                     |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>Essex and Linco<br>Foundry street<br>Tufts street<br>Bridges<br>Street Improvemen<br>Boston street<br>Sewers<br>Street Improvemen<br>Albany street      | e<br>et, El<br>its, Al<br>its, Al<br>its, Al<br>its, Al<br>its, Al                                                             | iot to<br>derma<br>to So<br>eets<br>derma            | Knee<br>anic D<br>outh st           | land s<br>Distric<br>Distric<br>Irect | treet<br>t No.<br>t No.<br>t No. | 5 :<br>6 :<br>7 : | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ 6,586 \\ 9,798 \\ 215 \\ 3,810 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 $                                                               | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 00\\ 79\\ 35\\ 70\\ 34\\ 52\\ 76\\ \end{array}$                                |
| Mason street<br>Pemberton squar<br>Washington stree<br>Sewers<br>Street Improvemen<br>Harcourt street<br>Sewers<br>Street Improvemen<br>Ash street<br>Essex street, Cha<br>Essex and Lincol<br>Foundry street<br>Tufts street<br>Bridges<br>Street Improvemen<br>Boston street<br>Sewers<br>Street Improvemen | e<br>et, El<br>its, Al<br>its, Al<br>auncy<br>ln stro<br>its, Al<br>its, Al                                                    | iot to<br>derma<br>to So<br>eets<br>derma            | Knee<br>anic D<br>outh st           | land s<br>Distric<br>Distric<br>Irect | treet<br>t No.<br>t No.<br>t No. | 5 :<br>6 :<br>7 : | $1,535 \\ 8,934 \\ 10,841 \\ 479 \\ 2,159 \\ 92 \\ 239 \\ 12,136 \\ 1,455 \\ 2,760 \\ 344 \\ 6,586 \\ 9,798 \\ 215 \\ 215 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ 10,100 \\ $                                                              | $\begin{array}{c} 04\\ 42\\ 80\\ 41\\ 38\\ 34\\ 23\\ 71\\ 000\\ 79\\ 35\\ 70\\ 34\\ 52\\ 76\\ 40\\ \end{array}$                          |

Carried forward,

\$553,363 91

# STREET DEPARTMENT — PAVING DIVISION. 219

| Brought forwa                                                                    | rđ,                |             |            |        |        |               |   | \$553,363          | 91           |
|----------------------------------------------------------------------------------|--------------------|-------------|------------|--------|--------|---------------|---|--------------------|--------------|
| Street Improvemen                                                                | its, A             | ldern       | nanic      | Distr  | ict No | <b>5.</b> 9 : |   |                    |              |
| Brookline avenue                                                                 | 5                  | •           | •          | •      | •      | •             |   | 1,902              |              |
| Heath street                                                                     | •                  | •           | •          | •      | •      | •             | ٠ | 16, 365            |              |
| Brookline avenue<br>Heath street<br>Sewall street                                |                    | •           | •          | •      | •      | •             | ٠ | 1,562              |              |
| Sewers .<br>Street Improvemen                                                    | •                  | •           | •          | •      | •      | •             | ٠ | $4,\!225$          | $75^{\circ}$ |
| Street Improvemen                                                                | ts, A              | ldern       | nanie      | Distr  | iet No | 5.11          | : |                    |              |
| Henshaw street                                                                   | •                  |             | •          |        | •      |               |   |                    | 30           |
| Lagrange street                                                                  | •                  | •           | •          | •      | •      | •             | • | 5,364              |              |
| Sycamore street                                                                  | •                  | •           | •          |        | •      |               | • | 46                 |              |
| Lagrange street<br>Sycamore street<br>Washington street                          | et (R              | osline      | dale)      | •      | •      | •             | ٠ | 6,638              |              |
| Wilson square<br>Bridges .                                                       | •                  | •           | •          | •      | •      | •             | ٠ | $1,\!179$          |              |
| Bridges .                                                                        | •                  | •           | •          | •      | •      | •             | • | 344                |              |
| Sewers .                                                                         |                    |             | •          |        | •      | •             |   | 2,013              | 20           |
| Street Improvemen                                                                | ts, A              | ldern       | nanie      | Distr  | iet No | (12)          | : |                    |              |
| Park street                                                                      | •                  | •           | •          | •      | •      | •             | ٠ | 3,693              |              |
| Sewers .                                                                         |                    |             | •          | •      | •      | •             | ٠ | 217                | 15           |
| Street Improvemen                                                                |                    |             |            |        |        |               |   |                    |              |
| New edgestone,                                                                   | sidew              | alks,       | and g      | gutter | s      | •             | ٠ | 2,308              | 44           |
| Sewers<br>Street Improvemen                                                      | •                  | •           | •          | •      | •      | •             | ٠ | 2,791              | 92           |
| Street Improvemen                                                                | ts, W              | ard a       | 3:         |        |        |               |   |                    |              |
| Sprague street                                                                   | •                  | •           | •          | •      | •      | •             | ٠ | 2,531              |              |
| Sewers .                                                                         | •                  | •           | •          | •      | •      | •             | ٠ | 16                 | 75           |
| Street Improvemen                                                                |                    |             |            |        |        |               |   | 00 <b>F</b>        | 0.0          |
| Charles-river and                                                                | l Wai              | rren t      | oridge     | s      | ٠      | •             | • | 895                |              |
| Sewers .<br>Street Improvemen                                                    | •                  | •           | •          | •      | •      | •             | • | 308                | 19           |
| Street Improvemen                                                                | ts, W              | ard t       | 5:         |        |        |               |   | 0.24               | 0.0          |
| Batterymarch str                                                                 | reet               | •           | •          | •      | •      | •             | ٠ | 924                |              |
| Charter street                                                                   |                    | •           | •          | •      | •      | •             | • | 2,758              |              |
| Sewers .                                                                         | •                  |             |            | •      | •      | •             | • | 681                | 20           |
| Street Improvemen                                                                |                    |             |            |        |        |               |   | 5 101              | 90           |
| Bowker street                                                                    | •                  | •           | •          | •      | •      | •             | • | 5,184              |              |
| Causeway street                                                                  | •                  | •           | •          | •      | •      | •             | • | 19,460             | 81           |
| North Margin str                                                                 | eet                | •           | •          | •      | •      | •             | ٠ | 101                |              |
| Salt lane .                                                                      | •                  | •           | •          | •      | •      | •             | ٠ | 420                |              |
| Causeway street<br>North Margin str<br>Salt lane<br>Sewers<br>Street Improvement | •<br>• • • • • • • | •           | •          | •      | •      | •             | • | 75                 | 00           |
| Street Improvement                                                               | ts, w              | ara e       | »:         |        |        |               |   | 713                | 4.5          |
| Barton court<br>Cambridge street                                                 | •                  | •           | •          | •      | •      | •             | • |                    |              |
| Chambers street,                                                                 | 0                  | •<br>       | ·<br>Daula | •      | •      | •             | • | $^{8,655}_{3,002}$ | 02           |
| Champers street,                                                                 | Gree               | en to       | Popta      | r stre | eet    | •             | • | 5,002<br>867       |              |
| Sewers .<br>Street Improvement                                                   | •<br>• • • •       | •           | •          | •      | •      | •             | • | 007                | 10           |
| Street Improvement                                                               | is, w              | arus        | ranc       | 10:    |        |               |   | 151                | 85           |
| Sewers .<br>Street Improvement                                                   | ·<br>W             | •           | <b>.</b> . | •      | •      | •             | • | 101                | 0.)          |
| Street Improvement                                                               | s, w               | ara i       | 0:         |        |        |               |   | 785                | 60           |
| Sewers .<br>Street Improvement<br>Charles street                                 | •<br>to W          | ·           | •<br>0 and | 10.    | •      | •             | • | 100                | 00           |
| Charles street                                                                   | 1.5, 11            | aras        | 5 and      | 110;   |        |               |   | 6,010              | 95           |
| Derne street                                                                     | •                  | ٠           | •          | •      | •      | •             | • | 1,500              |              |
| <u>(</u> 1)                                                                      | •                  | •           | •          | •      | •      | •             | • | 525                |              |
| Sewers .<br>Street Improvement                                                   | •<br>•             | •<br>9 rd 1 | •) •       | ÷.     |        | •             | • | 040                | 04           |
| Sewers .                                                                         | 109 11             | ard 1       | • ش        |        |        |               |   | 124                | 26           |
| Schers .                                                                         | •                  | •           | •          | •      | •      | •             | • | 1-1                |              |
| Carried forwar                                                                   | d,                 |             |            |        |        |               |   | \$657,764          | 12           |

| Brought forward                                                                                                                                                                                                                                             |               |            |                |               |   |   | \$657,761           | 19  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|----------------|---------------|---|---|---------------------|-----|
|                                                                                                                                                                                                                                                             | ard           | 14.        |                |               |   |   | QUJ ( , 1 U F       | 12  |
| Street Improvements, W<br>East Eighth street<br>New edgestone, sidew                                                                                                                                                                                        | aru           | 17.        |                |               |   |   | 10,668              | 07  |
| New edgestone sidew                                                                                                                                                                                                                                         | alle          | and        | •<br>crutto    | •<br>rc       | • | • | 10,668<br>249<br>68 | 35  |
| Story street                                                                                                                                                                                                                                                | ains,         | and        | gune           | 10            | • | • | 68                  | 60  |
| Bridge                                                                                                                                                                                                                                                      | •             | •          | •              | •             | • | • | 291                 |     |
| Sowers                                                                                                                                                                                                                                                      | •             | •          | •              | •             | • | • | $\frac{251}{25}$    | 90  |
| Story street<br>Bridges<br>Sewers<br>Street Improvements, W                                                                                                                                                                                                 | ·<br>and      | 15.        | •              | •             | • | • | 20                  | 00  |
| New edgestone, sidew.                                                                                                                                                                                                                                       | alta.         | io:<br>and | gutto          | 110           |   |   | 254                 | 15  |
| Valo street                                                                                                                                                                                                                                                 | ans,          | anu        | gutte          | rs            | • | • | 711                 |     |
| Somorg                                                                                                                                                                                                                                                      | •             | •          | •              | •             | • | • | 18                  |     |
| Vale street .<br>Sewers .<br>Street Improvements, W                                                                                                                                                                                                         | •<br>found of | 17         | •<br>• • • • • | •             | • | • | 10                  | 00  |
| Doutmonth street                                                                                                                                                                                                                                            | arus          | 11         | and re         |               |   |   | 6 145               | 90  |
| Dartmouth street<br>Ivanhoe street<br>Wilkes street                                                                                                                                                                                                         | •             | •          | •              | •             | • | • | 6,145               | 30  |
| Willing street                                                                                                                                                                                                                                              | •             | •          | •              | •             | • | • | 624                 | 49  |
| Winkes street .                                                                                                                                                                                                                                             | •             | •          | •              | •             | • | • | 131                 |     |
| Sewers                                                                                                                                                                                                                                                      | · .           |            |                | •             | • | • | 1,313               | 11  |
| Sewers<br>Street Improvements, W                                                                                                                                                                                                                            | ards          | 19 8       | and 22         | :             |   |   |                     | 0.0 |
| Edge Hill street .                                                                                                                                                                                                                                          | •             | •          | •              | •             | • | • | 710                 |     |
| Evergreen street                                                                                                                                                                                                                                            | •             | •          | •              | •             | • | • | 754                 |     |
| Edge Hill street .<br>Evergreen street<br>Mountfort street                                                                                                                                                                                                  | •             | •          | •              | •             | • | • | 3,719               | 10  |
| New edgestone, sidew                                                                                                                                                                                                                                        | alks,         | and        | gutte          | $\mathbf{rs}$ |   | • | 958                 |     |
| Bridges                                                                                                                                                                                                                                                     | •             | •          | •              | •             | • | • | 2,541               |     |
| Sewers                                                                                                                                                                                                                                                      | •             | •          | •              | •             | • | • | 1,202               | 03  |
| Bridges<br>Sewers<br>Street Improvements, W                                                                                                                                                                                                                 | ard 2         | 20:        |                |               |   |   |                     |     |
| New edgestone, sidew                                                                                                                                                                                                                                        | 9 KS.         | and        | outte          | rs            | • | • | 638                 |     |
| Norfolk avenue .                                                                                                                                                                                                                                            | •             | •          | •              | •             | • | • | 187                 |     |
| Norfolk avenue .<br>Sewers<br>Street Improvements, W                                                                                                                                                                                                        | •             | •          |                |               | - | • | 376                 | 22  |
| Street Improvements, W                                                                                                                                                                                                                                      | ard 2         | 21:        |                |               |   |   |                     |     |
| Catawba street .                                                                                                                                                                                                                                            |               | •          |                | •             |   |   | 998                 | 00  |
| Centre street .                                                                                                                                                                                                                                             | •             | •          |                | •             | • |   | 839                 | 70  |
| Holland street .                                                                                                                                                                                                                                            |               |            |                |               |   |   | 434                 | 25  |
| Howland street .                                                                                                                                                                                                                                            |               |            |                |               |   |   | 203                 |     |
| Catawba street .<br>Centre street .<br>Holland street .<br>New edgestone, sidew.<br>Thwing street                                                                                                                                                           | alks,         | and        | gutter         | rs            |   |   | 3,725               |     |
| Thwing street .                                                                                                                                                                                                                                             |               |            | Ĩ.             |               |   |   | 1,297               | 83  |
|                                                                                                                                                                                                                                                             |               | 23 £       | and $25$       | :             |   |   |                     |     |
| Brookfield street .                                                                                                                                                                                                                                         |               |            |                |               |   |   | 1,106               | 88  |
| Cambridge street                                                                                                                                                                                                                                            |               |            |                |               |   |   | 745                 | 00  |
| Catharine street .                                                                                                                                                                                                                                          |               |            |                |               |   |   | 773                 | 50  |
| Concrete sidewalks                                                                                                                                                                                                                                          |               |            |                |               |   |   | 516                 | 83  |
| Elko street .                                                                                                                                                                                                                                               |               |            |                |               |   |   | 875                 |     |
| Farrington avenue                                                                                                                                                                                                                                           |               |            |                |               |   |   | 104                 |     |
| Highgate street .                                                                                                                                                                                                                                           |               |            |                |               |   |   | 3,077               | 67  |
| Landseer street .                                                                                                                                                                                                                                           |               |            |                |               |   |   | 1,387               |     |
| Linden street                                                                                                                                                                                                                                               |               |            |                |               |   |   | 953                 |     |
| Street Improvements, W<br>Brookfield street .<br>Cambridge street<br>Catharine street .<br>Concrete sidewalks<br>Elko street .<br>Farrington avenue<br>Highgate street .<br>Landseer street .<br>Linden street .<br>New edgestone, sidew.<br>Ophir street . | alks.         | and        | gutte          | rs            |   |   | 1,368               |     |
| Ophir street                                                                                                                                                                                                                                                |               |            |                |               |   |   | 978                 |     |
| Pond street                                                                                                                                                                                                                                                 |               |            |                |               |   |   | 2,173               |     |
| Roberts street .                                                                                                                                                                                                                                            |               |            |                |               |   |   | 201                 |     |
| Roberts street .<br>Washington street (Bi<br>Bridges                                                                                                                                                                                                        | ighte         | )<br>n)    |                |               |   |   | 5,210               |     |
| Bridges                                                                                                                                                                                                                                                     |               |            |                |               |   |   | 759                 |     |
| Bridges<br>Sewers                                                                                                                                                                                                                                           |               |            |                |               |   | • |                     |     |
|                                                                                                                                                                                                                                                             |               | ·          | Ţ              |               |   |   |                     |     |

Carried forward,

\$718,601 71

| Brought forwar                                                              | d.        |        |         |        |            |          | ş   | \$718,601 7                             | 1  |
|-----------------------------------------------------------------------------|-----------|--------|---------|--------|------------|----------|-----|-----------------------------------------|----|
| Street Improvement                                                          | s. W      | ard    | 24      |        |            |          |     | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -  |
|                                                                             |           |        |         |        |            |          |     | 43 0                                    | 7  |
| Clarkson street                                                             | •         | ÷      |         |        |            |          |     | $302 \ 1$                               |    |
| Crescent avenue                                                             |           |        |         |        | •          |          |     | 2,758 1                                 |    |
| Dungen street                                                               |           |        | •       |        |            |          | ÷   | 640 3                                   |    |
| Glenway street                                                              |           |        |         |        |            |          | ,   | 4,376 4                                 |    |
| Greenheys street                                                            |           | Ť.     |         |        |            |          |     | 205 3                                   |    |
| Glenway street<br>Greenheys street<br>King street.<br>Lawrence avenue       |           | ÷      | •       |        |            |          |     | 4,627 9                                 |    |
| Lawrence avenue                                                             |           |        |         |        |            |          |     | 1,355 6                                 |    |
| Lyndhurst street                                                            |           |        | •       |        |            |          |     | 4,311 7                                 |    |
| Mayfield street                                                             |           |        |         |        |            |          |     | 471 7                                   |    |
| New edgestone, s                                                            | sidew     | alk    | s. and  | ontte  | ers        | Ĭ        |     | 781 2                                   |    |
| Sagamore street                                                             |           |        |         |        |            |          | ·   | 150 7                                   |    |
| Sagamore street<br>Spencer street                                           |           |        | •       | ÷      |            |          |     | 97 5                                    |    |
| Virginia street                                                             |           |        |         | ÷      |            |          |     | 83 4                                    |    |
| Willis street                                                               | •         |        |         |        | •          | •        |     | 2,391 9                                 |    |
| Bridges                                                                     | •         |        |         | •      | •          | •        | •   | 792 8                                   |    |
| Bridges .<br>Sewers .                                                       | •         | •      |         |        | •          | •        | •   | 7,908 8                                 |    |
| Street Improvemen                                                           | te M      | 7 n 14 | 1 25 .  | •      | •          | •        | •   | •,000 0                                 |    |
| Buighton avanua                                                             | 10, 1     | 1      | .4 20.  |        |            |          |     | 61 8                                    | 30 |
| Brighton avenue<br>Talbot avenue                                            | •         | •      | •       | •      | •          | •        | •   | 18,501 4                                |    |
| Thetford street                                                             | •         | •      | •       | •      | •          | •        | •   | 5,867 1                                 |    |
| Utica street, Hai                                                           |           | to.    | Knoolo  | nd o   | •<br>troot | •        | •   | 4,909 4                                 |    |
| Utica street, Kne                                                           |           |        |         |        |            | •        | •   | 794 2                                   |    |
| Van Daugealaan                                                              | looo      | ստ     | Deach   | stre   | et         | •        | •   | 450 0                                   |    |
| Washington atro                                                             | hace      |        | ton     | •      | •          | •        | •   | 6,848 8                                 |    |
| Whiting street                                                              | е, Б      | ngi    | 11011   | •      | •          | •        | •   | 2,135 (                                 |    |
| Van Renssalaer j<br>Washington stree<br>Whiting street<br>Laying Out and Co | •<br>notu | ti     | on of E | Lioba  | •          | •        | ۰   | ,100 C                                  | 0  |
| Sewer constructi                                                            | onstru    | lett   |         | nguv   | ays.       |          |     | 2,883 5                                 | 58 |
|                                                                             |           | •      | •       | •      | •          | •        | •   | 3,048 2                                 |    |
| Arundel street<br>Batavia street                                            |           | •      | •       | •      | •          | •        | •   | 411 (                                   |    |
|                                                                             | •         | •      | •       | •      | •          | •        | •   | 3,589 9                                 |    |
| Bay State road                                                              | •         | •      | •       | •      | •          | •        | •   | 9,604                                   |    |
| Boylston street                                                             | •         | •      | •       | •      | •          | •        | •   | 2,658                                   |    |
| Deerfield street                                                            | •         | •      | •       | •      | •          | •        | •   | 10 2                                    |    |
| Huntington aver                                                             | ue        | •      | •       | •      | •          | •        | •   | 8,302                                   |    |
| Ivy street .                                                                |           | •      | •       | •      | •          | •        | •   | 255                                     |    |
| Miner street                                                                |           | •      | •       | •      | •          | •        | •   | 4,367                                   |    |
| Mountfort street                                                            |           | •      | •       | •      | •          | •        | •   | 14,536                                  |    |
| Newbury street                                                              |           | •      | •       | •      | •          | •        | •   | 14,550 (151)                            |    |
| Norway street                                                               |           | •      | •       | •      | •          | •        | • ( | 21,805                                  |    |
| Parker street                                                               |           | •      | •       | •      | •          | •        | •   | 1,747                                   |    |
| St. Germain stre                                                            |           | *      | •       | •      | •          | •        | *   | 1,747                                   |    |
| Sherborn street                                                             |           | •      | •       | •      | •          | •        | •   | 10                                      |    |
| Turner street                                                               | •         | •      | •       | •      | •          | •        | •   | 10                                      | 00 |
| Wetel                                                                       |           |        |         |        |            |          |     | \$862,863                               | ān |
| Total .                                                                     | •         | °.     | •       |        | · fan      | ,<br>Dar |     | ¢002,000                                | 50 |
| Less amount paid                                                            | out       | 01     | approl  | oriati | on tor     | rav      | mg  | 99 150                                  | 10 |
| Division .                                                                  | •         | *      | •       | •      | •          | •        | •   | $23,\!150$                              | 14 |
| Total .                                                                     |           |        |         |        |            |          |     | \$839,713                               | 78 |
|                                                                             |           |        |         |        |            |          |     | , .                                     |    |

# LAYING OUT AND CONSTRUCTION OF HIGHWAYS.

| 0                            | - 4           |                |                 |                        |        |                               |      |           |            |
|------------------------------|---------------|----------------|-----------------|------------------------|--------|-------------------------------|------|-----------|------------|
| Sewer con                    | istruc        | stion :        | •               |                        |        |                               |      |           | ¢1 000 10  |
| Labor                        | •             | •              | •               | •                      | •      | •                             | •    | •         | \$1,800 16 |
| Teaming                      | •             | •              | •               | •                      | •      | •                             | •    | •         | 682 50     |
| Gravel                       | •             | •              | •               | •                      | •      | •                             | •    | •         | 400 92     |
|                              |               |                |                 |                        |        |                               |      |           | 40.000 ±0  |
|                              |               |                |                 |                        |        |                               |      |           | \$2,883 58 |
| Arundel sti                  | eet.          | Beac           | on to           | Mou                    | ntfort | street                        |      |           |            |
|                              | ,             | 2000           |                 |                        |        |                               |      |           | \$278 46   |
| Labor .                      | •             | •              | •               | •                      | •      | •                             | •    | •         | 557 70     |
| Stone .                      | •             | •              | •               | •                      | •      | •                             | •    | •         | $99 \ 37$  |
| Advertising                  |               | •              | •               | •                      | •      | •                             | •    | •         | 29057      |
| 447 ft. straig               | gnt e         | agest          | one             | •                      | •      | •                             | •    | •         |            |
| $42_{\frac{6}{12}}$ ft. eire | ular (        | edges          | tone            | •                      | •      | •                             | •    | •         | 55 25      |
| 1 large and a                |               |                |                 | •                      | •      | •                             | •    | •         | $15 \ 65$  |
| Amount p                     | aid to        | ) H. (         | Gore            | & Co                   | .:     |                               |      |           |            |
| 122 cu. yds.                 | sub-g         | gradir         | ıg, at          | 25 c                   | ts.    |                               | \$30 | 50        |            |
| 796 sq. yds.                 | maca          | idam.          | , at 20         | ) cts.                 | •      | •                             | 159  | 20        |            |
| 228.8 sq. yd                 | s. gu         | tters,         | at \$2          | 1.35                   |        | •                             | 537  | 68        |            |
| 579.5 ft. edg                | gestoi        | ie set         | , at 3          | 0 cts.                 |        |                               | 173  | 85        |            |
| 411.7 sq. yd                 | s. bri        | ck pa          | wing,           | at \$1                 | 1.05   |                               | 432  | 29        |            |
| 48.4 sq. yds.                | flag          | ging e         | crossi          | ngs, a                 | at \$4 |                               | 193  | 60        |            |
| 246.5 cu. yd                 | s. gr         | avel,          | at \$1          | .20                    |        |                               | 295  | 80        |            |
| 10.5 sq. yds                 | . gui         | ters           | repav           | ed, a                  | t 85 d | ets.                          | 8    | 93        |            |
| Work at H                    |               |                |                 |                        |        |                               | te • |           |            |
| $\frac{1}{2}$ day, single    | toor          | n su o         | се, п<br>¢з     |                        |        | \$1 50                        |      |           |            |
| 7 hours' labo                | s teat        | e 1 7          | φ <b>υ</b><br>5 | •                      |        | 1 36                          |      |           |            |
| 1 day dauble                 | <i>n</i> , at |                | ot \$7          | •                      | •      | $\frac{1}{3}$ 50              |      |           |            |
| 1 day double                 | e cara        | ¢1 7           | at ¢7<br>5      |                        | •      | 1 50                          |      |           |            |
| 8 hours' labo                | r, at         | ₫ <b>1.</b> /« | J<br>. 4 @ 9    | •                      | •      | $\frac{1}{2}$ $\frac{50}{17}$ |      |           |            |
| 5 hours' stor                | ie-cui        | uter, a        | at oo.          | 91                     | •      | 2 1 (                         |      |           |            |
|                              |               |                |                 |                        |        | 10 09                         |      |           |            |
| 4 11 17                      |               |                |                 |                        |        |                               |      |           |            |
| Add 15 per o                 | cent.         |                | • •             | •                      | •      | $1 \ 51$                      | 11   | <u>co</u> |            |
|                              |               |                |                 |                        | -      |                               | 11   | 60        | 1 049 45   |
|                              |               |                |                 |                        |        |                               |      |           | 1,843 45   |
|                              |               |                |                 |                        |        |                               |      |           | 09 140 49  |
|                              |               | 0              | TT O            |                        | a      |                               |      |           | \$3,140 43 |
| Amount reta                  | ined          | from           | <b>H</b> . G    | ore d                  | z Co.  |                               |      |           | $92 \ 17$  |
|                              |               |                |                 |                        |        |                               |      |           | 69.040.90  |
|                              |               |                |                 |                        |        |                               |      |           | \$3,048 26 |
| Batavia str                  | oot           | St S           | tenhe           | n to I                 | Parker | r stree                       | t.   |           |            |
|                              |               |                |                 |                        |        |                               |      | oulz      |            |
| Amount reta                  |               |                |                 |                        | ant &  | 5 00. 1                       | or w | Ork       | \$411 02   |
| done unde                    | r con         | tiact          | in 18           | 95                     | •      | •                             | •    | •         | φ411 U2    |
| -                            |               | -              |                 | <i><i><b>G</b></i></i> |        |                               |      |           |            |
| Bay State 1                  | oad,          | Rale           | igh to          | Shei                   | born   | street                        |      |           |            |
| Labor .                      |               |                |                 |                        |        |                               |      |           | 52 00      |
|                              |               |                |                 |                        |        |                               |      |           |            |
| Carried                      | forw          | ard,           |                 |                        |        |                               |      |           | \$52 00    |
|                              | 5             | ,              |                 |                        |        |                               |      |           |            |

| Brought forward,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $$52 \ 00$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Amount paid to James Killian :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20 50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| or our just sub grunning, no or other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 89-70<br>30-56                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30 56<br>79 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.616 lin. ft. edgestone set. at 98 cts. $2.50$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 63 68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 3.209 sq. yds. gravel sidewalks, at 46 cts. 1,47                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 76 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 183.4 sq. yds. cross-walks laid, at \$1.20, 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20 08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 4,682 cu. yds. gravel filling, at 84 cts 3,98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32 88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Resetting edgestone, gutters, and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| crosswalks :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 54 days, foreman, at \$5 \$26 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12 days, paver, at \$4.00 48 00<br>1211 days, rammer, at \$2.25 . 29 06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| $12\frac{11}{12}$ days, rammer, at $\$2.25$ . 29 06<br>$\$5\frac{1}{2}$ days, laborers, at $\$2.00$ . 71 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 145 lin. ft. circ. edgestone, at                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 55 cts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11 double loads crushed stone,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| at \$4.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| $2\frac{5.5}{9}$ days' labor at \$2.00 5 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| \$20.2 DR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| \$303 28<br>Plus 15 per cent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Plus 15 per cent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| \$13,74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (1 91                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 42091                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ±1 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 03 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3331 = 3,53790                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 03 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Amount paid in 1393 10,20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3       31         3,537       90         \$\$3,589       90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 03 31<br>3,537 90<br>\$3,589 90<br>n road. (Work un-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393 10,20<br>Boylston street, Brookline avenue to Boylston<br>finished.)<br>Labor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 03 31<br>3,537 90<br>\$3,589 90<br>n road. (Work un-<br>. \$613 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Amount paid in 1393 10,20<br>Boylston street, Brookline avenue to Boylston finished.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 03 31<br>3,537 90<br>\$3,589 90<br>n road. (Work un-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393 10,20<br><b>Boylston street,</b> Brookline avenue to Boylston<br>finished.)<br>Labor<br>Advertising                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\begin{array}{c} 3 & 31 \\ \hline & 3,537 & 90 \\ \hline & $3,589 & 90 \\ \hline & $3,589 & 90 \\ \hline & $613 & 60 \\ \hline & $613 & 60 \\ \hline & $171 & 02 \\ \end{array}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Amount paid in 1393       .       10,20         Boylston street, Brookline avenue to Boylston finished.)       .       .         Labor       .       .       .         Advertising       .       .       .         Amount paid to John O'Brien:       .       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\begin{array}{c} 3 & 31 \\ \hline & 3,537 & 90 \\ \hline & $3,589 & 90 \\ \hline & $3,587 & 90$ |
| Amount paid in 1393 10,20<br><b>Boylston street,</b> Brookline avenue to Boylston<br>finished.)<br>Labor<br>Advertising                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Amount paid in 1393       .       10,20         Boylston street, Brookline avenue to Boylston finished.)       .       .         Labor       .       .       .         Advertising       .       .       .         Amount paid to John O'Brien:       .       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\begin{array}{c} 3 & 31 \\ \hline & 3,537 & 90 \\ \hline & $3,589 & 90 \\ \hline & $3,587 & 90$ |
| Amount paid in 1393       .       10,20         Boylston street, Brookline avenue to Boylston finished.)       .       .         Labor       .       .       .         Advertising       .       .       .         Amount paid to John O'Brien:       .       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       .       .         Advertising       .       .         Advertising       .       .         Amount paid to John O'Brien :       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,87         15% retained       .       .       .                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       .       .         Advertising       .       .         Amount paid to John O'Brien:       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,33         15% retained       .       .       .         Deerfield street, Commonwealth avenue to Cl       .       .       .                                                                                                                                                                                                                                                                                                                                                                                                                | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       10,20         Advertising       10,20         Advertising       10,20         Advertising       10,20         Amount paid to John O'Brien :       16,602 cu. yds. filling at 62.5 cts.         15% retained       1,55         Deerfield street, Commonwealth avenue to Cl         Labor       1,55                                                                                                                                                                                                                                                                                                                                                                                                           | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       .       .         Advertising       .       .         Amount paid to John O'Brien:       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,83         15% retained       .       .       .         Deerfield street, Commonwealth avenue to Cl       Labor       .       .         Labor       .       .       .       .         Fence       .       .       .       .                                                                                                                                                                                                                                                                                                                | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       10,20         Advertising       10,20         Advertising       10,20         Amount paid to John O'Brien:       16,602 cu. yds. filling at 62.5 cts.         15% retained       1,53         Deerfield street, Commonwealth avenue to Cl         Labor       1,54         Fence       1,54                                                                                                                                                                                                                                                                                                                                                                                                                   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       10,20         Advertising       10,20         Amount paid to John O'Brien :       10,20         16,602 cu. yds. filling at 62.5 cts.       \$10,83         15% retained       1,54         Deerfield street, Commonwealth avenue to Cl         Labor       1,54         Fence       1,54         54 lin. ft. granite coping       1,54         Amount paid to James Killian :       10,20                                                                                                                     | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       10,20         Advertising       10,20         Amount paid to John O'Brien:       10,602         15% retained       1,53         15% retained       1,54         Inf. ft. granite coping       1,54         Amount paid to James Killian:       87         87 cu. yds. sub-grading, at 35 cts.       \$4                                                                                                       | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       10,20         Advertising       10,20         Amount paid to John O'Brien :       10,83         15% retained       1,54         Ibor       1,55         Fence       1,54         In. ft. granite coping       10,20         Amount paid to James Killian :       37         87 cn. yds. sub-grading, at 35 cts.       \$3         1,983 sq. yds. macadam, at 47 cts.       95 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Amount paid in 1393       10,20         Boylston street, Brookline avenue to Boylston finished.)       10,20         Labor       .       .         Advertising       .       .         Advertising       .       .         Amount paid to John O'Brien :       .       .         16,602 cu. yds. filling at 62.5 cts.       .       \$10,33         15% retained       .       .         Peerfield street, Commonwealth avenue to Cl       .       .         Labor       .       .       .         Fence       .       .       .         Amount paid to James Killian :       .       .       .         S7 cu. yds. sub-grading, at 35 cts.       .       .       .         1,983 sq. yds. macadam, at 47 cts.       .       .       .         342 sq. yds. gutters paved, at \$2 60       .       .       .                                   | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

\$2,819 72 \$641 50 Carried forward,

| Brought forward,                                                                                                                                                                                 | \$2,819 7                                                        |                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------|
| 900 sq yds. gravel sidewalks, at 46 cts.<br>7.2 sq. yds. crosswalks laid, at \$1.20                                                                                                              | $\begin{array}{c}414 \\ 8 \\ 6\end{array}$                       |                                                             |
| 1,741 cu. yds. gravel filling, at 84 cts                                                                                                                                                         |                                                                  |                                                             |
| Resetting edgestone, gutters, and cross-                                                                                                                                                         | 1,102 1                                                          | 1                                                           |
| walks:                                                                                                                                                                                           |                                                                  |                                                             |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                             |                                                                  |                                                             |
| $4_{\frac{1}{4}}$ days, namer, at \$2.25 . 9 00                                                                                                                                                  |                                                                  |                                                             |
| $\frac{10 \text{ days, laborer, at $2.00}}{20 \text{ 00}}$                                                                                                                                       |                                                                  |                                                             |
| 5.4 lin. ft. circular edgestone,                                                                                                                                                                 |                                                                  |                                                             |
| at 55 cts 2 97                                                                                                                                                                                   | 1                                                                |                                                             |
| 17 double loads stone, at \$4.00 68 00                                                                                                                                                           |                                                                  |                                                             |
| 3 days' labor at \$2.00 6 00                                                                                                                                                                     |                                                                  |                                                             |
|                                                                                                                                                                                                  |                                                                  |                                                             |
| \$129 97                                                                                                                                                                                         |                                                                  |                                                             |
| Plns 15% 19 50                                                                                                                                                                                   | 140 4                                                            | -                                                           |
|                                                                                                                                                                                                  | $149 \ 4$                                                        | 4                                                           |
|                                                                                                                                                                                                  | \$4,854 27                                                       | 7                                                           |
| Less 1 day's use of steam-roller                                                                                                                                                                 | 15 0                                                             |                                                             |
| Less I day's disc of steam-toner                                                                                                                                                                 | 10 0                                                             | _                                                           |
|                                                                                                                                                                                                  | \$4,839 2                                                        | 7                                                           |
| Amount paid in 1893                                                                                                                                                                              | 2,822 5                                                          |                                                             |
|                                                                                                                                                                                                  |                                                                  | - 2,016 69                                                  |
|                                                                                                                                                                                                  |                                                                  |                                                             |
|                                                                                                                                                                                                  |                                                                  |                                                             |
|                                                                                                                                                                                                  |                                                                  | \$2,658 19                                                  |
|                                                                                                                                                                                                  |                                                                  | \$2,658 19                                                  |
| Huntington avenue. (Work not start                                                                                                                                                               | ed.)                                                             | \$2,658 19                                                  |
| Huntington avenue. (Work not start<br>Labor                                                                                                                                                      | ed.)                                                             | \$2,658 19<br>. \$10 25                                     |
|                                                                                                                                                                                                  | ed.)                                                             |                                                             |
| Labor                                                                                                                                                                                            |                                                                  |                                                             |
| Labor                                                                                                                                                                                            |                                                                  | . \$10 25                                                   |
| Labor                                                                                                                                                                                            |                                                                  | <ul> <li>\$10 25</li> <li>\$214 50</li> </ul>               |
| Labor       .       .       .         Ivy street, St. Mary's to Mountfort street, St. Mary's to Mountfort street, Stone       .       .         Stone       .       .       .                    |                                                                  | . \$10 25<br>. \$214 50<br>. 1,393 03                       |
| Labor       .       .       .         Ivy street, St. Mary's to Mountfort street         Labor       .       .         Stone       .       .       .         Advertising       .       .       . |                                                                  | . \$10 25<br>. \$214 50<br>. 1,393 03<br>. 7 20             |
| Labor                                                                                                                                                                                            |                                                                  | . \$10 25<br>. \$214 50<br>. 1,393 03<br>. 7 20<br>. 952 25 |
| LaborIvy street, St. Mary's to Mountfort streetLabor.Stone.Advertising.1.465 ft. straight edgestone. $83\frac{2}{12}$ ft. circular edgestone.                                                    |                                                                  | . \$10 25<br>. \$214 50<br>. 1,393 03<br>. 7 20             |
| LaborIvy street, St. Mary's to Mountfort streetLabor.Stone.Advertising.1,465 ft. straight edgestone. $83\frac{2}{12}$ ft. circular edgestone.Amount paid to James Grant & Co.:                   | <br><br><br>                                                     | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | et.<br><br><br><br><br><br><br><br><br>                          | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | eet.<br><br><br><br><br><br><br><br><br>                         | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | et.<br>\$17 5<br>95 29<br>1,187 8                                | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | et.<br>\$17 5<br>95 2<br>1,187 8<br>382 0                        | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | et.<br>\$17 5<br>95 2<br>1,187 8<br>382 0<br>1,236 4             | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | et.<br>\$17 5<br>95 2<br>1,187 8<br>382 0<br>1,236 4             | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | et.<br>\$17 5<br>95 2<br>1,187 8<br>382 0<br>1,236 4             | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | eet.<br>\$17 5<br>95 2<br>1,187 8<br>382 0<br>1,236 4<br>3,701 2 | $\begin{array}{cccccccccccccccccccccccccccccccccccc$        |
| Labor                                                                                                                                                                                            | eet.<br>\$17 5<br>95 2<br>1,187 8<br>382 0<br>1,236 4<br>3,701 2 | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$       |
| Labor                                                                                                                                                                                            | eet.<br>\$17 5<br>95 2<br>1,187 8<br>382 0<br>1,236 4<br>3,701 2 | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$       |

| Miner street, Beacon s                                                                | treet 1  | to B        | oston    | and     | Alba              | nv <sup>†</sup> Ra | ailroad.  |     |
|---------------------------------------------------------------------------------------|----------|-------------|----------|---------|-------------------|--------------------|-----------|-----|
| Labor                                                                                 |          |             |          |         |                   | 5                  | \$10      | 00  |
|                                                                                       | Daha     | •           | ·        | O'L a   | •                 | for                | φ10       | 00  |
| Amount retained from                                                                  | Done     | rty         | and      | O Lea   | ary,              | 101                | 245       | 1.0 |
| work done in 1893                                                                     | •        | •           | •        | •       | •                 | •                  | 240       | 19  |
|                                                                                       |          |             |          |         |                   |                    | 0.25-     | 10  |
|                                                                                       |          |             |          |         |                   |                    | \$255     | 19  |
| Mr                                                                                    |          |             | 4 - T.   |         | 4                 |                    |           |     |
| Mountfort street, Aud                                                                 |          |             |          | vy stre | eet.              |                    |           | ~ - |
| Labor                                                                                 | •        | •           | •        | •       | •                 | •                  | \$163     |     |
| Stone                                                                                 | •        | •           | •        | •       |                   | •                  | 1,098     |     |
| $764\frac{10}{12}$ ft. straight edges                                                 | tone     | -           |          |         |                   | •                  | 497       |     |
| $68\frac{7}{12}$ ft. circular edgeste                                                 | one      |             |          |         |                   |                    | 89        |     |
| 5 small corners .                                                                     |          |             |          |         |                   |                    | 16        | 75  |
| 2 large corners .                                                                     |          |             |          |         |                   |                    | 11        | 20  |
|                                                                                       |          |             |          |         |                   |                    | 64        | 00  |
| C                                                                                     |          |             |          |         |                   |                    | 4         | 33  |
| Amount paid to H. G                                                                   |          |             |          |         |                   |                    |           |     |
| 133.7 cu. yds. sub-grad                                                               | ing of   | -00.<br>⊧95 | ate      |         | \$33              | 13                 |           |     |
| 1.240 cg. udg. moodow                                                                 | ing, ai  | ს ∡ე<br>0   | cis.     | •       | $\frac{000}{269}$ | 40<br>80           |           |     |
| 1,349 sq. yds. macadam                                                                | 1, at 2  | 0 00        | 8.<br>ຈະ | •       |                   |                    |           |     |
| 303 sq. yds. gutters pay                                                              | rea, a   | t @2.       | 00       | •       | $\frac{712}{230}$ | 10                 |           |     |
| 768 ft. edgestone set, at<br>627.5 sq. yds. block pa                                  | t au et  | S.<br>. 61  |          | •       |                   |                    |           |     |
| 627.5 sq. yds. block pay                                                              | ving, ٤  | at \$1      | 05       | •       | 658               |                    |           |     |
| 9 sq. yds. flag crossings                                                             | , at \$4 | 4.00        | •        | •       | 36                |                    |           |     |
| 455 cu. yds. gravel, at 8                                                             | \$1.20   | •           | •        |         | 546               | 00                 |           |     |
| 25 sq. yds. gutters rela                                                              | id, at   | 85 c        | ts.      | •       | 21                | 25                 |           |     |
| 19 sq. vds. brick paving                                                              | ; relaid | l, at       | 65 ct    | ts.     | 12                | 35                 |           |     |
| 9 sq. yds. flagging cros                                                              | sswalk   | ts re       | laid,    | at      |                   |                    |           |     |
| 50 cts                                                                                |          | •           | •        | •       | 4                 | 50                 |           |     |
| 115 ft. edgestone res                                                                 | et, at   |             |          |         | ~                 |                    |           |     |
| .157<br>1 day, stone-cutter .                                                         | •        |             | \$18     | 06      |                   |                    |           |     |
| 1 day, stone-cutter                                                                   |          |             | 3        | 91      |                   |                    |           |     |
| 5.                                                                                    |          |             |          |         |                   |                    |           |     |
|                                                                                       |          |             | \$21     | 97      |                   |                    |           |     |
| Add 15%                                                                               |          |             | 3        | 30      |                   |                    |           |     |
| 1100 10 10                                                                            |          |             |          |         | 25                | 27                 |           |     |
|                                                                                       |          |             |          |         |                   |                    | 2,549     | 93  |
|                                                                                       |          |             |          |         |                   |                    | 2,010     |     |
|                                                                                       |          |             |          |         |                   |                    | \$4,494   | 7.1 |
| Amount retained from I                                                                | H Go     | re d        | Co       |         |                   |                    | 127       |     |
| Amount retained from                                                                  | 1. 00    | ie a        | 00.      | •       | •                 | •                  | 144       | 00  |
|                                                                                       |          |             |          |         |                   |                    | \$4,367   | 94  |
|                                                                                       |          |             |          |         |                   |                    | \$£,007   | 24  |
| Newbury street, Char                                                                  | les-G    | ate J       | Vest     | to Bro  | ookli             | ne av              | enue      |     |
| - · ·                                                                                 | 105 01   |             |          | 00 010  | 501111            | ne ai              |           | 09  |
| Labor                                                                                 | •        | •           | •        | •       | •                 | •                  | \$769     |     |
| Stone                                                                                 | •        | •           | •        | •       | •                 | •                  | 1,825     |     |
| Filling                                                                               | •        | •           | •        | •       | •                 | •                  | 383       |     |
| Frinting                                                                              | •        | •           | •        | •       | •                 | •                  | 59        |     |
| Advertising                                                                           |          | •           | •        | •       | •                 | •                  | 103       |     |
| $35_{42}^{-1}$ feet circular edges                                                    | stone    | •           | •        | •       | •                 | •                  | 45        |     |
| Printing Advertising $35_{4\frac{1}{2}}$ feet circular edges 2,516 feet straight edge | estone   | •           | •        | •       | •                 | •                  | $1,\!631$ | 50  |
|                                                                                       |          |             |          |         |                   |                    |           |     |

Carried forward,

\$4,819 28

| Brought<br>Amount p<br>192.5 cu. yd<br>3,208 sq. yd<br>18 sq. yds. r<br>871 sq. yds.<br>2,551 feet ed<br>2,071 sq. yds.<br>4,752 cu. yds<br>23 sq. yds. g<br>37 feet edges | aid to<br>s. su<br>s. ma<br>gutto<br>gutto<br>gutto<br>flag<br>s. gra<br>gutter | o F. 1<br>b-gra<br>acada<br>lam,<br>ers, a<br>one, a<br>one, a<br>ick pa<br>ging o<br>avel,<br>rs rela | ding,<br>m, at<br>at 54<br>t \$2.0<br>at 92<br>at 92 | at 32<br>54.5<br>.5 cts<br>00 .<br>cts.<br>at \$<br>ngs,<br>.17<br>t 50 c | 5 cts.<br>cts.<br>s.<br>1.07<br>at \$4.0   | • • • | $\begin{array}{r} \$67\\ 1,748\\ 9\\ 1,742\\ 2,346\\ 2,215\\ 180\\ 5,559\\ 11\\ 15\\ \end{array}$ | 3 36<br>8 1<br>2 00<br>3 92<br>9 7<br>40<br>84<br>50<br>54 | \$4,819                     | 28 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------|-------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------|----|
| Credit by :<br>2,510 feet of<br>65 cts.<br>41 feet circula<br>at \$1.30<br>1,106.66 tons<br>ings, at \$1                                                                   | edges<br>ar edg<br>ston                                                         | gestoi<br>ie scre                                                                                      | . \$1<br>ne,<br>een-                                                                                                                           | 53                                                                        | 30                                         |       | 13,897<br>\$3,510                                                                                 |                                                            | 10,386                      |    |
| Amount retai                                                                                                                                                               | ned 1                                                                           | from                                                                                                   | F. H.                                                                                                                                          | . Con                                                                     | vin                                        |       | •                                                                                                 |                                                            | $$15,206 \\ 669 \\ $14,536$ | 35 |
| Norway stre<br>Labor .<br>Advertising                                                                                                                                      |                                                                                 |                                                                                                        | ork no                                                                                                                                         | ot st:                                                                    | arted.)                                    |       | •                                                                                                 | •                                                          | \$119<br>32<br>\$151        | 00 |
| <b>T</b>                                                                                                                                                                   |                                                                                 |                                                                                                        |                                                                                                                                                |                                                                           |                                            |       |                                                                                                   |                                                            |                             |    |
| Parker stre                                                                                                                                                                | et, E                                                                           | lunti                                                                                                  | igton                                                                                                                                          | aven                                                                      | ue to                                      | We    | stland                                                                                            | aver                                                       | nue.                        |    |
|                                                                                                                                                                            |                                                                                 |                                                                                                        |                                                                                                                                                |                                                                           |                                            |       |                                                                                                   |                                                            |                             | 66 |
| Labor .                                                                                                                                                                    | •                                                                               | •                                                                                                      | •                                                                                                                                              | •                                                                         | •                                          | •     | •                                                                                                 | •                                                          | $\$986 \\ 6,147$            | 21 |
| Filling .<br>Advertising<br>Printing                                                                                                                                       | •                                                                               | •                                                                                                      | •                                                                                                                                              | •                                                                         | •                                          | •     | •                                                                                                 | •                                                          | 107                         | 79 |
| Advertising                                                                                                                                                                | •                                                                               | •                                                                                                      | •                                                                                                                                              | •                                                                         | •                                          | •     | •                                                                                                 | •                                                          | 125                         | 10 |
| Printing                                                                                                                                                                   | •                                                                               | •                                                                                                      | •                                                                                                                                              | •                                                                         | •                                          | •     | •                                                                                                 | •                                                          | . 7                         | 28 |
| Fuel .                                                                                                                                                                     |                                                                                 |                                                                                                        |                                                                                                                                                |                                                                           |                                            |       |                                                                                                   |                                                            | 14                          |    |
| Sundries                                                                                                                                                                   |                                                                                 |                                                                                                        |                                                                                                                                                |                                                                           |                                            |       |                                                                                                   |                                                            | 10                          |    |
|                                                                                                                                                                            | d to                                                                            |                                                                                                        | ant re-                                                                                                                                        | nd 0                                                                      | 'T                                         |       |                                                                                                   |                                                            | - 0                         |    |
| Amount pa<br>7,081.3 cu. yd<br>1,454 cu. yds<br>6,107 sq. yds<br>1,009 sq. yds<br>3.086 feet edg<br>10 sq. yds. gu                                                         | ds. g<br>. sub<br>. Tel<br>. blo-<br>gesto<br>atters                            | ravel<br>-grad<br>ford<br>ck gu<br>ne se<br>s relai                                                    | filling<br>ing, a<br>base,<br>tters l<br>t, at 8                                                                                               | g, at<br>at 37<br>at 62<br>aid, 5<br>37 cts                               | \$1.00<br>ets.<br>2 ets.<br>at \$2.0<br>5. | . \$  | $537 \\ 3,786 \\ 2,078 \\ 2,684 \\ 5 \\$                                                          | $98 \\ 34 \\ 54 \\ 82 \\ 60 \\$                            |                             |    |
| Carried f                                                                                                                                                                  | forwa                                                                           | rd,                                                                                                    |                                                                                                                                                |                                                                           |                                            | \$1   | 6,174                                                                                             | 58                                                         | \$7,298                     | 33 |

| Street Department — P                                                                     | AVING | a Dr                 | VISIO | ON. 227               |
|-------------------------------------------------------------------------------------------|-------|----------------------|-------|-----------------------|
| Brought forward,<br>126 feet edgestone reset, at 37 cts<br>769 cu. yds. gravel, at \$1.10 |       | $5,174 \\ 46 \\ 845$ | 62    | \$7,298 33            |
| · · · · ·                                                                                 |       |                      |       | 17,067 10             |
| Amount retained from Doherty and O'                                                       | Leary |                      |       | 24,365 43<br>2.560 06 |
|                                                                                           |       |                      |       | \$21,805 37           |
| St. Germain street.                                                                       |       |                      |       |                       |
| Labor                                                                                     |       |                      |       | 177 25                |
| Advertising                                                                               | 1:    | •                    | •     | 84 48                 |
| 1,840 cu. yds. gravel, at 95 cts.                                                         | •     | •                    | •     | 1,748 00              |
| Amount retained from Quimby & Ferg                                                        | uson  | • .                  |       |                       |
|                                                                                           |       |                      |       | \$1,747 53            |
| Sherborn street.                                                                          |       |                      |       |                       |
| Labor · · · · · ·                                                                         | •     | ٠                    | ٠     | \$10 75               |
| Turner street.                                                                            |       |                      |       |                       |
| Labor                                                                                     | •     |                      |       | \$13 00               |

#### NEW EDGESTONE.

The following tables show the amount of new edgestone set during the year:

#### CITY PROPER.

Wards 6, 7, 8, 9, 10, 11, 12, 16, 17, and 18. (Paving Districts Nos. 8, 9, and 10.)

|                                         | •                                                      |
|-----------------------------------------|--------------------------------------------------------|
| 668                                     | ,                                                      |
|                                         |                                                        |
| 428                                     | 5                                                      |
|                                         |                                                        |
| ••••••••••••••••••••••••••••••••••••••• | ;                                                      |
|                                         | -                                                      |
| 1,916                                   | ;                                                      |
|                                         | $     \begin{array}{ccccccccccccccccccccccccccccccccc$ |

#### ROXBURY.

Wards 19, 20, 21, and 22. (Paving Districts 7, 9, and 11.)

|                  |      |   |   |   |  | Lin. ft. |
|------------------|------|---|---|---|--|----------|
| Arundel street   |      |   |   |   |  | 580      |
| Batavia street . |      |   |   |   |  | 1,015    |
| Bay State road   | •    | • | • | • |  | 2,616    |
|                  | _    |   |   |   |  |          |
| Carried foru     | ard, |   |   |   |  | 4,211    |

# CITY DOCUMENT NO. 34.

|                     |       |                      |      |   |       |   |   |     | Lin. ft.    |
|---------------------|-------|----------------------|------|---|-------|---|---|-----|-------------|
| Brought forwar      | d,    |                      |      |   |       |   |   |     | 4,211       |
| Beacon street .     | •     |                      |      |   |       |   |   |     | 162         |
| Blue Hill avenue    |       |                      |      |   |       | ۰ |   |     | 1,102       |
| Catawba street      |       |                      |      |   |       |   |   |     | 549         |
| Centre street .     |       |                      |      |   |       |   |   | Ξ.  | 175         |
| Commonwealth ave    | nue   |                      | •    |   |       |   |   |     | 10,227      |
| Day street .        |       |                      |      |   |       |   |   |     | 3,072       |
| Deerfield street    |       | •                    |      |   |       |   |   |     | 998         |
| Gaston street .     |       |                      |      |   |       |   |   |     | 257         |
| Hamerton street     |       | •                    |      |   |       |   |   |     | 220         |
| Harold and Ruthve   | n str | eets                 | з.   |   | • • * |   |   |     | 254         |
| Heath street .      |       |                      | •    |   | •     |   |   |     | $1,\!373$   |
| Holborn street      |       |                      | •    |   | •     |   |   |     | 332         |
| Howland street      |       | •                    |      |   |       |   |   |     | 180         |
| Humboldt avenue     |       |                      |      |   |       | • |   |     | 64          |
| Hulbert street      |       |                      |      | • |       |   |   |     | 50          |
| Ivy street          |       | •                    |      |   | •     |   | • |     | 1,611       |
| Miner street .      | •     | •                    |      |   |       |   |   |     | 626         |
| Minden street .     |       |                      | •    |   | •     |   |   | ۰   | 43          |
| Moreland and Mon    | trose | $\operatorname{str}$ | eets |   |       |   |   |     | 240         |
| Mountfort street    | •     | •                    |      | • |       | ٠ | • |     | $2,\!310$   |
| Munroe street .     |       |                      |      |   |       | • |   |     | 495         |
| Newbury street      | •     | •                    |      |   |       |   |   | •   | 2,615       |
| Parker street .     |       | •                    |      |   |       |   |   |     | 3,086       |
| Raleigh street .    |       |                      |      |   |       |   |   |     | 204         |
| Ruthven street      |       |                      |      |   |       |   |   |     | 250         |
| St. Alphonsus stree | et    |                      |      |   |       |   |   |     | $^{2,219}$  |
| St. Botolph street  |       |                      |      |   |       |   |   |     | $719 \cdot$ |
| Sewall street .     |       |                      |      |   |       |   |   |     | 342         |
| Thorndike street    |       |                      |      |   |       |   | • | · . | 564         |
| Thwing street .     |       |                      |      |   |       |   |   |     | 566         |
| Westminster street  |       |                      |      |   |       |   |   |     | 150 -       |
| Woodward avenue     |       |                      |      |   |       |   |   |     | 58          |
|                     |       |                      |      |   |       |   |   |     |             |
|                     |       |                      |      |   |       |   |   |     | 39,324      |
|                     |       |                      |      |   |       |   |   |     |             |

## SOUTH BOSTON.

Wards 13, 14, and 15. (District No. 1.)

| W 07000.           | 10, 1 | <b></b> , | 100 10 | ·· (1 | D timer to |   |   |   |          |
|--------------------|-------|-----------|--------|-------|------------|---|---|---|----------|
|                    |       |           |        |       |            |   |   |   | Lin. ft. |
| D street and Dorch | ester | aver      | nue    |       |            |   |   |   | 77       |
| East Third street  |       |           |        |       |            | • |   |   | 72       |
| East Second street |       |           |        |       | •          | , | • | • | 165      |
| East Sixth street  |       |           |        |       | •          |   |   |   | 77       |
| Story street .     |       | • '       |        |       | •          |   | • | • | 105      |
| Vinton street .    |       |           |        |       | -          |   |   | • | 25       |
|                    |       |           |        |       |            |   |   |   |          |

521

## East Boston.

# Wards 1 and 2. (District No. 2.)

|                |   |   |   |   |   |   |   |   | 13111.10. |
|----------------|---|---|---|---|---|---|---|---|-----------|
| 'Condor street |   |   |   |   |   |   |   |   | 186       |
| Everett street | • |   |   | • |   |   |   |   | 55        |
| Falcon street  | • |   |   |   |   |   |   |   | 207       |
| Havre street   | • | • |   |   |   |   | • | • | 110       |
| Paris street   |   |   |   |   |   |   |   |   |           |
| London street  | • | • | • | • | • | • | • | • | 83        |
|                |   |   |   |   |   |   |   |   |           |
|                |   |   |   |   |   |   |   |   | 816       |
|                |   |   |   |   |   |   |   |   |           |

#### Dorchester.

#### Ward 24. (District No. 6)

|                   | mai   | $u \sim \tau$ | (D    | 1311101 |   |    |   |  |          |
|-------------------|-------|---------------|-------|---------|---|----|---|--|----------|
|                   |       |               |       |         |   | ĺ. |   |  | Lin. ft. |
| Algonquin street  |       |               |       |         |   |    |   |  | 656      |
| Ashmont street    |       |               |       |         |   |    |   |  | 95       |
| Blakeville street | •     |               |       |         |   | •  |   |  | 793      |
| Bushnell street   |       |               |       |         |   |    | • |  | 275      |
| Clarkson street   |       |               |       |         |   | •  |   |  | 337      |
| Crescent avenue   |       |               |       |         |   |    |   |  | 537      |
| Glenway street    |       |               |       |         |   |    |   |  | 64       |
| Neponset avenue   |       |               |       |         |   |    |   |  | 155      |
| Newport and Har   | bor V | 'iew st       | reets | š.      |   |    |   |  | 566      |
| Quincy street .   |       | •             |       |         | ¢ |    |   |  | 62       |
| Roslin street .   | •     |               | •     |         |   |    |   |  | 405      |
| Talbot avenue     |       |               |       |         |   |    |   |  | 2,264    |
| Welles avenue     |       |               |       |         |   |    |   |  | 50       |
| West Park street  |       |               |       |         |   |    |   |  | 285      |
|                   |       |               |       |         |   |    |   |  |          |
|                   |       |               |       |         |   |    |   |  | 6,544    |

#### WEST ROXBURY.

## Ward 23. (Districts Nos. 5 and 11.)

|                    |     |        |       |  | 1 |  | Lin. ft. |
|--------------------|-----|--------|-------|--|---|--|----------|
| Atherton street    |     |        |       |  |   |  | 153      |
| Boylston and Wash  | ing | ton st | reets |  |   |  | 159      |
| Brookfield street  | •   |        |       |  |   |  | 116      |
| Hyde Park avenue   |     |        |       |  |   |  | 232      |
| Paul Gore street   |     |        |       |  |   |  | 93       |
| Metropolitan avenu | e   |        |       |  |   |  | 326      |
| Sedgwick street    |     |        |       |  |   |  | 65       |
| Washington street  |     |        |       |  |   |  | 285      |
| Weld Hill street   |     |        |       |  |   |  | 139      |
|                    |     |        |       |  |   |  |          |

1,568

-

T 1... 04

Lin. ft.

#### BRIGHTON.

# Ward 25. (District No. 4.)

|                   |  | · · |  |  | Lin. ft. |
|-------------------|--|-----|--|--|----------|
| Farrington avenue |  |     |  |  | <br>123  |
| Highgate street   |  |     |  |  | 987      |
| Murdock street    |  |     |  |  | 107      |
| Raymond street    |  |     |  |  | 106      |
|                   |  |     |  |  |          |

# 1,323

#### CHARLESTOWN.

|               | War | Wards $3, 4, and 5$ . |     |        |      | strict |   |   |   |                 |
|---------------|-----|-----------------------|-----|--------|------|--------|---|---|---|-----------------|
| Sprague stree | t   |                       | •   |        | •    |        |   | • |   | Lin. ft.<br>694 |
|               |     |                       | Rec | APITUI | ATIO | м.     |   |   |   |                 |
|               |     |                       |     |        |      |        |   |   |   | Lin. ft.        |
| City Proper   |     |                       |     |        |      |        |   |   |   | 1,916           |
| Roxbury       |     |                       |     |        |      |        |   |   |   | 39,324          |
| South Boston  |     |                       |     |        |      |        |   |   |   | 521             |
| East Boston   |     |                       |     |        |      |        |   | U |   | 816             |
| Dorchester    |     |                       |     |        |      |        |   |   |   | 6.544           |
| West Roxbury  | y   |                       |     |        |      |        |   |   |   | 1,568           |
| Brighton      | •   |                       |     |        |      |        |   |   |   | 1,323           |
| Charlestown   | •   | •                     | •   | •      | •    | •      | • | • | • | 694             |
|               |     | 1                     |     |        |      |        |   |   |   | 52,706          |

#### NEW BRICK SIDEWALKS.

The following tables show the number of square yards of new brick sidewalks laid during the year :

## CITY PROPER.

Wards 6, 7, 8, 9, 10, 11, 12, 16, 17, and 18. (Paving Districts Nos. 8, 9, and 10.)

|                    |       |     |    |   |   |   |   |   | Sq. yas. |
|--------------------|-------|-----|----|---|---|---|---|---|----------|
| Castle street .    |       |     | ٠. |   |   |   |   |   | 96       |
| Cambria street     |       |     |    |   |   | • |   |   | 28-      |
| Chambers-street e  | xtens | ion |    |   | • |   |   |   | 361      |
| Harrison avenue    |       | •   |    |   |   |   |   | • | 150      |
| Lewis-street exter | nsion |     |    | • |   |   |   | • | 186      |
| Massachusetts ave  | enue  | •   |    |   |   | • | • | • | 570      |
| Shawmut avenue     | •     | •   | •  | • |   |   | • | • | 146      |
|                    |       |     |    |   |   |   |   |   |          |

1,537

| ROXBURY. | R | ox | вU | RY |  |
|----------|---|----|----|----|--|
|----------|---|----|----|----|--|

# Wards 19, 20, 21, and 22. (Districts 7, 9, and 11.)

| 11 01 00 10 9 2     | ,     | .,    |     | ( |   | •••• |   | ~~ · | Sq. yds.          |
|---------------------|-------|-------|-----|---|---|------|---|------|-------------------|
| Arundel street      |       |       |     |   |   |      |   |      | 412               |
|                     | •     | •     | •   | • | · | •    | • | •    | 850               |
| Batavia street      | •     |       | •   |   | • | •    | • | •    | $\frac{350}{283}$ |
| Beacon street .     | •     | •     | •   | • | • | •    | • | ·    |                   |
| Blue Hill avenue    | •     | •     | • \ | • | • | •    | • | •    | 1,100             |
| Cedar street .      | ·     | •     | •   | • | • | •    | • | •    | 81                |
| Centre street .     | •     | •     | •   | • | • | •    | • | •    | 184               |
| Dudley street .     | •     | •     | •   | • | • | •    | • | •    | 120               |
| Elm Hill avenue     | •     | •     | •   | • | • | •    | • | •    | 160               |
| Forest street .     | •     |       | •   | • | • | •    | • | •    | 185               |
| Gaston street .     | •     | •     | •   | • | • | •    | • | •    | 47                |
| Hartford street     | •     | •     |     | • | • | •    | • | •    | 444               |
| Heath street .      | •     | •     | •   |   | • |      | • | •    | 440               |
| Holborn street      |       |       |     | • |   | •    | • | •    | 112               |
| Howland street      |       |       |     |   |   |      |   |      | 129               |
| Humboldt avenue     |       |       |     |   | • |      |   |      | 677               |
| Ivy street .        |       |       |     | • |   |      |   |      | 1,124             |
| Laurel street .     |       |       |     |   |   |      |   |      | 200               |
| Miner street .      |       |       |     |   |   |      |   |      | 488               |
| Monadnock street    |       |       |     |   |   |      |   |      | 91                |
| Mountfort street    |       |       |     |   |   |      |   |      | 628               |
| Moreland and Mon    | trose | stree | ts  |   |   |      |   |      | 158               |
| Munroe street       |       |       |     |   |   |      |   |      | 393               |
| Newbury street      |       |       |     |   |   |      |   |      | 2,071             |
| Raleigh street      |       |       |     |   |   |      |   |      | 163               |
| St. Alphonsus stree | et    |       |     |   |   | 1    |   |      | 327               |
| Q. D                | •     |       |     |   |   |      |   |      | 120               |
| Terrace street      |       |       |     |   |   |      |   | ÷    | 84                |
| Thorndike street    | •     |       | :   |   | : |      |   |      | 376               |
| Vine street .       | •     |       | •   | • | • | •    | • | ·    | 86                |
| , mo ou cou i       |       | •     |     |   |   |      |   | • _  |                   |
|                     |       |       |     |   |   |      |   |      |                   |

11,533

## South Boston.

# Wards 13, 14, and 15. (District No. 1.)

|              | waras   | 10, 1   | $\pm, u$ | na $1i$ | ). ( | Distri | ci in $ci$ | · 1.) |          |
|--------------|---------|---------|----------|---------|------|--------|------------|-------|----------|
|              |         |         |          |         |      |        |            |       | Sq. Yds. |
| Broadway     |         |         |          |         |      |        |            |       | - 90     |
| D street.    |         |         |          |         |      |        |            |       | 84       |
| Dorset stree | t.      |         |          |         |      |        | -          |       | 52       |
|              |         |         |          |         |      |        |            |       | 75       |
| East Eighth  | street  |         |          |         |      |        |            |       | 804      |
| East Second  | and S   | Story   | stree    | ts      |      |        |            |       | 713      |
| East Sixth s | treet   | •       |          |         |      |        |            |       | 63       |
| East Third s | street  |         |          |         |      |        |            |       | 132      |
| Howell stree | et.     |         |          |         |      |        |            |       | 400      |
| I and East I | Ninth s | streets |          |         |      |        |            |       | 172      |
| Vinton and   | F stree | ets     |          |         |      |        |            |       | 51       |
| Washburn s   | treet   |         |          |         |      |        |            |       | 70       |
|              |         |         |          |         |      |        |            |       |          |

# EAST BOSTON.

Wards 1 and 2. (District No. 2.)

Sq. Yds.

| <b>D</b>                             |           |               |         |       |          |           |     |     | = 0      |
|--------------------------------------|-----------|---------------|---------|-------|----------|-----------|-----|-----|----------|
|                                      | •         | •             | •       | •     | •        | •         | •   | •   | 76       |
| Brooks street .                      | •         | •             | •       | •     | •        |           |     | •   | 314      |
| Condor street .                      |           |               | •       |       |          | • ~       |     | •   | 148      |
| East Eagle street                    |           | •             |         |       |          |           |     |     | 558      |
| Everett street.                      |           |               |         |       |          |           |     |     | 52       |
| Falcon street .                      |           |               |         |       |          |           |     |     | 184      |
| Havre street .                       |           |               |         |       |          |           |     |     | 200      |
|                                      |           |               |         |       |          |           |     |     | 62       |
| Morris street .                      |           |               |         |       |          |           | •   |     | 53       |
| Paris street                         |           |               |         |       |          |           |     |     | 128      |
| Dues oft street                      | •         | •             | •       | •     | •        | •         | •   | •   | 114      |
| Prescott street<br>West Eagle and Sa | •         | ·             |         | •     | •        | •         | •   | •   |          |
| west Lagle and Sa                    | aratog    | ga stre       | eets    | •     | •        | •         | •   | •   | 226      |
|                                      |           |               |         |       |          |           |     |     |          |
|                                      |           |               |         |       |          |           |     |     | 2.115    |
|                                      |           | D             | DOTT    |       |          |           |     |     |          |
|                                      |           | DC            | RCHE    | STER  | <b>.</b> |           |     |     |          |
|                                      | Ware      | d 24.         | (Di     | stric | t No.    | 6.)       |     |     |          |
|                                      |           |               | (       |       |          |           |     |     | Sq. Yds. |
| Dorchester avenue                    |           |               |         |       |          |           |     |     | 95       |
|                                      |           |               | 1       |       |          |           |     |     | 177      |
| Carruth street<br>Mt. Vernon street  |           |               |         |       |          |           |     |     | 75       |
| Virginia street                      |           | •             | •       | •     | •        |           | ·   | · · | 106      |
| virginia street                      | •         | •             | •       | •     | •        | •         | •   | ·   | 100      |
|                                      |           |               |         |       |          |           |     |     | 453      |
|                                      |           |               |         |       |          |           |     |     | 400      |
|                                      |           | WES           | т Ко    | XBUI  | RY.      |           |     |     |          |
|                                      | 7 00      |               |         |       |          |           | -   |     |          |
| War                                  | $d \ 23.$ | (D)           | istrict | s No  | s. 5 a   | and $I$ . | 1.) |     | ~ ~ ~ .  |
|                                      |           |               |         |       |          |           |     |     | Sq. Yds. |
| Egleston and Scho                    | ol str    | eets          | •       | •     | •        | •         | •   | •   | 189      |
| Hyde Park avenue                     | •         | •             | •       | •     | •        | •         | •   | •   | 342      |
| Weld Hill street                     | •         | •             | •       | •     | •        | •         | •   | •   | 187      |
| West Walnut Park                     | and       | Cople         | y str   | eet   |          |           | •   |     | 116      |
|                                      |           |               |         |       |          |           |     |     |          |
|                                      |           |               |         |       |          |           |     |     | 834      |
|                                      |           |               |         |       |          |           |     |     |          |
|                                      |           | E             | BRIGH   | TON.  |          |           |     |     |          |
|                                      | Ware      | <i>l 25</i> . | (D)     | stade | t No     | (4)       |     |     |          |
|                                      | man       | N 40.         | (D)     | 50100 | 0 110.   | 1.)       |     |     |          |

# Nothing.

### CHARLESTOWN.

# Wards 3, 4, and 5. (District No. 3.)

|                        |       |      |     |   |   |   | Sq. ras. |
|------------------------|-------|------|-----|---|---|---|----------|
| Essex street and Ruthe | rford | aven | ue  |   |   |   | 88       |
| Moulton and Vine stree | ets   |      |     |   |   |   | 126      |
| Sprague street .       |       |      | · • | • | • | • | 223      |
|                        |       |      |     |   |   |   |          |
|                        |       |      |     |   |   |   | 437      |
|                        |       |      |     |   |   |   | -        |

#### RECAPITULATION.

|              |   |  |   |   |  |   | Sq. Yds.   |
|--------------|---|--|---|---|--|---|------------|
| City Proper  |   |  |   |   |  |   | 1,537      |
| Roxbury .    |   |  |   |   |  | • | $11,\!533$ |
| South Boston | • |  | • |   |  |   | 2,706      |
| East Boston  |   |  |   |   |  |   | $2,\!115$  |
| Dorchester   |   |  |   | • |  |   | 453        |
| West Roxbury |   |  |   |   |  |   | 834        |
| Brighton .   |   |  |   |   |  |   | 0          |
| Charlestown  |   |  |   |   |  |   | 437        |
|              |   |  |   |   |  |   |            |
|              |   |  |   |   |  |   | 19,615     |
|              |   |  |   |   |  |   |            |

# PROPERTY IN CHARGE OF THE DEPUTY SUPER-INTENDENT OF PAVING DIVISION.

Buildings and wharf on Albany street, opposite Sharon street. The building is of brick and wood, and covers some 8.000 square feet of land, and is divided into a shed for storage, blacksmith's and carpenter's shops, tool-room, and stable. The total contents of the lot, including wharf and building, are 63,180 square feet.

Fort-hill Wharf, containing 21,054 square feet placed in charge of the Paving Department May 18, 1874, to be used for the landing and storage of paving-blocks and gravel until such time as said wharf shall be wanted for the extension of Oliver street. A part of said wharf is occupied by a tenant-at-will, at \$500 per annum, part by Sanitary Division.

Lot on Chelsea, Marion, and Paris streets, East Boston, containing 43,550 square feet. Part of this lot used by the Sewer Division.

Ledge lot on Washington street, corner Dimock street, Roxbury, containing 134,671 square feet. Upon this lot are buildings containing a steam-engine, and stone-crusher.

Highland-st. Stable lot. Upon this lot is a large brick stable, erected in 1873, and occupied by the Sanitary and Paving Divisions; also a brick building used as a blacksmith's shop, and a shed for the storage of tools, etc.

Ledge lot on Codman street, Dorchester, containing 299,000 square fect, was purchased in 1870. Upon this lot is a shed containing a steam-engine and stone-crusher, also a stable and toolhouse.

On the Almshouse lot, Hancock street, Dorchester, there are two stables, also a shed and tool-house.

Ledge lot on Magnolia street and Bird place, Dorchester, containing 81,068 square feet. This lot was purchased by the town of Dorchester in 1867.

Downer-avenue lot, Dorchester, containing 35,300 square feet. West Roxbury. — On Child street, a lot of land containing 43,024 square feet, upon which are a stable and shed, blacksmith's shop and tool-house.

Gravel Lots. — In the town of Milton, on Brush Hill road, con-

taining 64,523 square feet, hired by the town of Dorchester for nine hundred and ninety-nine years. Morton street, Ward 23, containing about one-third of an acre, purchased by the town of West Roxbury in 1870, used for storage purposes.

Ledge and gravel lot, rear of Union street, containing about 37,000 square feet, purchased by the town of Brighton. This lot is at present leased.

Gravel and stones on lot on Market street, Ward 25, purchased by town of Brighton.

Ledge lot on Chestnut Hill avenue, Brighton, containing about 13 acres, upon which are an office, engine-house, stable, and crusher plant.

On Medford street, Charlestown, a wharf lot, foot of Elm street, containing 8,000 feet, upon which are sheds, office, stable, etc.

Property belonging to the Paving Division, consisting of 91 horses, 71 carts, 15 water-carts, 16 wagons, 5 steam-rollers, 7 stone-crushers, and 7 engines.

In South Boston, corner of H and Ninth streets: stable, carriage-house, shed, tool-house, and office, on leased land.

On Hereford street: a yard with shed, tool-house, and office.

Wharf, known as Atkin's wharf, 521 Commercial street, purchased in 1887 for \$24,000, containing 22,553 square feet, having on it an office and stable.

On Boylston street, at Boylston Station, office and shed.

#### Respectfully submitted,

#### DARIUS N. PAYSON,

Deputy Superintendent of Paving Division.

# APPENDIX C.

# REPORT OF DEPUTY SUPERINTENDENT OF THE SANITARY DIVISION.

## STREET DEPARTMENT, SANITARY DIVISION, 12 BEACON STREET, BOSTON, February 9, 1895.

MR. B. T. WHEELER, Superintendent of Streets:

DEAR SIR: Herewith I send you a statement of the doings of the Sanitary Division during the year 1894, showing the expenditures and income of this division from February 1, 1894, to January 31, 1895.

PHILIP A. JACKSON, Acting Deputy Superintendent.

# FINANCIAL STATEMENT.

| Transferred from Paving Division<br>Transferred from surplus revenue                            | $\begin{array}{c} \cdot & \$450,000 & 00\\ \cdot & 1,959 & 02\\ \cdot & 24,923 & 82\\ \cdot & 76 & 18 \end{array}$ |  |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
| Total amount expended                                                                           |                                                                                                                    |  |
| Balance transferred to City Clerk's<br>Department<br>Balance transferred to County o<br>Suffolk | . \$9,459 04                                                                                                       |  |

|                                                           | Amounts obeyard                    | Amount paid            |              |
|-----------------------------------------------------------|------------------------------------|------------------------|--------------|
| Items of Expenditures.                                    | Amounts charged<br>to the Sanitary | by                     | Total amount |
| rems of Exponditures.                                     | Division.                          | by<br>other Divisions. | expended.    |
|                                                           |                                    |                        |              |
|                                                           |                                    |                        |              |
| For salaries of Deputy Superin-                           | 00.079.00                          |                        | 00.070.00    |
| tendent and clerks in office                              | \$6,078 90                         |                        | \$6,078 90   |
| For labor in collecting and re-                           | 141 890 09                         |                        | 141 500 00   |
| moving house-dirt and ashes                               | 141,530 93                         |                        | 141,530 93   |
| For labor in collecting and re-                           | 00 252 62                          |                        | 00.959.09    |
| moving house-offal                                        | 90,353 83                          |                        | 90,353 83    |
| For labor of foremen, mechanics,<br>watchmen, and feeders | 17,779 75                          |                        | 17 770 75    |
| For labor of men employed in                              | 11,110 10                          |                        | 17,779 75    |
| stables and yards                                         | 11,718 08                          |                        | 11,718 08    |
| For grain used in stables                                 | 18,617 66                          | \$4,133 27             | 22,750 93    |
| For hay and straw used in stables                         | 10,597 80                          | 1,639 43               | 12,237 23    |
| For horses                                                | 3,125 00                           | 1,005 45               | 3,125 00     |
| For stock and tools used in                               | 0,120 00                           |                        | 0,120 00     |
| blacksmith-shop                                           | 5,607 54                           | 38 00                  | 5,645 54     |
| For stock and tools used in                               | 0,000.01                           | 00 00                  | 0,010 01     |
| wheelwright-shop                                          | 4,471 19                           |                        | 4,471 19     |
| For stock and tools used in                               |                                    |                        | -,           |
| harness-shop                                              | 2,606 08                           | 8 00                   | 2,614 08     |
| For stock and tools used in                               |                                    |                        | -,           |
| paint-shop                                                | 772 00                             | 89 08                  | 861 08       |
| For extra teams, collecting ashes                         |                                    |                        |              |
| and house-dirt                                            | 23,809 00                          | 10,504 50              | 34,313 50    |
| For extra teams, collecting                               | · ·                                | ,                      | · ·          |
| house-offal                                               | 16,335 00                          |                        | 16,335 00    |
| For repairs on stables and sheds,                         | 4,044 36                           |                        | 4,044 36     |
| For fuel, gas, and electric lights,                       | 1,549 39                           |                        | 1,549 39     |
| For veterinary services and medi-                         |                                    |                        |              |
| cines for horses                                          | 1,367 99                           |                        | 1,367 99     |
| For shoeing horses (outside                               |                                    |                        |              |
| shops)                                                    | 1,449 16                           | 13 50                  | 1,462 66     |
| For printing, stationery, and                             |                                    |                        |              |
| advertising                                               | 1,463 $35$                         |                        | 1,463 $35$   |
| For water-rates                                           | 835 80                             |                        | 835 80       |
| For offal stock, consisting of                            | 1 000                              |                        |              |
| buckets, etc                                              | 1,889 77                           |                        | 1,889 77     |
| For ash stock, consisting of cart-                        |                                    |                        | 1.015 00     |
| covers, baskets, etc                                      | $1,215\ 00$                        |                        | 1,215 00     |
| For stable stock, consisting of                           | 1 000 00                           |                        | 1 000 00     |
| curry-combs, brushes, soap, etc.                          | 1,608 06                           |                        | 1,608 06     |
| For dumping-boat, rental, roy-                            | 47 164 00                          | 125 00                 | 17 900 99    |
| alty, towage, etc                                         | 47,164 22                          | 12.5 00                | 47,289 22    |
| For collecting house-dirt and ashes in East Boston        | 8,154 02                           |                        | 8,154 02     |
| For collecting house-dirt and                             | 0,104 02                           |                        | 0,104 02     |
| ashes in South Boston, west                               |                                    |                        |              |
| of Dorchester st                                          | 4,937 62                           |                        | 4,937 62     |
| For collecting house-dirt and                             | 1,001 02                           |                        | 1,001 02     |
| ashes in South Boston, east                               |                                    |                        |              |
| of Dorchester st                                          | 5,875 00                           |                        | 5,875 00     |
| For collecting house-dirt and                             | 5,010 50                           |                        | .,           |
| ashes in Dorchester, south of                             |                                    |                        |              |
| Park, School, and Harvard sts.                            | 4,100 00                           |                        | 4,100 00     |
|                                                           |                                    |                        |              |
|                                                           |                                    |                        |              |
|                                                           |                                    |                        |              |
| Carried forward                                           | \$439,056 50                       | \$16,550 78            | \$455,607 28 |
|                                                           |                                    |                        |              |

|                                                                                                                             | Amounts charged              | Amount paid                     |                           |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------|---------------------------|
| Items of Expenditures.                                                                                                      | to the Sanitary<br>Division. | other Divisions.                | Total amount<br>expended. |
| Brought forward<br>For collecting house-dirt and                                                                            | \$439,056 50                 | \$16,550 78                     | \$455,607 28              |
| ashes in Dorchester, north of<br>Park, School, and Harvard sts.<br>For collecting house-dirt and                            | 3,538 49                     |                                 | 3,538 49                  |
| ashes in West Roxbury, south<br>of Seaver and Boylston sts<br>For collecting house-offal in                                 | 5,850 00                     | · • • • • • • • • • • • • • • • | 5,850 00                  |
| East Boston                                                                                                                 | 8,000 00                     |                                 | 8,000 00                  |
| For collecting house-offal in<br>Brighton<br>For collecting house-offal in                                                  | 2,800 00                     |                                 | 2,800 00                  |
| Dorchester                                                                                                                  | 5,644 39                     |                                 | 5,644 39                  |
| For incidental expenses:<br>Telephone                                                                                       |                              |                                 |                           |
| for office                                                                                                                  | 2,569 64                     | 3 00                            | 2,572 64                  |
| Total<br>Paid by Street-Cleaning Division<br>Paid by Paving Division<br>Paid by Sewer Division<br>Paid by County of Suffolk |                              | •                               |                           |
|                                                                                                                             | \$484,012 80                 | \$16,553 78                     | \$484,012 80              |



#### REVENUE.

Amount of moneys deposited and bills presented to the City Collector for collection, for material sold and work performed by the Sanitary Division of the Street Department during the year ending January 31, 1895.

### Moneys deposited with the City Collector.

| From sale of house-offal .      |  | \$26,262 40 |             |
|---------------------------------|--|-------------|-------------|
| From letting of scow privileges |  | 677 65      |             |
|                                 |  |             | \$26,940 05 |

### Bills deposited with the City Collector.

| For the removal of engine ashes .      |   | \$10,586  | 41 |             |
|----------------------------------------|---|-----------|----|-------------|
| For the sale of manure                 |   | 870       | 36 |             |
| For the sale of ashes and house-dirt   |   | 2,665     | 62 |             |
| For the sale of house-offal            |   | 160       | 50 |             |
| For the sale of tin cans               |   | 73        | 91 |             |
| For the letting of scow privileges .   |   | <b>23</b> | 70 |             |
| For the letting of Fort Hill wharf .   |   | 1,000     | 00 |             |
|                                        |   |           |    | 15,380 50   |
|                                        |   |           |    |             |
|                                        |   |           |    | \$42,320 55 |
|                                        |   |           |    | ALL 050 01  |
| Amount collected by the City Collector | • | •         | •  | \$44,870 94 |

#### Amount expended for the Collection of House-dirt and Ashes and House-offal, Labor and Contracts.

|                                                                                                    | DISTRICTS.                                                                                                                                                                                                                                                                                                                                       | _                                                                                                                                         | E                                                                                                                                                              | xpended fo                                                                                  | or collecting.                                                                                              |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|                                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                           | A                                                                                                                                                              | shes.                                                                                       | Offal.                                                                                                      |
| South Boston.<br>East Boston.<br>Charlestown.<br>Roxbury<br>West Roxbury<br>Dorchester<br>Brighton | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                            | · · · · · · · · · · · · · · · · · · ·                                                                                                     | $     \begin{array}{r}       1 & 2 & 12 \\       3 & 8 \\       11 \\       27 \\       4 & 9 \\       5 & 6 & 9 \\       22 \\       \hline     \end{array} $ | 5,187 05<br>2,320 00<br>3,154 02<br>.,920 00<br>7,241 50<br>0,042 00<br>,409 49<br>2,712 00 | \$53,541 33<br>8,096 00<br>7 8,000 00<br>5,620 00<br>13,847 50<br>9 8,001 33<br>\$ 2,800 00<br>\$106,798 22 |
| Ashes Contract.<br>""<br>""<br>"<br>Offal Contract.<br>"                                           | <ol> <li><sup>1</sup> F. J. Mohan</li> <li><sup>2</sup> D. O'Sullivan</li> <li><sup>3</sup> Wm. F. Hedrington,</li> <li><sup>4</sup> James Doonan</li> <li><sup>5</sup> John Bradley</li> <li><sup>6</sup> John McShane</li> <li><sup>7</sup> Thomas Mulligan .</li> <li><sup>8</sup> Allen Clarke</li> <li><sup>9</sup> John McShane</li> </ol> | \$5,\$75.00 for<br>4,937.62 ''<br>8,154.02 ''<br>5,\$50.00 ''<br>3,538.49 ''<br>4,100.00 ''<br>8,000.00 ''<br>2,\$00.00 ''<br>5,544.39 '' | territory                                                                                                                                                      | west of I<br>in East B<br>south of S<br>streets.<br>south of<br>Harvar<br>north of          | eaver and Boylston<br>Park, School, and<br>d streets.<br>Park, School, and<br>d streets.<br>oston.<br>on.   |

# Total Cost for Removal of House-dirt, Ashes, and House-offal.

#### HOUSE-DIRT AND ASHES ACCOUNT.

| Expended for labor, per pay-rolls            | \$141,530 93 |        |
|----------------------------------------------|--------------|--------|
| Expended for stock, etc., per ledger account | 101,209 14   |        |
| Expended on contracts, South Boston .        | 10,812 62    |        |
| Expended on contracts, Dorchester            | 7,638 49     |        |
| Expended on contract, part of West Roxbury   | $5,850\ 00$  |        |
| Expended on contract, East Boston            | $8,154\ 02$  |        |
|                                              |              | \$275. |

i,

# \$275,195 20

#### HOUSE-OFFAL ACCOUNT.

| Expended for  | r labor, | per   | pay-r | olls   |     |      | \$90,353 83 |              |
|---------------|----------|-------|-------|--------|-----|------|-------------|--------------|
| Expended for  | stock,   | etc., | per l | ledger | acc | ount | 76,817 06   |              |
| Expended on   | contra   | ct, E | ast B | oston  |     |      | 8,000 00    |              |
| Expended on   |          |       |       |        |     |      | 2,800 00    |              |
| Expended on   | contra   | ct, D | orche | ster   |     |      | 5,644 39    |              |
|               |          |       |       |        |     |      |             | 183,615 $28$ |
| Salaries .    |          |       |       |        |     |      | 6,078 90    |              |
| Incidentals . |          |       | -     |        |     |      | 2,569 64    |              |
|               |          |       |       |        |     |      |             | 8,648 54     |
|               |          |       |       |        |     |      |             | 0467 450 00  |
|               |          |       |       |        |     |      |             | \$467,459 02 |

### Material collected by Districts.

|                                        | TEAMS.            |        |                          |                          |                |             |                 |                 |             |                   |  |  |  |  |
|----------------------------------------|-------------------|--------|--------------------------|--------------------------|----------------|-------------|-----------------|-----------------|-------------|-------------------|--|--|--|--|
|                                        | Yards.            |        |                          |                          |                |             |                 |                 |             |                   |  |  |  |  |
| Material.                              | South.<br>West.   |        | Roxbury.<br>Charlestown. |                          | Brighton.      | So. Boston. | E. Boston.      | Dorchester.     | W. Roxbury. | 'Total loads.     |  |  |  |  |
| House-dirt<br>and ashes<br>House-offal | 104,136<br>29,202 | 83,434 | 48,650<br>10,524         | 18,528<br>2, <b>3</b> 56 | 5,864<br>1,539 | 21,589      | 13,175<br>3,720 | 17,522<br>3,296 | 13,900      | 326,798<br>50,637 |  |  |  |  |
| Totals                                 | 133,338           | 83,454 | 59,174                   | 20,884                   | 7,403          | 21,589      | <b>16,</b> 895  | 20,818          | 13,900      | 377,435           |  |  |  |  |

| WHERE DUMPED.           | Loads<br>house-dirt<br>and ashes. | Loads<br>house<br>offal. | Street-sweep-<br>ings, Street-<br>Cleaning Div. | Cesspoøl<br>matter,<br>Sewer Div. | 'Total<br>Loads. |
|-------------------------|-----------------------------------|--------------------------|-------------------------------------------------|-----------------------------------|------------------|
|                         |                                   |                          |                                                 |                                   |                  |
|                         |                                   |                          |                                                 |                                   |                  |
| First street, East Cam- |                                   |                          |                                                 |                                   |                  |
| bridge                  | 23,801                            |                          |                                                 |                                   | 23.801           |
| Swett street, "Lamb"    | 23,34?                            |                          |                                                 |                                   | 23,342           |
| Mill pond, Charlestown, | 17,198                            |                          |                                                 |                                   | 17,198           |
| Norfolk ave             | 11,993                            |                          |                                                 |                                   | 11,993           |
| Bartlett court          | 11,894                            |                          |                                                 |                                   | 11,894           |
| Centre street           | 9,612                             |                          |                                                 |                                   | 9,612            |
| Brookline ave., "Cobb," | 7,995                             |                          |                                                 |                                   | 7,995            |
| Bryant street           | 6,199                             |                          |                                                 |                                   | 6.199            |
| Brookline ave., "Gilli- | 0,100                             |                          |                                                 |                                   | 0,100            |
| gan"                    | 3,745                             |                          |                                                 |                                   | 3,745            |
| Ward street             | 3,497                             |                          |                                                 |                                   | 3,497            |
| Swett street, "Cobb"    | 2,924                             |                          |                                                 |                                   | 2,924            |
| Duncan street, "Paine," | 2,893                             |                          |                                                 |                                   | 2,524<br>2,893   |
|                         | 2,095                             | • • • • • • • •          |                                                 |                                   | 2,895            |
| Duncan street, " Berri- | 0.000                             |                          |                                                 |                                   | 0.000            |
| gan"                    | 2,890                             |                          |                                                 |                                   | 2,890            |
| Various places, "City   | 00.000                            |                          |                                                 |                                   | 00.000           |
| Teams "                 | 36,336                            | • • • • • • •            |                                                 |                                   | 36,336           |
| Various places, "Con-   | 00.000                            |                          |                                                 |                                   |                  |
| tracts "                | 66,293                            |                          |                                                 |                                   | 66,203           |
| At sea by scows         | 96,186                            | 5.025                    | 30,478                                          |                                   | 133,065          |
| Sold to farmers         |                                   | 37,057                   |                                                 |                                   | 37,057           |
| East Boston, by Thomas  |                                   |                          |                                                 |                                   |                  |
| Mulligan                |                                   | 3,720                    |                                                 |                                   | 3,720            |
| Brighton, by Allen      |                                   |                          |                                                 |                                   |                  |
| Clarke                  |                                   | 1,539                    |                                                 |                                   | 1,539            |
| Dorchester, by John     |                                   |                          |                                                 |                                   |                  |
| McShane                 |                                   | 3,296                    |                                                 |                                   | 3,296            |
|                         |                                   |                          |                                                 |                                   |                  |
|                         |                                   |                          |                                                 |                                   |                  |
|                         |                                   |                          |                                                 |                                   |                  |
|                         | 326,798                           | 50,637                   | 30,478                                          | 1,376                             | 409,289          |
|                         |                                   |                          |                                                 |                                   |                  |
|                         |                                   |                          |                                                 |                                   |                  |

# Disposition of Material Collected.

# Comparative Table showing Cost of collecting Ashes and Offal and delivering same at Dumps.

| Cost | $\mathbf{per}$ | cart-load, | inc           | eludin | g administration expenses              | \$1 | 24           |
|------|----------------|------------|---------------|--------|----------------------------------------|-----|--------------|
| 66   | - 6 G          | 6.6        | $\mathbf{mi}$ | nus    |                                        | 1   | $22^{\circ}$ |
| 66   |                | 6.6        | of            | ashes  | , labor only                           |     | 74           |
| 60   | * 6            | " "        | 66            |        | hired teams, including contracts       |     | 49           |
| 66   | 4 6            | 6 6        | 66            | 66     | labor, hired teams, and contracts .    |     | 84           |
| 66   | 66             | 66         | 66            |        | labor only                             | 2   | 32           |
| "    | "              | 66         | "             |        | hired teams, including contracts       | 2   | 77           |
|      | 66             | 66         | "             |        | labor, hired teams, and contracts .    | 3   | 63           |
| 66   | "              | scow-load  |               |        | port garbage to sea                    | 86  | 73           |
| 4.6  | " "            | cart-load  |               |        | ······································ |     | 20           |

| T'otal.                                                                | .nsm srtzs dtiW                                                                                                                                  | $10,935\frac{1}{2}$ | 135,050<br>11,822                         | 146,872 | \$104,858 90    |                                                                                                                               |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------|---------|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| To                                                                     | .msət əlşni2                                                                                                                                     | 11,363              |                                           |         | <del>60</del>   |                                                                                                                               |
| West Roxbury,<br>south of Seaver<br>and Boylston,<br>and Boylston,     | 7 teams in<br>winter.<br>4 teams in<br>summer.                                                                                                   | •                   | <sup>8</sup> 13,900                       | 13,900  | \$5,850 00      |                                                                                                                               |
| Dorchester offal,<br>McShane's соп-<br>tract.                          |                                                                                                                                                  | •                   | • • 3,296                                 | 3,296   | \$5,644 39      | Ŀ.                                                                                                                            |
| Dor., south of<br>Park, School, and<br>Harvard, Brad-<br>ley contract. | 5 teams in<br>winter.<br>3 teams in<br>summer.                                                                                                   | •                   | 7 8,323                                   | 8,323   | \$4,100 00      | 50 per year<br>00 "                                                                                                           |
| Dor., north of<br>Park, School,<br>and Harvard,<br>McShane's cont't.   | 5 teams in 4 teams in 6 teams in 5 teams in<br>winter. winter. winter.<br>4 teams in 3 teams in 5 teams in 3 teams in<br>summer. summer. summer. | •                   | 69,199                                    | 9,199   | \$3,538 49      | 6 \$4,237<br>7 4,100<br>8 5,850<br>9 8,000                                                                                    |
| So. Boston, east<br>of Dor. st., Mo-<br>han contract.                  | 5 teams in 4 teams in<br>winter. winter.<br>4 teams in 3 teams in<br>summer. summer.                                                             | •                   | <sup>5</sup> 9,818                        | 9,818   | \$5,875 00      | Contract.                                                                                                                     |
| So. Boston, west<br>of Dor. st., O'.<br>Sullivan's con-<br>tract.      | 5 teams in<br>winter.<br>4 teams in<br>summer.                                                                                                   | •                   | 4 11,771                                  | 11,771  | \$4,937 00      |                                                                                                                               |
| hton.                                                                  | .пвш вчіхэ diiV                                                                                                                                  | 251                 | $^{1,889}_{11,539}$                       | 3,428   | \$4,055         |                                                                                                                               |
| Brighton                                                               | .msət əlgaiZ                                                                                                                                     | 251                 |                                           |         |                 | (241)                                                                                                                         |
| E. Boston.                                                             | 4 teams in<br>tammer.                                                                                                                            | :                   | <sup>2</sup> 13,175<br><sup>3</sup> 3,720 | 16,895  | 154 02          |                                                                                                                               |
| E, Bo                                                                  | .191niw ui sans91 č                                                                                                                              | :                   | 61                                        |         | \$16,154        |                                                                                                                               |
| Charles-<br>town<br>Yard,                                              | .nsm srizs diiW                                                                                                                                  | 28                  | 183                                       | 183     | 0 00            |                                                                                                                               |
| Cha<br>Ya                                                              | .msət əlgni2                                                                                                                                     | 28                  | :                                         |         | \$140           |                                                                                                                               |
| oury<br>rd.                                                            | .nsm sztzs dtiV/                                                                                                                                 | 2,793               | 9,550<br>2,483                            | 12,033  | \$14,163 00     |                                                                                                                               |
| Roxbury<br>Yard,                                                       | .msət əlyni2                                                                                                                                     | 2,859               |                                           |         | \$14            |                                                                                                                               |
| Yard.                                                                  | .asm srizs diiW                                                                                                                                  | 1,726               | 13,145                                    | 13,145  | \$8,630 00      | per year.                                                                                                                     |
| West .                                                                 | .msət əlyni8                                                                                                                                     | 1,726               | :                                         |         | ¢,<br>¢         | 38888                                                                                                                         |
| South Yard, West Yard.                                                 | .пва вътх длі V                                                                                                                                  | 6,499 6,1373        | 44,097<br>784                             | 44,881  | \$31,772 00     | $\begin{array}{c} \begin{array}{c} 1 \\ \$ 2,800 \\ \vdots \\ \$,000 \\ \vdots \\ \$,5,985 \\ \vdots \\ 5,900 \\ \end{array}$ |
| South                                                                  | .msət əlgui2                                                                                                                                     | 6.499               |                                           |         | \$31,           |                                                                                                                               |
|                                                                        |                                                                                                                                                  | Days' work          | Number of Ashes.<br>loads coll'd { Offal. | Total.  | Amount expended | Contract.                                                                                                                     |
|                                                                        |                                                                                                                                                  | Day                 | Num                                       | To      | Amo             |                                                                                                                               |

Material collected and Cost of Hired Teams.

Expenses of Dumping-Boats.

| Amount     | expended    | $\operatorname{for}_{``}$ | Royalties (per year)         .         .         \$2,415 00           Rental         ''         .         .         4,560 00 | ,           |
|------------|-------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------|
|            |             |                           |                                                                                                                              | \$6,975 00  |
| 66         | 6 6         | "                         | Towing by department tow-boat*\$4,996 18                                                                                     |             |
| 66         | "           | "                         | Towing by hired tow-boat . 783 00                                                                                            | 5,779 18    |
| 6.6        | 66          | "                         | Repairs on boats \$5,059 26                                                                                                  | 0,110 10    |
| 66         | " "         | "                         | "" " wharf 2,598 81                                                                                                          | 7 659 07    |
| 6.6        | "           | "                         | Labor, captain \$1,500 00                                                                                                    | 7,658 07    |
| 6.6        | "           |                           |                                                                                                                              |             |
|            |             |                           | ". crew and dumpers . 3,903 29                                                                                               | 5,403 29    |
| 6.6        |             | "                         | Insurance                                                                                                                    | 100 00      |
| 66         | " "         | 66                        | Incidentals, Disinfectants . \$63 40                                                                                         | 100 00      |
|            |             |                           | Removing refuse,                                                                                                             |             |
|            |             |                           | Nantasket Beach, 75 00                                                                                                       |             |
|            |             |                           | Manilla rope . 52 03                                                                                                         |             |
|            |             |                           | Telephone 30 00                                                                                                              |             |
|            |             |                           | Blocks, cleats, etc. 2 80                                                                                                    | 2           |
|            |             |                           | Flags 8 50                                                                                                                   |             |
|            |             |                           | Kerosene oil . 4 50                                                                                                          |             |
|            |             |                           | Stove, etc 9 70                                                                                                              | •           |
|            |             |                           | Coal                                                                                                                         |             |
|            |             |                           | Salt 10 50                                                                                                                   |             |
|            |             |                           | Keys, etc 2 40                                                                                                               |             |
|            |             |                           | Ferry-tolls, etc 4 23                                                                                                        |             |
|            |             |                           |                                                                                                                              | 276 97      |
| 4.6        | " "         | "                         | Purchase of dumping-boat,                                                                                                    | 25,000 00   |
|            |             |                           | royalties, etc                                                                                                               | 25,000 00   |
|            |             |                           |                                                                                                                              | \$51,192 51 |
|            |             |                           | on towards maintenance of boat.                                                                                              |             |
|            |             |                           | sea by department tow-boat . 279                                                                                             |             |
| Numb       | er of trips | to s                      | ea by hired tow-boat                                                                                                         |             |
|            |             |                           |                                                                                                                              |             |
| <i>~</i> . | an Anim (AC |                           | 302                                                                                                                          |             |
|            |             |                           |                                                                                                                              |             |

Cost per trip, \$86.73.

Number of cart-loads of garbage carried to sea, 133,065. Cost per cart-load, 20 cents.

April 14, 1893, department tow-boat, the "Cormorant," commenced work.

#### Number of Carts collecting House-dirt, Ashes, and Offal.

| Offal-wagons | owned  | by  | Sanitary Division  |      |        |  | 86 |     |
|--------------|--------|-----|--------------------|------|--------|--|----|-----|
| **           | in use | 44  | Thomas Mulligan,   | East | Boston |  | 6  |     |
| 66           |        | "   | Allen Clark, Brigh | nton |        |  | 3  |     |
| 6.6          | 4.4    | 66. | John McShane .     |      |        |  | 7  |     |
|              |        |     |                    |      |        |  |    | 102 |

#### Capacity of Offal-wagons

During the fall of 1892, 24 offal-wagons were measured and contents weighed for the purpose of obtaining the capacity of wagons and the weight of offal per cart-load. Their capacity averaged  $3\frac{33}{64}$  cord ft., or 56.25 cu. ft., and the weight averaged 3,115 lbs. A cord equals 128 cu. ft., or 7,091 lbs. Price per cord for offal same as 1892: South yard, \$4.00; Highland yard, \$5.00; Charlestown yard, \$4.00.

#### Ash-carts.

| Ash-carts owned by Sanitary Division<br>'' in use '' Wm. F. Hedrington, East Boston<br>'' '' James Doonan, West Roxbury |  | $\begin{array}{c} 159 \\ 6 \\ 7 \end{array}$ |     |
|-------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|-----|
| Carried forward,                                                                                                        |  | 172                                          | 102 |

| Brough     | ht for                          | wa                 | rd,               |                                                                 |                                                                                                        |                                                                                                                                             |                                                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            | 172                                                                                                                                                                                           | 102                                                                                                                                                                                                   |
|------------|---------------------------------|--------------------|-------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| h-carts in | ı üse                           | by                 | Johr              | ı Br                                                            | adley.                                                                                                 | , Do                                                                                                                                        | rcheste                                                                                                                                                        | $\mathbf{r}$                                                                                                                                                               |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            | 4                                                                                                                                                                                             |                                                                                                                                                                                                       |
| 66         |                                 | 66                 | Fran              | ncis                                                            | J Mo                                                                                                   | han                                                                                                                                         | South                                                                                                                                                          | ı Bo                                                                                                                                                                       | oston                                                                                                                                                                                             |                                                                                                                                                                                         |                                            | 4                                                                                                                                                                                             |                                                                                                                                                                                                       |
| 66         | 6 G                             |                    |                   |                                                                 |                                                                                                        |                                                                                                                                             |                                                                                                                                                                |                                                                                                                                                                            | 66                                                                                                                                                                                                |                                                                                                                                                                                         |                                            | 6                                                                                                                                                                                             |                                                                                                                                                                                                       |
|            | 6 6                             | 6.6                | Johr              | M                                                               | Shan                                                                                                   | e, D                                                                                                                                        | orches                                                                                                                                                         | ter                                                                                                                                                                        |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            | 6                                                                                                                                                                                             |                                                                                                                                                                                                       |
| arket-wag  | gons d                          |                    |                   |                                                                 |                                                                                                        |                                                                                                                                             |                                                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            | 7                                                                                                                                                                                             |                                                                                                                                                                                                       |
|            |                                 |                    |                   |                                                                 |                                                                                                        |                                                                                                                                             |                                                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            |                                                                                                                                                                                               | 199                                                                                                                                                                                                   |
|            |                                 |                    |                   |                                                                 |                                                                                                        |                                                                                                                                             |                                                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            |                                                                                                                                                                                               |                                                                                                                                                                                                       |
| Grand      | total                           |                    |                   |                                                                 |                                                                                                        |                                                                                                                                             |                                                                                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            |                                                                                                                                                                                               | 301                                                                                                                                                                                                   |
|            |                                 |                    |                   |                                                                 | ~ .                                                                                                    | ~                                                                                                                                           | - ·                                                                                                                                                            |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            |                                                                                                                                                                                               |                                                                                                                                                                                                       |
|            |                                 |                    |                   |                                                                 | Cost                                                                                                   | of                                                                                                                                          | Carts.                                                                                                                                                         |                                                                                                                                                                            |                                                                                                                                                                                                   |                                                                                                                                                                                         |                                            |                                                                                                                                                                                               |                                                                                                                                                                                                       |
|            | h-carts in<br><br><br>ırket-waş | h-carts in use<br> | h-carts in use by | " " " " Fran<br>" " " Den<br>" " " Johr<br>urket-wagons owned b | h-carts in use by John Br<br>" " " Francis<br>" " " Denis O<br>" " John Mo<br>urket-wagons owned by Sa | h-carts in use by John Bradley<br>"""Francis J Mo<br>""""Denis O'Sulliy<br>""""John McShan<br>urket-wagons owned by Sanitary<br>Grand total | h-carts in use by John Bradley, Do<br>""""Francis J Mohan,<br>"""Denis O'Sullivan,<br>"""'John McShane, D<br>urket-wagons owned by Sanitary Div<br>Grand total | h-carts in use by John Bradley, Dorchesto<br>""""Francis J Mohan, South<br>""""Denis O'Sullivan, "<br>""""John McShane, Dorches<br>urket-wagons owned by Sanitary Division | h-carts in use by John Bradley, Dorchester<br>""""Francis J Mohan, South Bo<br>""""Denis O'Sullivan, "<br>""""John McShane, Dorchester<br>urket-wagons owned by Sanitary Division.<br>Grand total | h-carts in use by John Bradley, Dorchester<br>""""Francis J Mohan, South Boston<br>""""Denis O'Sullivan, """<br>""""John McShane, Dorchester<br>urket-wagons owned by Sanitary Division | h-carts in use by John Bradley, Dorchester | h-carts in use by John Bradley, Dorchester<br>" " " Francis J Mohan, South Boston<br>" " " Denis O'Sullivan, " "<br>" " " John McShane, Dorchester<br>urket-wagons owned by Sanitary Division | h-carts in use by John Bradley, Dorchester 4<br>" " " Francis J Mohan, South Boston 4<br>" " " Denis O'Sullivan, " " 6<br>" " " John McShane, Dorchester 6<br>urket-wagons owned by Sanitary Division |

1884. Ash-carts . \$148 00 1886. 6.6 142 00 . . . ۰ 66 1888. 107 00 . . 1891. 66 133 00 . 1892. 6.6 142 00 . . • • . . 1893. 6.6 142 00 . . • . .

6.6

1894.

#### Account of the Number of Loads of Material collected from 1882 to February 1, 1895.

140 00

313,464

8,555

| YEAR. | Ashes.               | Offal.   | Street-<br>sweepings. | Cesspool<br>matter. | Total loads. |
|-------|----------------------|----------|-----------------------|---------------------|--------------|
| 1882  | 159,197              | 28,385   | 52,381                | 10,051              | 250,014      |
| 1883  | 169,610              | 27,408   | 58,272                | 8,801               | 264,091      |
| 1884  | 182,642              | 28,520   | 62,222                | 12.578              | 285,962      |
| 1885  | 193,734              | 31,206   | 61,455                | 13,151              | 299,546      |
| 1886  | 209,129              | 33,170   | 59,875                | 11,392              | 313,566      |
| 1887  | 220,186              | 36,724   | 68,990                | 14,333              | 340,233      |
| 1888  | 233.514              | 37,709   | 68,019                | $^{1}5,644$         | 344,886      |
| 1889  | 227,325              | 40,183   | 70,476                |                     | 337,984      |
| 1890  | 245,730              | 40,525   | 70.449                |                     | 356,704      |
| 1891  | <sup>2</sup> 313,464 | 46.742   | $^{3}$ 10,564         |                     | 370,770      |
| 1892  | 303,878              | 46,343   |                       |                     | 350,221      |
| 1893  | 320,571              | 51,415   |                       |                     | 371,986      |
| 1894  | 326,798              | 4 50,637 |                       |                     | 377,435      |
| Total | 3,105,778            | 498,967  | 582,703               | 75,950              | 4,263,398    |

July 1, 1888, the Sewer Department commenced cleaning out cesspools.
 Ashes from January 1, 1891, to May 1, 1891
 Ashes from May 1, 1891, to February 1, 1892

 <sup>3</sup> May 1, 1891, the Street-Cleaning Division commenced cleaning streets.
 <sup>4</sup> Thomas Mulligan, East Boston, collected
 Allen Clarke, Brighton
 John McShane, Dorchester  $3,720 \\ 1,539 \\ 3,296$ 

#### Cost of Horseshoeing and Blacksmithing.

| Stock  |        |      |        |        |        |      | \$1,88 | 4 08 | Divis | ion Sh     | op. | Outside | e Shops.    |
|--------|--------|------|--------|--------|--------|------|--------|------|-------|------------|-----|---------|-------------|
| Labor  |        |      |        |        |        |      |        |      |       |            |     |         |             |
|        |        |      |        |        |        |      |        |      | S     | $^{4,382}$ | 83  | \$1.    | $,582 \ 07$ |
|        |        |      |        | Num    | BER    | OF S | Shoes  | PUT  | ON.   |            |     |         |             |
| Horses | ownee  | l by | Sanita | iry D  | ivisio | n.   |        |      |       |            |     |         | 6,921       |
| 6 +    | 6.6    | 6.6  | Stree  | t-Clea | aning  | Div  | ision  |      |       |            |     |         | 1,781       |
| ••     | · • 6  | 6.6  | Pavir  | ng Di  | vision |      | •      | •    | •     |            |     |         | 227         |
| $T_0$  | otal . |      |        |        |        |      |        |      |       |            |     |         | 8,929       |
|        |        |      |        |        |        |      |        |      |       |            |     |         |             |

Average cost per shoe, about 35 cents.

| U.       |
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| Payments<br>mada hu | the city.  | $$$7,000\ 00\ 16,000\ 00\ 5,641\ 39\ 5,641\ 39\ 10,666\ 60\ 9,993\ 75\ 7,004\ 19\ 3,538\ 49\ 4,937\ 62\ 6,428\ 02\ 6,428\ 02\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 31,975\ 00\ 00\ 00\ 00\ 00\ 00\ 00\ 00\ 00\ 0$ |
|---------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RACT.               | Ends.      | <ul> <li>April 29, 1892. April 29, 1895.</li> <li>Dicc. 20, 1892. Jan. 1, 1896.</li> <li>Diuly 25, 1894. July 25, 1904.</li> <li>July 25, 1894. July 25, 1905.</li> <li>July 25, 1893. Mar. 1, 1895.</li> <li>Mar. 1, 1893. April 15, 1895.</li> <li>Mar. 1, 1894. Mar. 1, 1896.</li> <li>Feb. 6, 1894. Feb. 1, 1896.</li> <li>April 13, 1893. 30 days' notice.</li> </ul>                                                                                                                                                                                                               |
| CONTRACT            | Commences. | April 29, 1892.<br>Dec. 20, 1892.<br>Mar. 23, 1894.<br>July 25, 1894.<br>Mar. 1, 1893.<br>Mar. 1, 1894.<br>Mar. 1, 1894.<br>Mar. 1, 1894.<br>Feb. 6, 1894.<br>April 13, 1893.                                                                                                                                                                                                                                                                                                                                                                                                            |
| Drive               |            | \$2800 00 per year.<br>8,000 00<br>8,000 00<br>5,750 00<br>5,750 00<br>4,100 00<br>4,237 50<br>7,300 00<br>7,300 00<br>7,300 00<br>1,500 per day.<br>1,500 00 per year.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Contractors.        |            | Allen Clarke.<br>John McShane.<br>John McShane.<br>N. F. Construction Co.<br>Francis J. Mohan.<br>James Doonan.<br>John Bradley.<br>John McShane.<br>Denis O'Sullivan.<br>Wn. T. Hedrington.<br>Barney D. Boat Co.                                                                                                                                                                                                                                                                                                                                                                       |
| ()RJ RCTL           |            | Removal of house-offal in Brighton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

CITY DOCUMENT No. 34.

# STREET DEPARTMENT - SANITARY DIVISION.

Payments made by City Collector.  $\frac{126}{366} \frac{00}{00}$  $\frac{1}{20}$ 91 427 22 37 \$13 \$ . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Feb. 1, 1894. Ends. CONTRACT. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . : Feb. 14, 1893. Aug. 1, 1892. Commences. 900 per month.Aug.300 a horse per year....... ", 33 ,, 79 ,, Price. \$1 50 per ton. ;; 3 "  $\begin{array}{c} 4 & 00 & \cdot \\ 1 & 00 & \cdot \\ 1 & 25 & \cdot \end{array}$ Geo. P. Winn. J. A. Budlong & Son. Thomas Burke. Contractors. O'Connor Bros. John Krug. Wyman Bros. Manure of horses at South Yard ..... town Yards...... Manure of horses at Highland Yard ..... Manure of horses at West and Charles-Refuse tin cans..... ••••• House-offal collected in the upper part of , , West Roxbury ..... OPJECT. , , , ,

Material Sold by Contract.

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| $\begin{array}{ c c c c c c c c c c c c c c c c c c c$  | Hay Ba<br>Outs 22<br>Shorts Straw Straw 339<br>Foorish voorrahle food 339 | Bales. Bushels.<br>2,619<br>377 20,284 | <ul> <li>Pounds.</li> <li>Founds.</li> <li>567,946</li> <li>649,088</li> <li>14,425</li> <li>88,062</li> <li>135,464</li> <li>135,464</li> </ul> | Total Cost.<br>\$5,156 87<br>\$,891 77<br>8,891 77<br>149 81<br>661 21<br>1,417 64<br>1,417 64 | Cost per florse Lbs. per florse per day.<br>per day.<br>\$0.1125021 [1232674 0.1091883] 1424644 1424644 1494813 0.10918833 14424644 1424644 142454 0.10121615 143456 0.10123394 0.100 | Lbs. per Horse<br>per day.<br>1232874<br>1424644<br>142256<br>142356<br>3 16406<br>5400 | per Horse<br>er day.         Divisions:<br>San. Street.Ol.           1232574         31,786         12         820           14225         41,606         413456         8164.606           143456         Average per<br>day.         31.566         91 |
|---------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ |                                                                           | teks                                   | :                                                                                                                                                | 16<br>16                                                                                       | <u>580</u><br>1686                                                                                                                                                                    | 3 2810                                                                                  |                                                                                                                                                                                                                                                          |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $  |                                                                           |                                        |                                                                                                                                                  | 1                                                                                              | 1                                                                                                                                                                                     | $32\frac{36803}{44606}$                                                                 |                                                                                                                                                                                                                                                          |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$   |                                                                           |                                        |                                                                                                                                                  |                                                                                                |                                                                                                                                                                                       |                                                                                         |                                                                                                                                                                                                                                                          |
|                                                         | 6                                                                         |                                        | 472,348                                                                                                                                          | \$4,212 83<br>6 497 76                                                                         | $\$0.14 \frac{8073}{29515}$                                                                                                                                                           | $16\frac{108}{29515}$                                                                   | 17,716 11,799<br>99.515                                                                                                                                                                                                                                  |

Average per 32 day, 49  $2^{22423}$ 30002850  $34\frac{256515}{29515}$ 1500 .0129482 22500 1710 2382975 $$0.39_{29515}^{439455}$ \$11,554 79 1,029,1672,850 7,50081,4533,000...... ..... •••••• 357 15 bbls 25 sacks. ...... Carrots ...... Total..... West-yard Stable.

Hay and Grain.

Account of Hay, Grain, and Straw fed out and used February 1, 1894, to February 1, 1895.

# CITY DOCUMENT NO. 34.

|                              |                                                                                       | Balcs.               | Bushels. | Pounds.                                                                                          | Total Cost.                                                                                                                               | Cost per Horse<br>per day.                                                                                                         | Cost per Horse Lbs. per Horse<br>per day.                                | Horses.<br>Divisions :<br>San. Street-Cl.          |
|------------------------------|---------------------------------------------------------------------------------------|----------------------|----------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------|
| Charlestown-<br>yard Stable. | llay<br>Dats<br>Shorts<br>Straw<br>Corn<br>English vegetable food.<br>Salt<br>Carrots | 735<br>72<br>9 bbls. | 4,394    | $\begin{array}{c} 170,985\\ 140,608\\ 3,500\\ 15,986\\ 2,800\\ 1,800\\ 1,800\\ 2,700\end{array}$ | $\begin{array}{c} \#1,522\\ \#1,522\\ 2,015\\ 99\\ 37\\ 75\\ 130\\ 54\\ 30\\ 10\\ 135\\ 00\\ 135\\ 00\\ 135\\ 00\\ 16\\ 20\\ \end{array}$ | \$0.163624<br>221001<br>0.221001<br>0.014021<br>0.014021<br>0.014621                                                               | 19,384<br>19,379<br>15,020<br>17,007<br>2800<br>1800<br>1800             | 6,417 2,562<br>8,979<br>Average per<br>18 day. 7   |
|                              | Total                                                                                 |                      |          | 338,379                                                                                          | \$3,888 46                                                                                                                                | $\$0.43\frac{2749}{8979}$                                                                                                          | $37\underline{6}_{89\overline{7}\overline{9}}^{1\underline{5}}$          |                                                    |
| Highland-<br>yard<br>Stable. | Hay986Oats986Shorts132Straw132Corn132Corn14 bbls.Saft2Carrots2                        | 986<br>132           | 6,734    | $\begin{array}{c} 223,442\\ 215,488\\ 7,700\\ 30,435\\ 39,928\\ 2,800\\ 2,925\\ \end{array}$     | $\begin{array}{c} \$2,011 \ \ 05\\ \$2,032 \ \ 46\\ 79 \ \ 85\\ 292 \ \ 24\\ 416 \ \ 61\\ 210 \ \ 00\\ 17 \ \ 55\end{array}$              | $\begin{array}{c} \$0.12, \$80.5 \\ 0.18, 12256 \\ 0.18, 12256 \\ 0.12242 \\ 0.012044 \\ 0.022111 \\ 0.01422 \\ 1.155 \end{array}$ | 1311867<br>1316275<br>1316275<br>12720<br>12720<br>21375<br>2800<br>2800 | 14,691 1.584<br>16,275<br>Average per<br>40 day, 4 |
|                              | Total                                                                                 |                      |          | 522,718                                                                                          | \$6,010 76                                                                                                                                | $\$0.36_{16275}^{15176}$                                                                                                           | $32_{16275}^{1918}$                                                      |                                                    |

Hay and Grain. - Concluded.

STREET DEPARTMENT - SANITARY DIVISION. 247

| Mamora                                                                               | Dounde                                                                                                | Cost                                                                                              | HORSES                                                                                                                       | HORSES PER DAY.                                                                                               | Mumber of Horses Red                                                                                                                                                                      |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| -                                                                                    | 1000                                                                                                  |                                                                                                   | Cost.                                                                                                                        | Fed out, Pounds.                                                                                              |                                                                                                                                                                                           |
| Hay<br>Oats<br>Shorts<br>Straw<br>Corn<br>English vegetable food.<br>Salt<br>Carrots | $\begin{array}{c} 1,434,721\\ 1,467,200\\ 33,125\\ 215,936\\ 203,392\\ 14,000\\ 11,285\\ \end{array}$ | #12,903 63<br>20,387 98<br>347 16<br>1,604 96<br>1,604 96<br>1,864 25<br>1,050 00<br>8 18<br>8 18 | \$0.1297565<br>0.2091248<br>0.2011248<br>0.20114124<br>0.0141121<br>0.014124<br>0.014525<br>0.015525<br>0.015525<br>0.015525 | $\begin{array}{c} 1443471\\ 14233475\\ 14233456\\ 3312550\\ 331255\\ 24642\\ 1400\\ 11285\\ 11285\end{array}$ | Sanitary Division, 70,610<br>Street-Cleaning Division, 28,765<br>Total, 99,375<br>Average number per day : 99,375<br>Sanitary Division, 195<br>Street-Cleaning Division, 79<br>Total, 272 |
|                                                                                      | 3,379,659                                                                                             | \$38,233 97                                                                                       | $\$0.38\frac{47147}{9375}$                                                                                                   | $-34\frac{909}{9375}$                                                                                         |                                                                                                                                                                                           |
| 70,610 S.<br>28,765 SI                                                               | anitary Division<br>treet-Cleaning D                                                                  | horses (averag<br>ivision horses (                                                                | e per day                                                                                                                    | $\left\{ \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\$                                  | 70,610 Sanitary Division horses (average per day193) { @\$0.38\$1447_\$\$27,166 80<br>28.765 Street-Cleaning Division horses (average per day79) } @\$0.38\$13475_\$11.067 17             |

Recapitulation.

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 $@ \oplus 0.38 \frac{4}{9} \frac{7}{3} \frac{1}{7} \frac{1}{5} = \oplus 38, 233 97$ 

99,375 horses (average number per day)......272

#### HOUSE-OFFAL.

There are employed in removing house-offal 195 men and 91 wagons. The offal is removed from dwelling-houses twice a week during the summer months and once a week during the winter; from hotels, markets, and restaurants it is removed daily. There are sixty-two routes. The men are required to enter the yards, collect the offal, and empty the same into wagons, then drive to one of the depots, located as follows: One on Albany street, one on Highland street, Roxbury, and one at the Almshouse, Charlestown; also to the dumping-boat wharf on Atlantic avenue.

The offal is sold to farmers of adjoining towns mostly; the balance is dumped on the scow and carried to sea. About 10 per cent. of the quantity collected during the past year has been disposed of in this manner.

During the past year the collection of house-offal in the Dorchester District was let out by contract; this makes three districts let out by contract for the collection of house-offal.

The New England Construction Company made an agreement during the year to dispose of all house-offal collected under the McShane contract at the rate of \$2,500 per year; their plant was erected on land owned by the city of Boston on Gibson street, Dorchester, and is now in running order.

#### HOUSE-DIRT AND ASHES.

In the collection of house-dirt and ashes there are employed 207 men and 159 carts. This material is removed from hotels, tenement-houses, and stores daily; from dwelling-houses once a week. There are eighty-two regular routes. The City Ordinances of 1892 require that house-dirt and ashes shall be kept in an easy, accessible place for removal, the men being obliged to enter yards and areas, remove receptacles to the sidewalk, where their contents are loaded upon teams. The receptacle is then replaced in its original position. The material is disposed of, if possible, on low lands, being used for filling, and also dumped on scows to be carried to sea. Of the amount collected last year, 29 per cent. was disposed of at sea.

Three sections of the city were let out by contract, to wit: territory lying west of Dorchester street, South Boston, part of Dorchester lying north of Park, School, and Harvard streets. also East Boston; making a total of six ash contract districts.

Horse Account.

| 1894.    |            | Dr.    | 1894.     | Cr                     |
|----------|------------|--------|-----------|------------------------|
| Jan. 1.  | On hand,   | 202    | Feb. 1.   | Transferred to Street- |
| July 28. | Purchased, | 1      |           | Cleaning Division,     |
| Oct. 30. | 44         | 1      | Feb. 19.  |                        |
| Dec. 6.  | 6.6        | 6      | Mar. 2.   | Returned Paving Div.,  |
| ·· 13.   | 66         | 1      | April 17. |                        |
|          |            |        | May 15.   |                        |
| $\sim$   |            |        | · 22.     |                        |
|          |            |        | " 29.     | 44 · · ·               |
|          |            |        | June 5.   |                        |
|          |            |        | " 7.      | <u> </u>               |
|          |            |        | Sept. 27. | Died,                  |
|          |            |        | Dec. 15.  |                        |
|          |            |        |           | "                      |
|          |            |        | ·· 31.    | 66                     |
|          | $\sim$     |        | 1895.     |                        |
|          |            |        | Jan. 19.  | 44                     |
|          |            | $\sim$ | " 31.     | On hand, 19            |
|          |            |        |           |                        |
| Total    | ,          | 211    | Total     | . 21                   |

#### ORGANIZATION.

- 1 deputy superintendent.
- 4 clerks.
- 3 foremen.
- 1 captain of scows.
- 6 sub-foremen.
- 1 inspector.
- 9 mechanics.
- 8 talleymen or aids.

4 watchmen.

- 3 feeders.
- 6 messengers.
- 7 stablemen.
- 12 yardmen.
- 16 dumpers.

188 ash-cart drivers and helpers.

136 offal-cart drivers and helpers. 405 employees.

The mechanics of this division are engaged in the painting of carts, street signs, wagons, etc., shoeing of horses for the Paving, Street-Cleaning, and Sewer Divisions, also the making and repairing of harnesses.

# APPENDIX D.

# REPORT OF THE DEPUTY SUPERINTENDENT OF THE SEWER DIVISION.

CITY HALL, ROOM 44, BOSTON, February 1, 1895.

MR. B. T. WHEELER, Superintendent of Streets:

SIR: The following report of the expenses, income, and business of the Sewer Division, from February 1, 1894, to February 1, 1895, together with a brief statement of the present condition of the sewers and other property, the work done this year, and what should be done in the near future that the efficiency of the sewers may be improved, is respectfully submitted.

The Sewer Division has charge of the following work :

1. The maintenance and construction of all common sewers and eatch-basins.

2. The maintenance of the Main Drainage Works.

3. The maintenance of Stony brook.

4. The maintenance and construction of all street culverts.

5. The preparation of plans and the engineering and supervision required on the construction and maintenance of all work connected with the division.

6. The granting of permits for all connections to be made with the common sewers, and the custody of bonds filed by drainlayers authorized to make such connections.

7. The levying of assessments on estates benefited by the construction of sewers.

Ninety thousand eight hundred and two (90,802) lin. ft. of sewers have been built during the past year by the city, and twenty-four thousand eight hundred and seventy-seven (24,877)lin. ft. have been built by private parties according to the plans and under the inspection of this division and accepted by the city under the usual forms of release.

#### · CITY PROPER AND BACK BAY DISTRICTS.

The sewers in Hull, Beverly, Commercial, Fayette, Falmouth, and Caledonia streets are broken down or settled to such an extent as to require rebuilding.

The main sewer in the two streets last named is very badly settled and has been shored up for years; if it fall in, it will cut off the drainage of a considerable territory.

The sewers in the Canal-street district remain in practically the

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same condition as they have been since 1883, filled with sewage and sludge. The level of the sewage in the system has been lowered a little by the building of the sewer in Lancaster street last season, and will be reduced a little more upon the completion of the sewer in Merrimac street now building, but the benefit so obtained must be considered as a slight relief only, not a remedy. The condition of this system of sewers was fully discussed in the report for 1891, to which reference is made. The building of the relief sewer therein described, across the city, has been postponed on account of the uncertainty in regard to the proposed subway, the route of which crosses that of the proposed sewer. But the work need not be longer deferred, as the plans for the subway are now sufficiently well defined as to show that, if built, it will only cause an unimportant deviation in the route of the sewer. There is no other large district in the city in which the sewers are in such a deplorable condition; the fact that much of it is occupied by tenement-houses makes the case worse.

In 1888–89 a large main sewer was built from Fort Point Channel through Mt. Washington avenue, Federal and Essex streets, to the corner of Kingston street, intercepting at this point the heavy flow of sewage and storm water which formerly flooded out the district in the vicinity of Beach street. The underlying idea was to isolate the Beach-street district from the rest of the system, and connect it directly with the intercepting system, in the same manner as the Dover and Dedham streets district have been treated, so that it, like them, might receive the benefit of direct connection with the pumps, and its low cellars be thereby ensured against flooding. An essential feature of the scheme is to shift the district regulator from Dover street to a point upon the east side interceptor north of Beach street, and to build small regulators at the connections of the Harvard and the Oswego streets sewers.

These three regulators have not been built; the system, therefore, does not operate as designed. Moreover, the Harvard-street sewer, where it crosses the interceptor, is reduced in size. The plan for the regulator at this point comprises an enlargement of the sewer; the fact that cellars in this district have been flooded during storms shows that such enlargement is necessary.

The work of building these three regulators, to complete the system, although difficult and expensive, should not longer be delayed.

Incidentally it should be mentioned that the old wooden  $4 \times 5$  ft. box sewer in Federal street, now practically unused, should be filled with gravel in order to ensure the safety of the street, as it will rot and fall in.

Attention has been repeatedly called to the condition of the sewerage of the Faneuil Hall markets; plans are ready for a satisfactory system, and the work should be done before warm weather.

Throughout the greater portion of the Back Bay territory the sewers have been built in the passageway's between the main streets, instead of in the main streets, as in the remainder of the city. This system, although an excellent one as far as conven-



OLD WOODEN SEWER-DOVER STREET.



ience in sewering the houses is concerned, and in preserving the surface of the streets from being dug up in putting in house connections, has this defect, that it supplies nothing for the drainage of catch-basins in the streets.

In many places catch-basins have been needed for many years, but have not been built because there was no sewer in the street to drain them into; an investigation of this matter has been made by this office, in consultation with the City Surveyor's office, and an estimate made of the number of catch-basins and amount of surface drainage needed to make up those deficiencies.

One hundred and thirty-three catch-basins and 7,000 linear feet of pipe sewers and surface drains will give an adequate system of surface drainage for the public streets of the Back Bay.

The four principal systems of sewers in the Back Bay, whose outlets are at Berkeley, Dartmouth, Fairfield, and Hereford streets, have very little storage capacity, and there have been complaints of flooded cellars during unusually heavy storms which occur at the time of high tide. The overflow outlets of these systems into Charles river should be enlarged, including the tide-gates, and considerable relief would be afforded in this manner.

In Charlesgate East there are twelve catch-basins connected with the sewer, which is a tributary of the Hereford-street system; these should be disconnected, and connected into the covered channel of Stony brook which lies in the same street. A large amount of surface water would be kept out of the sewers by this inexpensive change.

No sewer has been built as yet to drain the houses on the water side of Beacon street, and the sewage of these houses continues to pollute the water of Charles river. A plan has been made for a sewer in the passageway on the bank of the river, but nothing built yet except the connection with the Beacon-street sewer at the corner of Hereford street.

If a boulevard is to be built on the bank of the river, this sewer can be built more cheaply in conjunction with it; if not, it might as well be built at once.

Wherever there is a sewer outlet into a dock the city is periodically called upon to pay damages on account of the shoaling of the dock, caused, it is alleged, by the material thrown into it by the sewer. Where the common sewers are not intercepted, but flow continuously into the docks during dry weather, there is some ground for this claim: but around the city proper, the common sewers have all been tapped by interceptors and the dry-weather flow conveyed away, and nothing flows out of the old outlets except during storms, and then the flow consists of storm water and greatly diluted sewage only.

Yet, nevertheless, in numerous cases it becomes necessary to dredge a dock in which a sewer outlet exists; the city is invited to pay the bill, and if it refuse it has to stand suit. These suits are hard to defend, because it is difficult to make a jury understand the operation of the common sewers as affected by the intercepting system. The most conspicuous facts are, that there is a sewer which sometimes flows into the dock, and that dock has become partially filled up; and it is impossible to distinguish between deposits caused by a sewer and the ordinary shifting silt of the harbor.

A systematic series of observations should be made, extending over a series of years, to determine the rate at which docks silt up where there is a sewer outlet and where there is none. The subject furnishes a strong argument in favor of the public ownership of docks.

#### Work done during 1894.

Five thousand three hundred and seventy-seven linear feet of sewers have been built by the city, either by contract or day labor, and 160 feet by private parties.

In Dover street there is an old wooden box sewer  $5 \times 6$  ft. which has been in very bad condition for over fifteen years; the illustration shows a section of it thrown over to one side and wrecked. As it did not actually fall in, it was not rebuilt; but when the raising of the Dover-street bridge made it necessary to grade Dover street up, it was not thought judicious to put any more weight upon it without strengthening it. It was therefore decided to line it with masonry or build a brick sewer inside of it. The photograph shows a section of this work. Where the old sewer was found to be tipped over and thrown off line too much, for this it was opened up from the surface and rebuilt in open cut, more piles being driven to furnish a foundation wherever necessary.

A new sewer has been built in Lancaster street, and one is in progress at this time in Merrimac street, which connects with the west side intercepting sewer, and will lower the level of the water in the Canal-street system of sewers to some extent.

#### CHARLESTOWN.

The Hoosac Tunnel Dock outlet, a large wooden box sewer, has been repaired, and sewers built in Mishawam and Boyle streets.

The Somerville branch of the Metropolitan sewer having been completed in Arlington avenue, the system of sewers projected in the Alfred-street district may and should now be built.

The connections with the Metropolitan, eleven in number, should also be made this year. There are a large number of old defective sewers, built of slate, wood, and brick, which should be rebuilt, as they are not fit to be connected with the Metropolitan system on account of the quantities of ground water which they admit.

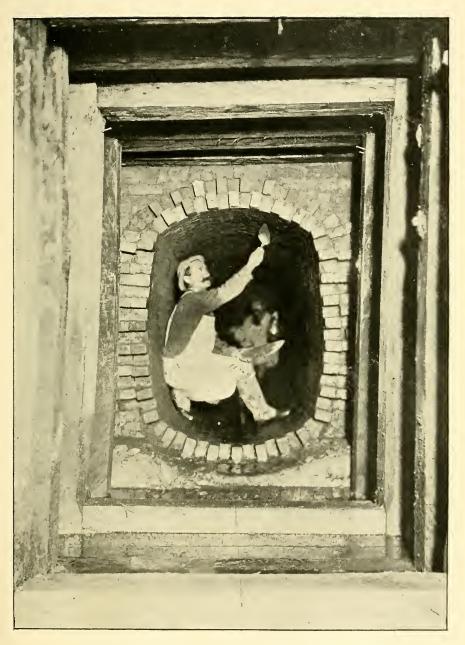
#### Work done during 1894.

Four hundred and twenty-two linear feet of sewers was built by the city, none by private parties, and nothing requiring special attention.

#### EAST BOSTON.

Jeffries, Decatur, and Brooks streets outlets should be rebuilt, and the outlet at Dock 13 extended.

Nothing has been done to the Porter-street outlet, and the



MASONRY CONSTRUCTION WITHIN DOVER-STREET SEWER.

sewage escapes along its entire length, and is distributed over the flats.

Repairs on this old box sewer are expensive and ineffectual, as the ice of the succeeding winter strains it apart again. It should be rebuilt of wood, upon a substantial pile foundation, and of such size and form as to serve subsequently as the foundation for a brick sewer. All the ashes collected by the Sanitary Division in East Boston should be hauled to it, to form an embankment to protect the new structure from the ice, and when such embankment has attained the proper size and solidity, the permanent brick sewer may be built.

The Havre-street sewer, between Meridian and Sumner, has not been rebuit, as recommended last year, but should be this year.

List year's report stated that work was about to be started on an outlet sewer for Leyden street, west of Breed street; this was postponed, and has not been done, but should be built without further delay, as a large number of houses on this street lack sewerage.

The new main sewer in Chelsea street, near Chelsea-street bridge, also mentioned last year, should be built, as it will afford an ontlet to a number of neighboring streets.

A connection with the Metropolitan intercepting sewer has been allowed at the corner of Orleans and Gove streets, at the request of this department, and the Orleans-street sewer has been started.

This sewer will do away with the damming up of the sewers at this point, and will convey the storm water from a large section directly to the Porter-street outlet, thereby relieving the overcrowded condition of the sewer in Bremen street to some extent. This relief will be complete when the Porter-street outlet is rebuilt of adequate size.

The building of the Metropolitan intercepting sewers in Bremen and Porter streets has caused some damage to the common sewers in those streets.

When the back filling in these trenches has become sufficiently well settled these sewers will need repairing, and the arch of a portion of the Bremen-street sewer will have to be rebuilt.

The Metropolitan intercepting sewers being now practically completed, connections may be made; the ordinary regulators and sump manholes will have to be put in at each connection, of which there are twelve, which may be built this year, and three more after building 2,500 feet of pipe sewer in Condor, Glendon, and Eagle streets.

#### Work done during 1894.

Thirteen hundred and twenty-three linear feet of sewers have been built by the city; none by private parties.

Morrison's wharf outlet has been repaired, and a row of piles have been driven along the edge of the wharf as far as the sewer extends to protect it from the action of the ice, by which it has been injured, more or less, every winter in the past.

Eagle-square outlet, which was nearly choked up by the banks of filling near by, has been extended 250 feet, which is sufficient for the present.

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The Paris-street sewer, from Wesley to Edgeworth place, has been rebuilt. Many complaints have been received on account of the settlement and breaking down of this sewer.

#### BRIGHTON DISTRICT.

The main sewers for the systems for the western part of the district — called the Faneuil Valley system — having been built, any streets requiring sewers in this vicinity may now be accommodated. A branch main sewer has just been started on Lake street. This sewer will receive eventually the sewage from a large tract of land in Newton; and as this city is sewered upon a separate principle, it has been found expedient to build the Lake-street sewer upon the same principle, although the remainder of the system is built upon the combined principle, supplemented by relief overflows for storm water into the water-courses at all convenient points.

Hobart street and the streets upon Bigelow Hill may now be drained.

A sewer should be built in Nonantum street, between Oak square and the Newton line. The sewage from the houses on the west side of the street must at present seep out of cesspools or flow over the surface from privies into the brook at Tremont street.

On Commonwealth avenue everything necessary for drainage of any kind has been built as far as Warren street, except a few catch-basins near the latter street, and except the structures required in that part of the avenue crossing the marshy hollow just west of Cottage Farm station, where the settlement of the filling has not yet ceased.

The outlet sewer for this whole Commonwealth-avenue system, known as the Salt Creek outlet, from the Boston & Albany Railroad to the Metropolitan sewer, will require strengthening. The soil of the marsh through which it is built is of very light and spongy character; and the covering of this material — which was the only material accessible without considerable expense — has not proved to have sufficient weight to afford the lateral support to the sewer which is necessary.

The district bounded by Chestnut Hill avenue, Union street, Washington street, Commonwealth avenue, and Sidlaw road is being cut up into streets by the Westminster Land Company. Part of this district will drain into Union street and Chestnut Hill avenue; and the sewers in these streets will afford but a poor outlet for the new sewers to be built in this district, on account of the fact that they are overcharged now far beyond their capacity by the admission of the water of the brook which flows through this valley. Unless this surface water is excluded from the sewers and restored to the brook channel, it will probably be necessary to sewer this district with an expensive separate system of house sewers and surface drains.

The remainder of the district will drain into Commonwealth avenue, near Chestnut Hill avenue, and eventually into Brookline.

The district between Commonwealth avenue, Washington street, Chestnut Hill avenue, and the Brookline line has many streets laid out by the Aberdeen Land Company. Some of these streets have surface drains, and one street, viz., Englewood avenue, has a sewer built by the city. This whole district drains into Brookline, and must be provided with house sewers and surface drains.

#### Work done during 1894.

Thirty-two thousand six hundred and sixty-four linear feet of sewers have been built by the city, and 377 feet by private parties.

This includes the mains of the Faneuil Valley system, and the practical completion of the sewers and surface drains of Commonwealth avenue as far as Warren street, and of the outlet sewer for the system.

#### SOUTH BOSTON.

The main sewer in Dorchester avenue, from its outlet at Fort Point Channel to Broadway, should be rebuilt, the portion between First street and Broadway being entirely rotten.

The sewer outlets on the southern shore of the peninsula, at N, K, I, and H streets, have all been destroyed by ice. The one at N street should be rebuilt immediately, after the pattern of the outlet at Denny street, Savin Hill. The building of the others may be delayed until the Park Department has deposited part of the filling for the proposed boulevard, which will protect them.

Defective outlets at B and Seventh streets, and at D street, cause trouble in the sewers of the south-western part of the peninsula. A comprehensive plan for uniting these and rebuilding the defective D-street sewer has been prepared by this department. This plan is also a means of draining effectively the depressed part of D street, at the Old Colony Railroad crossing.

The South Boston intercepting sewer has no proper overflow for relief when shut off from the main intercepter by the regulator.

A plan has been prepared for such an overflow sewer upon the location of the old Kemp-street sewer. The sewer in Mercer street should be rebuilt of larger size, to do away with flooding of cellars on Mercer and Yale streets.

#### Work done during 1894.

Three hundred and fifty-eight linear feet of sewers have been built by the city, and none by private parties. Nothing requiring special mention.

#### DORCHESTER DISTRICT.

A sewer system is needed for the northern half of the Savin Hill peninsula similar to the system built in the southern half; that is, a separate system of house and storm sewers. The house-sewer system would connect with the Dorchester intercepter in Sydney street.

At Dorchester Lower Mills advantage has been taken of the completion of the Lower Mills main sewer to build sewers in some of the streets; but there are other streets which need sewering, and which may now be sewered, such as River, Monson, and Idaho streets, and parts of Temple, Morton, and Washington streets.

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Between Lawrence and Geneva avenues a main sewer will have to be built through private land parallel with Blue Hill avenue, and crossing Stanwood avenue. Geneva avenue, between Wilder street and Washington street, cannot be sewered until this main is built. The Lauriat and Chapman avenues district, also the Nelson and Corbet streets district (sometimes called the Forest-avenue district), continue to call for sewers, and up to the present time, in vain. The difficulty of sewering this district, and the various routes by which it may be done, were very fully discussed in the report of the Street Department for 1892.

In short, it involves a low, level sewer, starting at the Dorchester intercepting sewer and running through Park and West Park streets, cutting through the bounding ridge of the Stony brook water-shed in tunnel, and costing, for a rough estimate, \$250,000. As any tunnel sewer to reach this district would take several years to build, it was also proposed to erect a small pumpingstation, and pump the sewage of this district into the Talbotavenue sewer, as a temporary expedient.

A petition was received in 1893 that this scheme be carried out; there does not seem to be any other means of affording sewerage to this region within a reasonable time.

An effort has recently been made to have a sewer built up Morton street, cutting through the ridge low enough to sewer Nelson and Corbet streets, leaving the rest of the district out. The objections to this plan are the large expense to be incurred for only a partial solution of the problem, and the fact that the sewer would have to be built for a long distance through an uninhabited country where nobody needs it.

A sewer has been projected through Adams and Rosemont streets, to drain all that valley, afford better sewerage to Carlisle street, and make it practicable to build a sewer in Melbourne street, and also incidentally to relieve the overcrowded Centre-street sewer by withdrawing a portion of its flow through Carlisle street; this important main is badly needed.

#### Work done during 1894.

Fifteen thousand and seventeen linear feet of sewers have been built by the city, and 17,036 linear feet by private parties. The Dorchester Lower Mills main sewer has been completed, and lateral sewers may now be built throughout the village of Lower Mills.

A sewer is under construction in Geneva avenue, between Bowdoin and Wilder streets, which will afford an outlet for a number of streets between this avenue and Washington street.

#### ROXBURY DISTRICT.

The Harrison-avenue and Northampton-street sewers are settled so badly as to make it impossible for workmen to have access to them to clean them out, unless a steam-pump should be used to keep the water down; they should be rebuilt.

As these sewers lie upon unusually deep beds of mud, pile

foundations would be very expensive; a form of construction similar in principle to that employed on Fellow street might be used. This Fellows-street sewer was a pipe sewer upon the same kind of a mud bed. It was relaid last year, supported by a wide timber platform having a longitudinal stringer upon each side, which was built up in the trench of strips forming a continuous built-up beam A recent examination showed it to be in good condition, not having settled appreciably under the weight of the back-fill. Harrison avenue and Northampton street require sizes too large for pipe, but the plan could be modified to adapt it to the support of a brick sewer.

The sewers in Halleck and Ward streets should be rebuilt.

The sewer in Huntington avenue, between Rogers avenue and Gainsborough street, which was built in 1882, is in a very dangerous condition, the arch in some cases being flattened to the level of the springing-line; also, the manholes are in a very dangerous condition.

Unless this sewer is attended to very soon it will probably cave in, as the electric cars running on the avenue cause a very noticeable vibration inside the sewer.

In the district bounded by Hammond, Tremont, Lenox streets and Shawmut avenue the cellars are but little above the level of the sewers, and are flooded by the surface water which enters the sewers in storms.

A plan has been prepared for building new house sewers at a lower level, utilizing the existing sewers for surface water, thus developing a separate system for this district; but nothing has been built.

Another district, bounded by Culvert, Tremont, and Davenport streets, and the Providence Division of the New York, New Haven, & Hartford Railroad, is in a similar condition, and a similar plan was worked up for it. The extension of Columbus avenue now cuts through this territory; the plan has been modified to suit the change, and some of the sewers required will be built in constructing that avenue.

There are numerous sources of pollution along the old channel of Stony brook between Huntington avenue and the Roxbury crossing which cannot be removed until pipe sewers are built on each side of the brook channel back of the walls, and in some places in the bottom of the channel itself.

This subject was thoroughly discussed in the report of 1892.

About 3,050 linear feet of pipe sewers will be required; none have been built.

Dorchester-brook sewer has been built from the South bay to the point where it leaves Norfolk avenue, running through private land from Clifton street.

The new brick channel should be extended about 600 feet, as this portion of the old sewer is a stone arched channel, with no covering over the arch, and so small that the floods sometimes crack and lift the arch.

Complaints have been received at various times of floodings in Guild row; a plan was prepared several years ago for extending

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the large Vernon-street sewer up to Washington street to remedy the trouble; but it has never been built.

At Notre Dame street there is much trouble from flooding; the sewers here are too small; an overflow into an old water-course now fails to give relief, because of the partial obliteration of the latter.

The extension of Columbus avenue will afford an opportunity to build a relief sewer for this vicinity.

The sewer in Vila street is the main for quite a large territory; it connects with the Metropolitan sewer, but has no overflow. Before any catch-basins can be connected with this sewer or its tributaries it should have a storm-overflow sewer built to connect it with the cover channel of Muddy river in Brookline avenue.

#### Work done during 1894.

Twenty-two thousand four hundred and forty-seven linear feet of sewers have been built by the city, and 2,807 feet by private parties. A large main sewer is in progress in Massachusetts avenue, east of the Roxbury canal, which will afford sewerage to a large territory bounded by Swett and Magazine streets, Norfolk avenue and Gerard street. In Parker street a brick sewer has been built from Bryant street to Westland avenue, which is low enough to be extended, and furnish an outlet for sewers in the low territory lying between Parker street, Massachusetts avenue, and Westland avenue.

#### WEST ROXBURY DISTRICT.

The district in the vicinity of South, Anson, and St. Mark streets should be sewered, the outlet sewer to run through private land from South street to Washington street, there to connect with the Roslindale main sewer. It will cross the location of the Providence R.R., and this section at least must be built before the tracks are raised.

Another branch of the Roslindale main sewer should be carried from the northerly of the two intersections of South and Washington streets to the extreme north-westerly point of Florence street, in order to afford sewerage to Florence, Sycamore, Brooks, and Ashland streets and the neighborhood of Mt. Hope Station.

North of Roslindale Village lies the neighborhood of Hewlett and Arundel streets, a swampy region, unsuited to cesspools. Sewers should be built here; the petitions date back to 1886.

At the request of interested citizens the grade of the sewer being built in Maple street, from the main sewer in Centre street, was depressed, and the sewer run through the divide low enough to take a part of the territory lying on the Charles-river side of the ridge. Portions of Weld, Ruskin, Pomfret, Westover, Willow, Corey streets, and Garfield avenue may now be drained into it.

The only other region in West Roxbury calling for special

mention is the valley of the Spring-street brook. This is quite thickly settled, and its sewage pollutes the above-mentioned brook, which flows into Charles river above the point where Brookline, Newton, Needham, Wellesley, and Waltham get their water-supply. A scheme of pumping the sewage of this place back over the ridge into the Roslindale main sewer at Mt. Vernon street has been recommended by this department as a temporary expedient, to last until such time as an intercepting sewer can be built down the valley of Mother brook and the Neponset river to join the Dorchester intercepter at Central avenue. In a recent report by Mr. Jackson, City Engineer, on the drainage of the Charles-river water-shed in West Roxbury, the pumping scheme is condemned, for various good and sufficient reasons, as a *permanent* solution of the question.

It was not recommended as a permanent solution, but only as a temporary expedient. It appears from the City Engineer's report that it will require about 7½ miles of intercepting sewer to be built, at a cost of \$380,000 (exclusive of land damages) to reach Spring street; and will require the concurrent action of Boston, Hyde Park, and Dedham, probably practicable only by action of the Legislature. In view of the length of time likely to elapse before this can be accomplished, it would still seem that the pumping scheme offers the only means of relieving this district within a reasonable time. Upon the completion of the intercepter the local sewers would all drain into it, and the pumping would be discontinued; the only portion of the system which would then be useless would be the force main; the system of local sewers would be substantially the same as recommended by the City Engineer.

The question of the advisability of building this pumping system depends wholly upon the length of time during which it is likely to be in use, that is, whether this time is likely to be long enough to justify us in incurring the expense of the temporay portions of the scheme; namely, the force main and the pumping plant. This time will be the time which will elapse between the completion of the intercepter by way of the valley of Mother brook.

#### Work done during 1894.

Thirteen thousand one hundred and ninety-four linear feet of sewers have been built by the city, and 4,497 feet by private parties. A branch of the Roslindale main sewer has been carried across the tracks of the Dedham Branch R.R. at Highland Station, to form an outlet for Clement avenue, Park and Bellevue and contiguous streets.

#### MAIN DRAINAGE WORKS.

The amount of sewage handled by this branch of the Sewer Division is increasing quite rapidly, not only by the amount due to the annual increase in the mileage of the common sewers of the city, but by the addition of the systems of the suburban districts in the Charles-river valley. During the last two years the sewer systems of Brookline, Brighton, Newton, Watertown, and Waltham have been added, and the town of Milton, in the Neponsetvalley, is looking for accommodation shortly.

The amount of sewage from these districts will increase annually, and unless action is taken very soon towards increasing the pumping capacity of the plant at the pumping-station the pumps will not be able to handle properly the sewage coming to them.

It will take two years to get a new pump built, set up, and in operation, if action in the matter is taken immediately, and the urgency of it can be seen from the fact that even the average daily amount pumped last year is 70% of the capacity of the plant when all the pumps are working, and it is sometimes necessary to shut down a pump for repairs for a week at a time.

A high-level intercepting sewer was included in the original design of this system, to be built when the increase in the amount of sewage should show the necessity for it. It consists of a system of intercepting sewers to be built through Dorchester, Roxbury, and Brighton, that will intercept all the sewage above grade 40 and carry it to the outlet at Moon island by gravity.

Although attention has been called to this in a previous report no action has been taken towards providing for its construction. It should be considered without delay, as it would help relieve the pumps of the present tax upon their capacity.

The force in charge of the main and intercepting sewers has been taxed to keep up with their work for the last year. The addition of a number of new connections to the system has increased greatly the amount of ironwork to look after, and the points that have to be inspected during every storm. The headquarters of this force, on Massachusetts avenue, should be put in proper condition. The men have to be on duty regardless of the weather, and the buildings are entirely inadequate for their use and comfort.

At the pumping-station the condition of the plant has been considerably improved since the last report. While, owing to a lack of appropriation, but a small part of the repairs necessary to put the plant in proper working condition have been done, still those that have been made are such that the cost of pumping has been reduced considerably.

The renewals of the valve seats of the pumps have been completed and the water ends of the pumps are in very good condition.

The pump records indicate that less sewage was pumped last year than the year before, but the reverse is the actual case. The discrepancy in the figures is caused by the difference in the slip of the pumps in the two years, it being greater in 1893 than in 1894.

Some of the principal repairs completed are: retubing the boilers; new sleeves in pump No. 1; relining of boxes on beam centres of No. 3 and No. 4, and of cam shaft on No. 3; new feedwater heater and feed pump; new steam-pipe from engine-house to filth-hoist; two new cages and chains at filth-hoist and repairs on hydraulics; re-covering of boilers No. 1 and No. 2, and a part of main steam-pipe.

A few of the repairs that cannot be deferred without liability of

having shut-downs, and the certainty of increased cost of maintenance, are the refitting of the gallery-gates, rebabbiting of main shaft boxes on No. 4 pump, the retubing of reheaters, new valve gear on pumps No. 1 and No. 2, and a new supplementary main steam-pipe. Without the latter the proper repairs cannot be made on the main pipe, as it is continually under a pressure of 100 pounds to the square inch.

The wharf needs reflooring, and should be extended about seventy feet, as suggested in a previous report.

The sludge tank, which is of wood, is decaying rapidly, and will soon have to be rebuit.

The last test of the tunnel, to determine its condition as regards deposits, gave a coefficient of 115, which corresponds closely to that obtained a year ago.

The working condition of the plant at Moon island is good, with a few exceptions. The whole of the iron fence around the reservoir, which is set on the stone coping, had to be removed and reset. It is mostly machine-work, and takes considerable time, but is nearly completed.

There has been quite an amount of filling put into the cove, near the outlet, to prevent the nuisance caused by the deposit formed by the discharge. This trouble would be removed if the sea-wall, which is part of the original design of these works, and spoken of in previous reports, were built.

The turbine wheel which works the gallery gates will have to be replaced without delay. The sewage has so acted on the iron that it is next to useless.

The gates on the outfall sewer at the reservoir will all have to be refitted, as has been done on the discharge gates; but before this work can be done the boat chamber in the outfall sewer, which has been so much needed for other purposes as well, will have to be built.

New hydrants and piping in the reservoir are necessary, the latter having become so thin that breaks are frequent.

#### CULVERTS.

The city has built numerous culverts during the past year in the Brighton, Dorchester, and West Roxbury districts. In building street culverts the city labors under a great disadvantage, as elsewhere commented upon, from not having control of the watercourse throughout its entire length. In almost every case the bottom of the culvert has to be depressed several feet below the general level of the bottom of the brook in order to obtain a waterway of sufficient size, and, at the same time, to provide for sufficient filling for the roadway over the top of it. The city has no right to enter upon private land and deepen the adjacent portions of the brook channel a corresponding amount. The connections of the culverts with the brook channels at each end are, therefore, necessarily unsatisfactory, and the culverts become settling basins, and would speedily become filled with sand and mud if not cleaned out. Culverts are usually built at those points in the course of the brook where the complaint is loudest of floods caused by the insufficient size of the existing culverts, and the building of an enlarged waterway answers its purpose of freeing the city of the responsibility of the nuisance at this point; but the immediate effect is to transfer the flood to the next insufficient culvert down stream; and a new complaint arises, often accompanied by the allegation that the city is responsible for the damage, on account of having enlarged the up-stream culvert, and thereby let the water flow down more rapidly than it ever had before.

The proper way for the city to proceed, if it had the powers, and if funds were available or the cost were assessable, would be, as a matter of course, to begin at the outlet of a water-course and improve the channel and rebuild the street culverts systematically, always proceeding up stream. Another aspect of this subject deserves attention. Land-owners, in developing their land for building purposes, now proceed to lay out streets or grade those laid out by the Board of Survey, and having satisfied the requirements as to line and grade, obtain their acceptance by the Board of Street Commissioners, having meanwhile made only such provision (often no provision at all) for water-courses that happen to cross the location of their streets as their own judgment and penuriousness may suggest.

As soon as the street is accepted the responsibility for obstructing the stream at the crossing of the new street devolves upon the city, and entails upon it the expense of building a suitable culvert. No street should be accepted by the city until after it has been examined by the Superintendent of Streets, and the provisions have been made for water-courses, if any, have been sanctioned by him.

Sewer assessments have been made by this division for the year ending January 31, 1894, in accordance with Chapter 402 of the Acts of 1892, and amendments thereto, to the amount of \$154,-401.73, and the bills have been deposited for collection with the City Collector.

Bills for sewer assessments, amounting to \$4,047.44, have also been deposited for collection, representing those estates assessed under Chapter 456 of the Acts of 1889 and amendments thereto, which have made connection with the public sewers during the year; making the total amount of assessments deposited for collection, \$158,449.17.

There remain on the books of this division at 5 per cent. interest \$36,422.33, representing the assessments under the Acts of 1889, and amendments thereto, for those estates which have not been connected with the sewers for which they were assessed, and bills for which will be deposited for collection as the connections are made. This sum represents 27.5 per cent. of the total assessments made under those acts.

Entrance fees to the amount of \$2,923.59 have been collected from estates upon which no sewer assessment was ever levied, in accordance with Chapter 36, Section 10, of the Revised Ordinances.

Two thousand one hundred and thirteen (2,113) permits have been issued to drain-layers to connect house drains with the public sewers, or to replace old connections; and the work done under these permits has been inspected and a record of same made on the plans of this division.

The following amendments to the law for the assessment of sewers in the city of Boston have been passed by the Legislature during the year:

### [CHAPTER 227.]

# AN ACT RELATIVE TO INTEREST ON SEWER ASSESSMENTS IN THE CITY OF BOSTON.

#### Be it enacted, ctc., as follows:

SECTION 1. Section six of chapter four hundred and two of the acts of the year eighteen hundred and ninety-two is hereby amended by adding at the end thereof the following words: "*provided*, that interest shall not begin to run upon sewer assessments until after the expiration of thirty days from the completion of the sewer on account of which the assessment is made"—so as to read as follows: Section 6. The provisions of sections sixteen, seventeen, and eighteen of chapter three hundred and twenty-three of the acts of the year eighteen hundred and ninety-one, and acts in amendment thereof shall, so far as applicable, apply to all assessments made under this act: *provided*, that interest shall not begin to run upon sewer assessments until after the expiration of thirty days from the completion of the sewer on account of which the assessment is made.

SECT. 2. This act shall take effect upon its passage. [Approved April 11, 1894.]

### [CHAPTER 256.]

### AN ACT RELATING TO ASSESSMENTS FOR THE CONSTRUCTION OF SEWERS IN THE CITY OF BOSTON.

#### Be it enacted, etc., as follows:

SECTION 1. Section three of chapter four hundred and two of the acts of the year eighteen hundred and ninety-two is hereby amended by inserting in the seventh line, after the word "parcels," the words : "But the number of linear feet of any such parcel which has been assessed for the building of any other sewer shall be reduced by one hundred in de-termining the number of such feet by which the proportions aforesaid shall be determined," so as to read as follows : Section 3. Said superintendent shall so apportion the said assessable cost to the parcels of land aforesaid that the amount apportioned to each parcel shall bear to the total assessable cost the proportion which the number of linear feet of each parcel on said highway or strip of land bears to the number of such linear feet of all such parcels; but the number of linear feet of any such parcel which has been assessed for the building of any other sewer shall be reduced by one hundred in determining the number of such feet by which the proportions aforesaid shall be determined, and as a lien shall attach to the parcel and to any buildings which may be thereon for such amount, as a part of the tax on such parcel. Said superintendent shall give notice of the amount of every such assessment and the interest thereon to the owner of the parcel liable therefor, forthwith after such amount has been determined.

SECT. 2. This act shall take effect upon its passage. [Approved April 16, 1894,]

| Appropriations.                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Balances on<br>hand Feb 1,<br>1894.                    | Balances on Appropriations<br>hand Feb 1, added during Total Credits.<br>1894. | Total Credits.                                                                                             | Expenditures<br>during the<br>year.                                                                      | Balances on<br>hand Jan. 31,<br>1895. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------|
| Sewer Divisiona \$304,13340Sewer Division\$\$290 00\$\$2456\$\$7Sewers, Brighton.\$\$450 00\$\$2456\$\$7Sewers, South Boston\$\$238 00\$\$7\$\$150 00Sewers, Vard 23, etc.\$\$2348 05\$\$5\$\$129Sewers, Ward 23, etc.\$\$2450 05\$\$129\$\$1500 00Sewers, Drain, Boyleton street.\$\$2450 05\$\$129\$\$1200 00Surface Drain, Boyleton street.\$\$2450 05\$\$2450 55\$\$2450 05Laying Out and Construction of Highways.\$\$2450 05\$\$2450 55\$\$2555 56\$\$295,421 92 | \$200 00<br>\$2,486 47<br>2,248 05<br>591 29<br>591 29 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$                          | \$304,133 40<br>2,486 47<br>1,880 00<br>2,380 00<br>2,380 50<br>591 20<br>591 20<br>1,600 00<br>419,697 48 | \$304,133 40<br>280 00<br>7,486 47<br>1,800 00<br>1,031 80<br>591 29<br>591 29<br>1,600 00<br>419,697 48 | \$1,266 25                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 29,981 37                                              | \$702,955 32                                                                   | \$732,936 69                                                                                               | \$731,670 44                                                                                             | \$1,266 25                            |
| In addition to the above there was expended on account of Paving Division for catch-basins, culverts, and sewers, necessitated by street construction, the sum of \$\$4,395,495, making a total of \$\$15,965,03.                                                                                                                                                                                                                                                      | r catch-basins, cu                                     | alverts, and sewe                                                              | sewers, necessitated k                                                                                     | oy street construc                                                                                       | tion, the sum of                      |

Financial Statement.

a General appropriation \$\$20,000 00

|                                                                                                    | an nonfor    |
|----------------------------------------------------------------------------------------------------|--------------|
| Plus amount transferred by Auditor January 31, 1895, to pay special drafts                         | 302,000 00   |
| b Transferred from Street Improvements, Aldermanic District No. 1.<br>6 4. Boylaton street Bridge. | \$304,133 40 |

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### CITY DOCUMENT NO. 34.

### IMPROVED SEWERAGE.

| 16.1.                                                                                                                           | PROV    | ED C        | EWEI   | KAGE  |          |       |         |                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|---------|-------------|--------|-------|----------|-------|---------|-----------------------------------------------------------------------------------------------------------------|
| Office salaries                                                                                                                 |         |             |        |       |          |       |         | \$500 00                                                                                                        |
| Bumping station inside                                                                                                          | •       | •           | •      | •     | •        | •     | •       | 50,417 89                                                                                                       |
| Dumping station, inside                                                                                                         | •       | •           | •      | •     | •        | •     | •       | 16,476 69                                                                                                       |
| Fumping-station, outside                                                                                                        | •       | •           | •      | •     | •        | •     | •       | 8,919 07                                                                                                        |
| Engines and bollers                                                                                                             | •       | •           | •      | •     | ·        | •     | •       |                                                                                                                 |
| Office salaries Pumping-station, inside Pumping-station, outside Engines and boilers . Main and intercepting sewers Moon Island | •       | •<br>•<br>• | •      | •     | •        | •     | •       | 12,887 22                                                                                                       |
| Moon Island                                                                                                                     |         | •           | •      | •     |          | •     |         | 10,360 20                                                                                                       |
| Tow-boat                                                                                                                        | •       |             |        |       |          |       |         | 3,178 $32$                                                                                                      |
|                                                                                                                                 |         |             |        |       |          |       |         |                                                                                                                 |
|                                                                                                                                 |         |             |        |       |          |       |         | \$102,739 39                                                                                                    |
|                                                                                                                                 |         |             |        |       |          |       |         | The second se |
| STONY                                                                                                                           | -BP     | 0.07        | NDD    | OVEN  | IDMT     |       |         |                                                                                                                 |
| DIONI                                                                                                                           | -DR     | 001         |        | 0111  | 1 131(1. |       |         |                                                                                                                 |
| Maintenance                                                                                                                     |         |             |        |       |          |       |         | \$10,674 08                                                                                                     |
| Retaining-walls                                                                                                                 |         |             |        |       |          |       |         | 1,274 73                                                                                                        |
| 0                                                                                                                               |         |             |        |       |          |       |         |                                                                                                                 |
|                                                                                                                                 |         |             |        |       |          |       |         | \$11,948 81                                                                                                     |
|                                                                                                                                 |         |             |        |       |          |       |         |                                                                                                                 |
| Stables and sheds, Brighton                                                                                                     |         |             |        |       |          |       |         | \$511 00                                                                                                        |
| Stables and sheds, Drighton                                                                                                     | •       | ·           | •      | •     | •        | •     | •       | <b>QUIL 00</b>                                                                                                  |
| Wand Domana stread                                                                                                              |         |             |        |       |          |       |         | \$2,933 05                                                                                                      |
| Yard, Revere street .                                                                                                           | •       | •           | •      | ·     | •        | •     | •       | \$2,000 00                                                                                                      |
|                                                                                                                                 |         |             |        |       |          |       |         |                                                                                                                 |
|                                                                                                                                 | 31.0    |             |        |       |          |       |         |                                                                                                                 |
|                                                                                                                                 | MIS     | CELLA       | INEOU  | 18.   |          |       |         |                                                                                                                 |
| Office expenses, including sal                                                                                                  | aries   | of D        | enut   | z Su  | perint   | ende  | ent.    |                                                                                                                 |
| clerks, and draughtsmen, s                                                                                                      | tatio   | nerv .      | drawi  | ino r | nateri   | als   | etc.    | \$21,001 30                                                                                                     |
| Engineering expenses, includ                                                                                                    | inga    | oloric      | a of   | ong i | nateri   | inet  | tru.    | φ21,001 00                                                                                                      |
|                                                                                                                                 | ing s   | alarie      | 5 01   | engi  | neers,   | ma    | u u-    | 27,541 70                                                                                                       |
| ments, etc.                                                                                                                     | · · · · | •           | •      | •     | •        | •     | •       |                                                                                                                 |
| Current expenses of yards an                                                                                                    | a 100   | kers        |        | •     | •        | •     | •       | 19,866 93                                                                                                       |
| Current expenses of stables, in                                                                                                 | nelud   | ling c      | ost of | hor   | ses, v   | ehic  | les,    |                                                                                                                 |
| harnesses, etc<br>Less amount earned by depar                                                                                   | •       | •           | •      | •     | \$37     | ,005  | 98 [    | 28,617 33                                                                                                       |
| Less amount earned by depar                                                                                                     | tmen    | it tear     | ns     | •     | 8        | ,388  | 65 J    |                                                                                                                 |
| Repairing sewers                                                                                                                |         |             | •      |       |          |       |         | 7,882 78                                                                                                        |
| Cleaning and flushing sewers                                                                                                    |         |             |        |       |          |       |         | 10,184 04                                                                                                       |
| Repairing sewers<br>Cleaning and flushing sewers<br>Cleaning catch-basins<br>Repairing streets                                  |         |             |        |       |          |       |         | 33,701 $82$                                                                                                     |
| Repairing streets                                                                                                               |         |             |        |       |          |       |         | 1,894 83                                                                                                        |
| Building, repairing, and clear                                                                                                  | ning    | culve       | rts an | id si | irface   | dra   | ins     |                                                                                                                 |
| not included in the Stony-b                                                                                                     | rook    | syste       | m      |       | •        |       |         | 69,421 88                                                                                                       |
| Examining condition of sewer                                                                                                    |         |             |        |       |          | Ţ.    |         | 2,043 99                                                                                                        |
| Work for departments and                                                                                                        |         |             |        |       |          | tion. | of      | _,010 00                                                                                                        |
| construction of private sew                                                                                                     |         |             |        | ng i  | mspee    | uon   | 01      | 1,638 02                                                                                                        |
| House connections                                                                                                               | ers     | •           |        | •     | •        | •     | •       | 4,168 37                                                                                                        |
| Demonstrate and alarma                                                                                                          | •       | •           | •      | •     | •        | •     | •       |                                                                                                                 |
| House connections<br>Damages and claims .                                                                                       | •       | •           |        | •     | •        | •     | •       | 5,161 23                                                                                                        |
| Holidays<br>Travelling and incidental exp<br>Repairs of department buildin                                                      |         | •           |        | •     | •        | •     | •       | 15,905 25                                                                                                       |
| Travelling and incidental exp                                                                                                   | ense    | s .         | •      | . •   |          | •     | •       | 5,035 00                                                                                                        |
| Repairs of department building                                                                                                  | ngs,    | stable      | s, an  | d ya  | .rds     |       |         | 2,585 73                                                                                                        |
| Engines and boilers and repair<br>Hardware, blacksmithing, an                                                                   | irs     |             |        |       |          |       |         | 1,598 20                                                                                                        |
| Hardware, blacksmithing, and                                                                                                    | d too   | ls, no      | t incl | lude  | d else   | when  | re .    | 10,769 10                                                                                                       |
| Rubber goods, not included e                                                                                                    |         |             |        |       |          |       |         | 1,696 92                                                                                                        |
| Stock and supplies, not inclu-                                                                                                  |         |             |        |       |          |       |         | 5,814 12                                                                                                        |
| General repairs                                                                                                                 |         |             |        | ·     |          | -     |         | 512 60                                                                                                          |
| Inspection of smoke                                                                                                             | •       | •           | •      | •     | •        | ·     |         | 955 50                                                                                                          |
| inspection of smoke .                                                                                                           | •       | •           | •      | •     | •        | •     | •       | 000 00                                                                                                          |
|                                                                                                                                 |         |             |        |       |          |       |         | \$277,996 64                                                                                                    |
| Tono over englisher met                                                                                                         | + ~ ~   | harris      | 1.00   | + -   |          |       | a kauro |                                                                                                                 |
| Less over credit on water-ra                                                                                                    |         | narge       | u on   | to s  |          |       |         |                                                                                                                 |
| tion                                                                                                                            | •       | •           | •      |       | •        | •     | •       | 2,471 56                                                                                                        |
|                                                                                                                                 |         |             |        |       |          |       |         |                                                                                                                 |
|                                                                                                                                 |         |             |        |       |          |       |         |                                                                                                                 |
|                                                                                                                                 |         |             |        |       |          |       |         | \$275,525 08                                                                                                    |

| ct or Day Labor.                                                                                           | Domonite       | INCHERTRO. | Rebuilding. Old sewer re-                                  | Rebuilding. Old sewer re- | -0240RH                                                         | Building of brick sewer inside<br>old hox sewer. | Rebuilding. 320.5 ft. of old<br>sewer removed.             | 44 ft. of old sewer removed.<br>Rebuilding. Old sewer re-                                | movea.<br>Rebuilding. Old sewer re-<br>moved. |             |
|------------------------------------------------------------------------------------------------------------|----------------|------------|------------------------------------------------------------|---------------------------|-----------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------|-------------|
| ther by Contra                                                                                             | 2005           | Cost.      | \$308 45<br>394 80                                         | 7,553 44                  | $\begin{array}{c} 155 & 66 \\ 147 & 00 \\ 364 & 66 \end{array}$ | 15,985 06                                        | $693 90 \\ 2,273 98$                                       | $\begin{array}{c} 538 & 81 \\ 1,532 & 90 \\ 483 & 54 \end{array}$                        | 504 51                                        | \$20,936 71 |
| 1895, by the City, ei                                                                                      | Dimensions and | Material.  | 12-in. pipe.<br>18-in. pipe.                               | 2 ft. 6 in.x 3 ft. brick  | 12-in. pipe.<br>12-in. pipe.<br>12-in. pipe.<br>24-in. pipe.    | brick.                                           | 12-in. pipe.<br>18-in. pipe.                               | 12-in. pipe.<br>2 ft. 6 in.x 3 ft. brick<br>18-in. pipe.                                 | 18-in. pipc.                                  |             |
| February 1,                                                                                                | Length in      | Feet.      | $97.04 \\ 82.33$                                           | 632.15                    | 64.88<br>104.17<br>136.31                                       | 00.211                                           | 140.36<br>449.97                                           | 212.71<br>168.00<br>132.87                                                               | 122.80                                        | 2,785.59    |
| Scuers built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | Locality.      | Between    | Milk st. and Crab alley<br>Harrison ave. and Washington st | Causeway st. and Minot st | Chatham st. and Butler row<br>Barton st. and Spring st          | South bay and matrison ave                       | Atlantic ave. and India sq<br>Causeway st. and Merrimac st | Moon st. and North st<br>Causeway st. and Chardon st<br>Merrimac st. and South Margin st | Cooper st. and Wiget st                       |             |
| Sewer's                                                                                                    |                | Built in   | Batterymarch st                                            | Billerica st.             | Butler sq<br>Chambers st<br>Charter st                          |                                                  | India sq                                                   | Lewis st                                                                                 | North Margin st                               |             |

City Proper-

268

CITY. DOCUMENT NO. 34.

| Norway st Falmouth st. and Massachusetts ave.                                                                      | $322.44 \\ 462.00$ | 12-in. pipe sewer.<br>6-in. pipe, house                 |                 | Rebuilt. Old sewer removed.<br>Built by contract.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                    | 87.00              | drain.<br>10-in. pipe, C.B.<br>drain.                   | \$1,561 43      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| St. Germain st Dalton st. and Massachusetts ave                                                                    | 523.69             | 6 catch-basins.<br>12-in. pipe, C.B.                    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                    | 41.26              | drain.<br>10-in. pipe, C.B.<br>drain.<br>4 catch-basins | 789 25          | المالية المعالمة المعالمة المحالية محالية محالية محالية محالية محالية محالية محالية محالية محالية المحالية محالية محالية محالية محالية المحالية محالية محالية محالية المحالية المحالية المحالية المحالية المحالية المحالية المحالية المحالية محالية محالية محالية محالية محالية محا |
|                                                                                                                    | 4221.98            |                                                         | \$33,287 39     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 48 new catch-basins built and 116 repaired                                                                         | •                  |                                                         | 7,122 12        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                    |                    |                                                         | \$40,409 51     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                    |                    |                                                         |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Surface Drains built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | id February        | 1, 1895, by the C                                       | Vity, either by | Contract or Day Labor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Boylston st Exeter st. and Hereford st                                                                             | 1,027.52<br>127.89 | 12-in. pipe.<br>10-in. pipe.                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                    | I,155.41           |                                                         |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Severs built between February 1, 1894, and February 1, 1895, by Private Parties.                                   | 1894, and          | February 1, 1895                                        | , by Private    | Parties.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Chickering pl Washington st. and Harrison ave                                                                      | 160.41             | 160.41 12-in., pipe.                                    | Ordered by      | Ordered by Board of Health.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

# STREET DEPARTMENT — SEWER DIVISION. 269

| Severs built between February 1, 1894, and February 1, 1893, by the Cuty, either by Contract or Day Labor. |                | Iventariks. | Rebuilt.                                               |            | y Contract or Day Labor.                                                                              |                                                |
|------------------------------------------------------------------------------------------------------------|----------------|-------------|--------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------|
| e Urty, enther                                                                                             | +              | COSt.       | \$1,121 88<br>$4,463$ 92                               | \$5,585 80 | (895, either b                                                                                        |                                                |
| arg 1, 1899, by th                                                                                         | Dimensions and | Material.   | 347.12 15-in. pipe.                                    |            | and February 1, 1                                                                                     | 75.00 12-in. pipe.                             |
| t, and Febru                                                                                               | Length in      | Feet.       | :                                                      |            | <i>vy</i> 1, 1894,                                                                                    | 75.00                                          |
| lt between kebruary 1, 189-                                                                                | Γος ΑLITY.     | Between     | Mishawum st., Ward<br>4 Main st. and Rutherford<br>ave |            | Surface Drains built between February 1, 1894, and February 1, 1895, either by Contract or Day Labor. | Boyle st., Ward 3 Pleasant st. and Cordis st., |
| Severs bun                                                                                                 | Lo             | Built in    | Mishawum st., Ward<br>4                                |            | Surface .                                                                                             | Boyle st., Ward 3                              |

Charlestown.

Februara 1. 1895, bu the Citu. either by Contract or Day Labor 5 1021 1 Somer built between Palar

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Severs built between February 1, 1894, and February 1, 1895, by the Gity, either by Contract or Day Labor.

| Remarks.       |           | Built in 1893.<br>Built in 1893.<br>Rebuilt. New sewer.<br>Just begun.<br>Rebuilt.<br>Built in 1893.<br>Rebuilt. Labor paid for<br>direct by B., R. B., &<br>L. R.R. Co.             |             |
|----------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Cost.          |           | $ \begin{array}{cccccccccccccccccccccccccccccccccccc$                                                                                                                                | \$14,653 71 |
| Dimensions and | Material. | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$                                                                                                                              |             |
| Length         | in Feet.  | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                |             |
| JTY.           | Between   | street, Ward 1                                                                                                                                                                       |             |
| LOCALITY.      | Built in  | Byron street, Ward 1<br>Eagle-square outlet<br>Curtis street, Ward 2<br>Morrison's dock<br>Orleans street, Ward 2<br>Paris street<br>Sunner street, Ward 2<br>Webster street, Ward 2 |             |

| by Contract or Day Labor.                                                                                  | -<br>-         | Ivenarks. | Contract.                                                      | North side, 874.62 ft. built by contract.      |                                                                    |                                                       |                                      | North side, 1,464.86 ft. 12-in. pipe                 | built by contract.             |                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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|------------------------------------------------------------------------------------------------------------|----------------|-----------|----------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------|------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| e City, either l                                                                                           | Ċ              | Cost.     | } \$1,823 27                                                   | 4,055 74                                       | 8,868 72                                                           | 933 69                                                |                                      | 27,364 19                                            |                                | } 6,480 01                                                            | 4,270 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| uary 1, 1895, by the                                                                                       | Dimensions and | Material. | 10-in., pipe.<br>12-in., pipe.                                 | 12-in., pipe.                                  | 2 ft. 6 in. × 3 ft.<br>9 in., brick.                               | 18-in., pipe.                                         | 3 ft. 6 in. × 3 ft.<br>9 in., brick. | 2 ft. 4 in. × 3 ft.<br>6 in., brick.                 | 24-in., pipe.<br>18-in., pipe. | 12-111., pipe.<br>15-in., pipe.<br>12-in., pipe.                      | 2 ft. 6 in. × 3 ft.,<br>brick.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 94, and Febr                                                                                               | Length in      | Feet.     | $\left\{\begin{array}{cc} 566.72 \\ 450.70 \end{array}\right.$ | 1,749.52                                       | 1,081.80                                                           | 544.00                                                | 600.60                               | $\{1,483.70\}$                                       | 104.98<br>656.10               | $\left\{\begin{array}{c}1,404.50\\99.00\\1.547.80\end{array}\right\}$ | 610.90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Severs built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | Locality.      | Between   | Oak sq. and Webster st                                         | 209 ft. E. of St. Paul st.<br>and Pleasant st. | B. & A. R.R. and Com-<br>monwealth ave.                            | 160 ft. E. of Harvard ave.<br>and Warren st           |                                      | 160 ft. E. of Harvard ave.<br>and 515 ft. E. of Mal- | vern st                        | 515 ft. E. of Malvern st.<br>and Pleasant st                          | Western ave. and Smith st.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sewers                                                                                                     | Ic             | Built in  | Bigelow st., Ward 25.                                          | both sides, Ward 25, No. 6                     | Com'onwealth ave.,<br>outlet in private<br>land, Ward 25,<br>No. 5 | Com'onwealth ave., )<br>north side, Ward<br>25, No. 2 |                                      | Com'onwealth ave., both sides, Ward                  | 25, Nos. 3 and 7. )            | Com'onwealth ave.,<br>both sides, Ward                                | <sup>29, 100</sup> <sup>400</sup> <sup>400</sup> <sup>400</sup> <sup>100</sup> <sup>1</sup> |

Brighton. 2011 - Difference 1, 1804 and Edward 1, 1805 hards Other address to day

| 1 tide-gate, M. H.                                                                                                   | Overflow, tide-gates, and connection<br>with Met. main sewer.                                                                                   | Overflow and title-restor                                                                                                                                                               |                                                 | Just begun.<br>Built in 1893.<br>Built in 1893.                                                            |                       |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------|
| }                                                                                                                    | 12,014 53                                                                                                                                       | 31,419 47                                                                                                                                                                               | 8,980 02                                        | ) 297 11<br>275 80<br>230 14<br>932 67                                                                     | \$112,763 80          |
| <ul> <li>3 ft. 9 in., circular brick.</li> <li>5 ft. 6 in., circular brick.</li> <li>5 ft. × 5 ft., wood.</li> </ul> | 24-in., pipe.<br>3 ft. 9 in. $\times$ 3 ft.<br>11 <sup>§</sup> in., brick.<br>48-in., iron pipe.<br>4 ft. 3 in. $\times$ 4 ft.<br>6 in., brick. | <ul> <li>48-in., iron pipe.</li> <li>4 ft. 3 in. × 4 ft.</li> <li>6 in., brick.</li> <li>3 ft. 9 in. × 3 ft.</li> <li>11 § in., brick.</li> <li>3 ft. × 3 ft. 24 in., brick.</li> </ul> | <ul> <li>48-in</li></ul>                        | 04 in., brick<br>12-in., pipe.                                                                             | 17,101.65 8112,763 80 |
| $\left\{\begin{array}{c} 114.46\\ 13.00\\ 125.00\end{array}\right.$                                                  | $\begin{bmatrix} 14.16\\766.90\\12.00\\102.05\end{bmatrix}$                                                                                     | $\left \begin{array}{c} 19.00\\ 976.35\\ 1,222.01\\ 1,328.24\end{array}\right $                                                                                                         | 12.60<br>710.49<br>42.07<br>432.24              | 250.40                                                                                                     |                       |
| Met. main sewer and<br>Charles river                                                                                 | Met. main sewer and Fan-<br>euil st                                                                                                             | Parsons st. and Oak sq                                                                                                                                                                  | Fairbanks st., Wd. 25. Faneuil st. and Wash. st | Spring and N. Beacon sts.250.4004 in., brick130 ft. south of school and<br>No. 68 and Wexford12-in., pipe. | Carried forward.      |
| FANETIL VALLEY<br>SEWER:<br>SEWER:<br>Outlet in Parsons st.<br>Mard 25                                               | Parsons st., Ward 25.<br>Revulator and sum.                                                                                                     |                                                                                                                                                                                         | Fairbanks st., Wd. 25.                          | George st., Ward 25.<br>Lake st., Ward 25<br>Market st., Ward 25<br>Murket st., Ward 25.                   | Carried forward       |

| <b>Brighton.</b> – Continued.<br>Severs built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | (          | Actuarks,     | One sump manhole, one regulator man-<br>hole, and connection with Met. main | Sewer.<br>Contract.<br>Built in 1893.     | Built in 1893.                                          | Overflow manhole and chamber and<br>tide-gate manhole.                                 | Contract.                                               |              |                         |             |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------|-----------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------|--------------|-------------------------|-------------|
| e City, either                                                                                                                              | ż          | C051,         | \$112,763 80<br>\$\$2,815 89                                                | 2,838 94<br>61 27                         | 290 83                                                  | 20,110 11                                                                              | 3,181 46                                                | \$142,062 30 | 4,484 44                | *116,516 74 |
| Brighton. – Continued.<br>d February 1, 1895, by th                                                                                         | Dimensions | and Material. | 15-in., pipe.<br>24-in., pipe.                                              | 15-in., pipe. }<br>12-in., pipe. }        | 3 ft. 9 in. × 3 ft.<br>11§ in., brick.<br>18-in., pipe. | 15-in., pipe.<br>12-in., pipe.<br>12 in., iron-pipe.<br>12-in., pipe.<br>15-in., pipe. | 2 ft. × 3 ft., brick.<br>15-in., pipe.<br>12-in., pipe. |              |                         |             |
| Bright, and Februa                                                                                                                          | Length     | in Feet.      | $\left\{\begin{array}{ccc}17,101&65\\15,20\\169.05\end{array}\right\}$      | <pre>294.05 1,089.73-</pre>               | 362.23                                                  | 241.00<br>24.00<br>68 44                                                               | { 682.66<br>491.00<br>755.38                            | 22,845.66    |                         |             |
| t between February 1, 1894                                                                                                                  | Locality.  | Between       | Spurr st. and Western ave.                                                  | Faneuil st. and Newton<br>and Boston line | Fairbanks st. and Foster<br>st.                         | Fairbanks st. and Oak sq.                                                              | Market and Hillside st                                  |              | built                   |             |
| Severs built                                                                                                                                | Le         | Built in      |                                                                             | · · ·                                     | Spring st., Ward 25<br>Washington st., Wd.<br>25        | Washington st., Wd                                                                     | Wexford st., Wd. 25.                                    |              | 59 new catch-basins bui |             |

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|                                                 |                                                            |                                                  |                                                                      |                               |                                                      |                                                                                          | Culvert.                                        |                 |
|-------------------------------------------------|------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------|-------------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------|
|                                                 |                                                            |                                                  |                                                                      |                               |                                                      |                                                                                          |                                                 |                 |
| 24-in., pipe.<br>15-in., pipe.<br>12-in., pipe. | 7 in. $\times$ 12 in.,<br>wood.<br>10 in. $\times$ 12 in., |                                                  | 6 ft. 6 in. $\times$ 7 ft.,<br>stone.<br>6 ft. 6 in. $\times$ 7 ft., | 5 ft. × 6 ft., con-<br>crete. | 4 ft. × 5 ft., con-<br>crete.<br>3 ft. × 3 ft., con- | 18-in., pipe.<br>24 in., pipe.<br>12-in., pipe.<br>10-in., pipe.<br>3 ft. X 3 ft. 4 in., | stone.<br>2 ft. $\times$ 3 ft. 2 in.,<br>stone. |                 |
| 270.00<br>904.58<br>640.03                      | 39.60<br>47.57                                             | 204.00<br>537.20<br>920.83<br>1,108.60<br>507.75 | 6.04<br>514.79                                                       | 996.30                        | 39.00<br>                                            | $\begin{array}{c} 229 \ 80 \\ 850.00 \\ 1,476.00 \\ 60.00 \\ 274.35 \end{array}$         | 111.00                                          | 9,929.53        |
|                                                 | 270 ft. E. of St. Paul st.<br>and Pleasant st              | Brighton ave. and Pleasant<br>st                 |                                                                      |                               | Brighton ave. and Warren<br>st                       |                                                                                          |                                                 |                 |
| Commonwealth ave.,                              | Ward 25                                                    | Commonwealth ave.,<br>Ward 25                    |                                                                      |                               | Commonwealth ave.,<br>Ward 25                        |                                                                                          |                                                 | Carried forward |

| Surface Drains and Culterts built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. |                | Avelität K.S. |                     | Cuivert.             | . Culvert. Kebuilding.                   | Culvert. Rebuilding.                    | Cuivert. Rebuilding.                    | Private Parties.                                                                 |                          |                                                         |        |
|---------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|---------------------|----------------------|------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------|--------|
| 1895, by th                                                                                                                     |                |               |                     | •                    | •                                        | • • • • • • • • • • • • • • • • • • • • | • • • • • • • • • • • • • • • • • • • • | l, 1895, by                                                                      |                          |                                                         |        |
| vry 1, 1894, and February 1,                                                                                                    | Dimensions and | Material.     | 5 ft. 6 in. × 8 ft. | 6 ft. 6 in. × 8 ft., | concrete.<br>6 ft. $\times$ 7 ft. 9 in., | concrete.<br>Double 5 ft. 6 in. X       | o II, stone.                            | 94, and February ]                                                               | 12-in., pipe.            | 10-in., pipe.                                           | 0      |
|                                                                                                                                 | Length in      | Feet.         | 9,929.53<br>48.72   | 45.30                | 47.20                                    | 70.00                                   | 10,140.75                               | ruary 1, 189                                                                     | 247.43                   | 129.50                                                  | 376.93 |
| Culverts built between Febru                                                                                                    | Locality.      | Between       | Near Washington st  | Near Hobart st       | Near Faneuil st                          | Near Fairbanks st                       |                                         | Severs built between February 1, 1894, and February 1, 1895, by Private Parties. | Murdoek and Lucas sts    | Old dead end of sewer and<br>Westerly branch of street, |        |
| Surface Drains and                                                                                                              | Lo             | Built in      | Brought forward     | Faneuil st., Wd. 25  | Parsons st., Wd. 25                      | Washington st., Wd.<br>25               |                                         |                                                                                  | Cypress road, Ward<br>25 | 25                                                      |        |

Brighton. – Concluded.

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CITY DOCUMENT NO. 34.

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| Remarks.                 |           | \$338 48 Rebuilt.<br>13 36 Contract; built in 1893.<br>1,246 89 Contract.                                                                       |                                          |            |
|--------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|
| Cost.                    |           | \$338 48 ]<br>13 36 (<br>1,246 89 (                                                                                                             |                                          | \$2,401 37 |
| Length in Dimensions and | Material. | 163.15 12-in., pipe.                                                                                                                            |                                          |            |
| Length in                | Feet.     | 163.15                                                                                                                                          | 357.95                                   |            |
| Locality.                | Between   | A st., Ward 13         Fourth and Silver sts         163.15         12-in., pipe.           E st., Ward 13          19.80         12-in., pipe. | 2 new catch-basins built and 16 repaired |            |
| Lo                       | Built in  | A st., Ward 13<br>E st., Ward 13<br>Story st., Ward 14                                                                                          | 2 new catch-basins buil                  |            |

| r by Contract or Day Labor.                                                                                | Remarks.            |           | Contract. Built in 1893.<br>Much rock.<br>Much rock.<br>All rock.<br>Contract. Built in 1893.                                                          |                                        | Very much rock.                                                                                                                                                | Considerable rock.<br>Just begun.    | Much rock.                                                       |
|------------------------------------------------------------------------------------------------------------|---------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------|
|                                                                                                            | Cost.               |           | \$1,326 21<br>112 97<br>956 84<br>2,129 94<br>2,053 47<br>278 38                                                                                       |                                        | 16,328 00                                                                                                                                                      | $1,068 \ 38 \\ 86 \ 36$              | 11,969 30                                                        |
| 15, by the City, eith                                                                                      | Dimensions and      | Material. | 678.98 12-in., pipe.<br>242.65 12-in., pipe.<br>204.85 10-in., pipe.<br>274.30 10-in., pipe.                                                           |                                        | 2 ft. 6 in. × 3 ft.,<br>brick.<br>2 ft. × 3 ft., brick.                                                                                                        | 12-in., pipe.<br>2 ft.×3 ft., brick. | 18-in., pipe.<br>24-in., pipe.<br>15-in., pipe.<br>12-in., pipe. |
| Severs built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | Lengtlı in<br>Feet. |           | 678.98<br>242.65<br>204.85<br>274.30                                                                                                                   |                                        | 599.74<br>547.17                                                                                                                                               | 339.25<br>700.10                     | 210.30<br>734.14<br>525.55<br>454.91                             |
|                                                                                                            | Υ.                  | Between   | Codman st. and Milton st.,<br>Bowdoin st. and Olney st.,<br>Mt. Vernon and Grafton sts.<br>Winter and High sts<br>Josephine st. and West-<br>ville st. |                                        | Dorchester ave. and<br>Wa-hington st<br>Washington st, and Mor-<br>ton st,                                                                                     | st                                   |                                                                  |
| Sewers built between h                                                                                     | Locality.           | Built in  | Adams st                                                                                                                                               | DORCHESTER LOWER MILLS<br>TRUNK SEWER. | Private land of A. Churchill., {<br>Private laml of N. F. Safford<br>heirs, and Eunice B. Ruggles<br>Private land of N. F. Safford<br>heirs, and of F. M. Cain | et als                               |                                                                  |

Dorchester.

ter.

| Contract. Built in 1893.<br>Contract. Built in 1893.<br>Contract. Built in 1893.<br>Contract. Built in 1893. |                                                                                                                                    | 96 29   Contract.<br>39 04   Built in 1893. |                                                           | Contract.                      | Contract. Built in 1893.<br>Day labor.<br>Contract. Built in 1893. |                                                                    | By day labor.                  | Much rock.                     |                                                           |                                                                                     | Considerable rock.                                        |                                       |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------|--------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------|--------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------|
| 59 57<br>59 63<br>473 48<br>51 16                                                                            | $\left. \begin{array}{c} 2,282 \ 51 \\ 642 \ 40 \end{array} \right\}$                                                              | 196 29<br>39 04                             | 1,024 19                                                  | 2,025 35<br>a. 60              | 20 02<br>861 07<br>1,029 03                                        | 283 46                                                             | 11 202 2<br>                   | 41 9,000 41                    | 608 67<br>3,175 46                                        | 2,575 67                                                                            | 1,985 04                                                  | \$59,310 88                           |
|                                                                                                              | 1,582.30 12-in., pipe.<br>163.40 17-in., pipe.<br>218.75 10 in , pipe.                                                             | 121.99   15-in., pipe.                      | 365.43   15-in., pipe.                                    | 163.39 12-in., pipe.           | 328.10 18 iu., pipe.                                               | 12-in., pipe.                                                      | 12-in., pipe.<br>18-in., pipe. | 18-in., pipe.<br>12-in., pipe. | 12-in., pipe.<br>15-in., pipe.                            | 12-in., pipe.<br>12-in., pipe.<br>12-in., pipe.                                     | 12-in., pipe.                                             | 12,681.24                             |
|                                                                                                              | $1,382.30\\163.40\\218.75$                                                                                                         | 121.99                                      | 365.43                                                    | 163.39                         | 328.10                                                             | 145.63                                                             | 57.60<br>7.20                  | 86.45<br>606.30                | 253.10<br>767.72                                          | 509-60<br>369.48<br>820.16                                                          | 802.70                                                    |                                       |
|                                                                                                              | Auturns st. and Areponset are are and Weisser and Washing- allston st. and Washing- ton st. and More st. Stockton st. and More st. | (Outlet for Mora st.)                       | Dorchester Lower Mills<br>trunk sewer and San-<br>ford st | Bertram st. and Pope's Hill st | Kilton and Whitfield sts                                           | End of existing sewer<br>near Mayfield st., and<br>about 120 ft. N | Cedar and Washington sts.,     | Washington and Cedar sts.,     | Pleasant and Salcombe sts.<br>Sandford st. and River st., | Argyle st. and Welles ave.,<br>Welles ave. and Brent st<br>Brent and Washington sts | Monson st. and Dorches-<br>ter Lower Mills main,<br>sewer | · · · · · · · · · · · · · · · · · · · |
|                                                                                                              | King st                                                                                                                            | Private land                                | Morton st                                                 | Neponset ave                   | Park st.<br>Park st.                                               | Pleasant st                                                        | Sanford st                     | Santord st                     | Stoughton st                                              | Lauoteave. extensions                                                               | Temple st                                                 | Carried forward                       |

| act or Day Labor.                                                                                                                   | Bamarles                | Perinar No.           | Contract. Considerable rock.<br>Contract. Built in 1893.             |                                  |                                           |             | Contract or Day Labor.                                                                                              | Much rock.                                                   |                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|----------------------------------------------------------------------|----------------------------------|-------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| ther by Contr                                                                                                                       | Coet                    |                       | \$59,310 88<br>96 49<br>1,898 44                                     | 10 03<br>604 57                  | \$61,920 41<br>4,713 53                   | \$66,633 94 | y, either by (                                                                                                      |                                                              |                                                                                            |
| DOFCHOSICT Continued.<br>Severs built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | Dimensions and Material | DIREPSIONS SHO MUCHAN | 12-in., pipe.<br>15-in., pipe.                                       | 5 12-in., pipe.                  |                                           |             | Surface Drains built "between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | 209.00 6 ft. × 6 ft., wooden.                                | 0 18-iu., pipe. }<br>5 15-iu., pipe. }<br>0 3 ft. X 3 ft. 4 in., stone.<br>0 24-in., pipe. |
| <b>Dorch</b><br>4, and Febr                                                                                                         | Length in               | Feet.                 | $\left\{\begin{array}{c}12,681.24\\55.00\\280.20\end{array}\right\}$ | 289.05                           | 13,305.49                                 |             | 1894, and                                                                                                           | 209.00                                                       | $\begin{cases} 190.10\\ 246 15\\ 17.00\\ 307.50 \end{cases}$                               |
| ill between February 1, 189                                                                                                         | Госаниту.               | Between               | Ashmont st. and Dunbar st.,                                          | Sumner st. and Bakersfield<br>st | 41 new catch-basins built and 15 repaired |             | is built between February 1,                                                                                        | Public Ground and Water<br>Department Y ard on<br>Gibson st. | Buttonwood and Von Hil-<br>lern sts<br>Northern ave. and Whit-<br>field st                 |
| Sewers bu                                                                                                                           | L                       | Built in              | Brought forward<br>Washington st                                     | date ave                         | 41 new catch-basins b                     |             | Surface Drain                                                                                                       | Garbage Yard                                                 | Mt. Vernon st<br>Talbot ave                                                                |

Dorchester. - Continued.

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CITY DOCUMENT No. 34.

|                                                         | 0110                                                                                                        |                                                                                                                                                       | - ~                                                                              |                                               |                                                                                                 |                                              |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------|
|                                                         | ract or Day Labor.                                                                                          |                                                                                                                                                       | arties.                                                                          | Estate of "Ezra H. Baker<br>Farm Associates." | Estate of Joseph I. Stewart.                                                                    |                                              |
|                                                         | her by Cont                                                                                                 |                                                                                                                                                       | Private Po                                                                       |                                               |                                                                                                 |                                              |
| 6 ft. × 3 ft. 4 in., concrete<br>conduit.               | Culrests hult between February 1. 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | <ul> <li>4 ft. × 2 ft. 8 in., brick<br/>syphon culvert.</li> <li>24-in., pipe.</li> <li>4 ft. 8 in. × 3 ft. 6 in., con-<br/>crete culvert.</li> </ul> | Severs built between February 1, 1894, and February 1, 1895, by Private Parties. | 156.90   12-in., pipe.                        | 12-in., pipe.<br>18-in., pipe.<br>15-in., pipe.<br>12-in., pipe.                                | l2-in., pipe.<br>12-in., pipe.               |
| 741.50                                                  | . and Febru                                                                                                 | 13.00<br>61.00<br>56.00                                                                                                                               | uary 1, 185                                                                      | 156.90                                        | 396.00<br>669.68<br>910.18<br>540.55                                                            | 932.87<br>960.40<br>4,506.58                 |
| Millet and Spencer sts<br>Wheatland ave. and Park<br>st | itt hetmeen Fehrmary 1. 1894                                                                                | Park st. and Shawmut<br>branch O. C. R.R<br>White st. and Page ave<br>Wheatland ave. and Talbot<br>ave.                                               | Severs built between Febri                                                       | Stoughton and Willis sts                      | Dorchester ave. and Boston<br>st<br>Geneva ave. and Green-<br>brier st<br>E. Bowdoin sq. and W. | <u> </u>                                     |
| Wheatlandave, and<br>Spencer st                         | Culverts bui                                                                                                | Geneva ave.                                                                                                                                           |                                                                                  | Bakersfield st                                | Bellflower st<br>Bloomfield st<br>Bowdoin-sq., South                                            | Branch ave. and Pri-<br>vate st<br>Corona st |

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# STREET DEPARTMENT - SEWER DIVISION. 281

| y 1, 1894, and February 1, 1895, by Private Parties. |
|------------------------------------------------------|
| I P                                                  |
| an                                                   |
| 1894                                                 |
| Ι,                                                   |
| n February                                           |
| It between                                           |
| s built                                              |
| Sewers                                               |
|                                                      |

Estate of "Ezra H. Baker Farm Associates." Estate of Cheever Newhall. Remarks. Dimensions and Material 12-in., pipe. 12-in., pipe. vipe. pipe. pipe. pipe. 2-in., pipe. pipe. pipe. pipe. pipe. pipe. pipe. I2-in., pipe. (2-in., pipe. 12-in., pipe. 12-in., pipe. Z-in., pipe. 2-in., pipe. pipe. 12-in., pipe. 12-in., 1 15-in., 1 lő-in., l 12-in., 1 12-in., 1 12-in., 1 15-in., 1 2-in., 12-in., 1 12-in., 1 [2-in., ] 526.50 185.00 370.70 496.90479.24 219.60 224.85 209.95 ,168.42 66 18 431.27 600.63 297.90 218.25 384.85 566.85 6:33.30 422.15 380.45 4.566.58 459.93 895.20 Length in Feet. Pleasant and Bakersfield sts. ..... Glen and Elmo sts. ..... Geneva ave. and Bowdoin st. Blue Hill ave. and end of street.... Adams and Milton sts. ..... Mora and Stockton sts. ..... Bowdoin ave. and Bullard st..... Marshfield and E. Cottage sts. .... Northern and Southern aves. ..... Codman and Van Winkle sts..... Ashland and Freeport sts..... Gorham and Nixon sts. ..... f Blue Hill ave. and end of street ... Washington st. and Milton ave.... Blue Hill ave. and end of street... Centre and Clement sts..... Intervale and Devon sts. ..... Between LOCALITY. Willis st ..... Mora st. and Private land ..... Trescott st..... Morrill st.... Hinckley st. Brunswick st..... Private land..... Magdala st. ..... Malvern st..... Mill st. Nottingham st.... Cottage terrace ..... Gorham st..... Greenwood st..... Iloliday st. .... Intervale st..... Clement st. Hopestill ave. .... Brought forward Devon st. Built in

| Considerable rock.<br>Considerable rock.<br>Much rock.<br>Much rock.<br>Some rock.<br>Considerable rock.                                                                                                                                                                                                                                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 747.13         12-in., pipe.           327.80         12-in., pipe.           543.10         12-in., pipe.           543.10         12-in., pipe.           558.41         12-in., pipe.           558.41         12-in., pipe.           250.80         12-in., pipe.           299.50         15-in., pipe.           7.033.52         15-in., pipe.                                                                                        |  |
| Speedwell st       Topliff and Barrington sts         Norton st       Stonehurst and Bowdoin sts         Stonehurst st.       Topliff and Barrington sts         Barrington st.       Topliff and Barrington sts         Stonehurst st.       Topliff and Barrington sts         Barrington st.       Roughton st. and Bowdoin st         Salcombe st.       Stoughton st. and Cushing ave         Wentworth st.       Norfolk and Torrey sts |  |
| Speedwell st<br>Norton st<br>Stonchurst st<br>Barrington st<br>Salcombe st<br>Wentworth st                                                                                                                                                                                                                                                                                                                                                    |  |

| or Day Labor.                                                                                              | Remarks.                 |                    | Duilt in 1002                                   |                                                            | Rebuilding. Old sewer re-<br>moved. New sewer laid on     | a specially designed plat-<br>form. | Much rock.<br>Built in 1893.                 | 1,195 78 Much rock.                   | Much rock.                                            |                                                                | by contract. Very Very Built in 1893.                 |
|------------------------------------------------------------------------------------------------------------|--------------------------|--------------------|-------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|----------------------------------------------|---------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|
| er by Contract                                                                                             | c                        | COSt.              | \$1,827 19                                      | 321 41                                                     | 200 00                                                    | 11,044 06                           | 291 12<br>193 23                             | 1,195 78                              | 251 26<br>1,740 66                                    | 2,251 81<br>9 134 66                                           | 555 80<br>771 97                                      |
| Sewers built between February 1, 1894, and February 1, 1895, by the City. either by Contract or Day Labor. | Dimensions and Material. |                    | 417.78 18.in., pipe. }<br>29.43 12-in., pipe. } | 12-in., pipe.<br>10-in. × 12-in., wood. }                  | 18-in., pipe.<br>15-in., pipe.                            |                                     | 12-in., pipe.                                | 298.88   12-in., pipe.                | 12-in., pipe.<br>12-in., pipe.                        |                                                                | •                                                     |
| 894, and 1                                                                                                 | Length in                | Length in<br>Feet. |                                                 | $\left\{\begin{array}{c} 45.00\\ 268.62\end{array}\right.$ | 64.(0<br>519.18                                           | ( 535.71                            | 50.00                                        | 298.88                                | 128.51<br>574.83                                      | 482.58                                                         | 179.96                                                |
| built between February 1, 10                                                                               | Locality.                | Between            |                                                 | Massachusetts ave. and<br>Turner st.                       | Stookine ave. and Essex<br>st<br>Northampton st. and Hun- | Existing sewer, and about           | 100 feet west<br>Bicknell st. and Parker st. | Ilomestead st. and Hutch-<br>ings st. | ford st. and Ruthven st<br>Calumet st. and Sachem st. | Sunset st. and Wait st<br>Harrison ave. and Wash-<br>inoton st | Kenmore and West<br>Newbury sts Dorr st. and Cedar st |
| Sewers                                                                                                     | Ić                       | Built in           | Bartlett court                                  | Caledonia st.                                              | Commonwealth ave.<br>Fellows st                           | Guild st                            | Ileath st                                    | Harold st                             | Hillside st.                                          | Hillside st                                                    | Kenmore and West<br>Newbury sts                       |

Roxbury.

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## CITY DOCUMENT No. 34.

|               | STRE                                                                                                                                                                                                                          | ET DEP                                                                | ARIM.                                     | ENT -     | - GE                                       | WER L                                                                                                                                         | IVISION                                                                    | •                                                       | 00               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------|-----------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------|------------------|
|               | Rebuilding. Old sewer re-<br>moved.                                                                                                                                                                                           | Nearly all rock.                                                      | Nearly all rock.                          | All rock. |                                            | e Acts of 1891, as amended                                                                                                                    | Built by contract.<br>Contract : built in 1893.                            | Outlet for Parker st. Built<br>by contract.             |                  |
| 1,950 02      | Cost shown in<br>sewer repairs.<br>\$10,042 38                                                                                                                                                                                | $\begin{array}{cccccccccccccccccccccccccccccccccccc$                  | 3,135 02<br>795 05                        | 444 00    | 195 28                                     | ter 323 of the                                                                                                                                | \$564 24<br>416 43                                                         |                                                         | \$49,531 38      |
| 12-in., pipe. | $ \begin{array}{c} 12-in., \ pipe. \\ 6 \ ft. \ 0 \ in. \\ \times \ 6 \ ft. \ 4\frac{1}{2} \ in., \ brick. \\ 4 \ ft. \ 0 \ in. \\ \times \ 4 \ ft. \ 0 \ in., \ brick. \\ 1 \ tide-gates \ and \ sump. \end{array} \right) $ | 12-in., pipe.<br>2 ft. 6 in. × 3 ft. 0 in., brick. }<br>12-in., pipe. | 12-in., pipe.                             |           | 18-in., pipe.                              | February 1, 1894, and February 1, 1895, by the City, under Chapter 323 of the Acts of 1891, as amended<br>by Chapter 418 of the Acts of 1892. | 6-in., pipe, house drain.<br>10-in., pipe, C. B. drain.<br>3 catel-basins. | 15-in., pipe, sewer.                                    |                  |
| 871.14        | $\left\{\begin{array}{c} 195.00\\ 214.31\\ 15.00\\ 15.00\\ 100.00\\ 14.00\end{array}\right.$                                                                                                                                  | $\left\{\begin{array}{c} 116.75\\ 164.54\\ 25.05\end{array}\right\}$  | 158.81                                    | 25.00     | 57.50                                      | ebruary 1,<br>by Chapter                                                                                                                      | $\left\{\begin{array}{c} 289.00\\ 43.50 \end{array}\right.$                | 412.57                                                  | 7,016.33         |
| •             | Marble st Warwick st. and West-<br>minster st                                                                                                                                                                                 |                                                                       | Townsend st Harold st. and Humbold<br>ave | :         | Sherborn st Commonwealth ave. and<br>river | Severs built between February 1, $1894$ , and $F$                                                                                             | Arundel st Beacon st. and Mounfort st.                                     | Bryant. st Parker st. and Huntington<br>Bryant. st ave. | Carried forward, |

STREET DEPARTMENT - SEWER DIVISION. 285

|                                     |           | Kemarks.                 | Contract. Built in 1893.           |                                                                                                                                                                          | 53 65 Contract. Built in 1893. | 1,520 75 Built by contract.                                                  | Built by contract.                                                                                                                                                               |                 |
|-------------------------------------|-----------|--------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| by Chapter 418 of the Acts of 1892. |           | Cost.                    | \$49,531 38<br>120 28              | 8,144 12                                                                                                                                                                 | 53 65                          | 1,520 75                                                                     | 9,267 63                                                                                                                                                                         |                 |
|                                     |           | Dimensions and Material. |                                    | <ul> <li>18-in., pipe sewer.</li> <li>15-in., pipe sewer.</li> <li>12-in., pipe sewer.</li> <li>10-in., pipe, C. B. drain.</li> <li>6-in., pipe, house-drain.</li> </ul> | / catch-basins. J              | 12-in., pipe sewer.<br>6-in., pipe louse drain.<br>10 in., pipe C. B. drain. | <ul> <li>2 ft. 6 in. × 3 ft. brick sewer.</li> <li>12-in., pipe sewer.</li> <li>12-in., pipe C. B. drain.</li> <li>10-in., pipe house-drain.</li> <li>3 eatch-basins.</li> </ul> | (3 drop inlets. |
| by Chapter                          | Length in | Feet.                    | 7,016.33                           | 22.43           62.59           933.80           127.00           1,379.00                                                                                               |                                | $\left\{\begin{array}{c} 845.33\\ 722\ 00\\ 60.00\end{array}\right.$         | 924.10<br>280.41<br>370.30<br>70.87<br>1,809.00                                                                                                                                  |                 |
|                                     | Госацту.  | Between                  | Brought forward,<br>Decrifield st. | St. Mary's st. and Mount-<br>fort st.                                                                                                                                    |                                | Mountfort st Ivy st. and Audubon road.                                       | Charlesgate West and<br>Broukline ave                                                                                                                                            |                 |
|                                     | Lc        | . Built in               | Brought forward,                   |                                                                                                                                                                          | Miner st                       | Mountfort st.                                                                | Newbury st {                                                                                                                                                                     | -               |

Roxbury. - Continued.

Severs built between February 1, 1894, and February 1, 1895, by the City, under Chapter 323 of the Acts of 1891, as amended

**2**86

CITY DOCUMENT NO. 34.

| Built by contract.<br>Ilcavy old sea-wall removed.<br>Pile foundation.                                                                                                                                                                                                                                                           |                             |             | ract or Day Labor.                                                                                                 |                                                                                 |          | 8.                                                                               |                                                      |               |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------|------------------------------------------------------|---------------|------------------|
| -                                                                                                                                                                                                                                                                                                                                | \$82,163 99<br>6,267 80     | \$88,431 79 | either by Cont                                                                                                     |                                                                                 |          | Private Partie                                                                   |                                                      |               |                  |
| <ul> <li>2 ft. 6 in. × 3 ft., brick sewer.</li> <li>In overflow manhole.</li> <li>18-in., pipe sewer.</li> <li>20-in., iron pipe.</li> <li>20-in., pipe sewer.</li> <li>12-in., pipe sewer.</li> <li>12-in., pipe C. B. drain.</li> <li>10-in., pipe C. B. drain.</li> <li>6-in., pipe basins.</li> <li>8 dran inlers</li> </ul> |                             |             | Surface Drains built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | 15-in., pipe.<br>12-in., pipe.<br>10-in., pipe.<br>13-in. vine.                 |          | Sewers built between February 1, 1894, and February 1. 1895, by Private Parties. | 12-in., pipe.                                        | 12-in , pipe. |                  |
| 1,105.40           13.67           13.67           163.00           7.00           385.93           346.82           346.82           346.82           1,794.00                                                                                                                                                                  | 19,128.39                   |             | 1, 1894, an                                                                                                        | $\left\{\begin{array}{c} 731.43\\ 1,600.99\\ 413.00\\ 573.61\end{array}\right.$ | 3,319.03 | ebruary 1, 1                                                                     | 652.25                                               | 186.97        | 8:9.22           |
| Huntington ave. and West-<br>land ave.                                                                                                                                                                                                                                                                                           | ا<br>built and 149 repaired |             | rains built between February .                                                                                     | Brookline ave. and Essex<br>st<br>Norfolk ave. and George                       |          | Sewers built between F                                                           | Harold st. and Walnut ave.<br>Rockland st and Boone. | Vista st      |                  |
| Parker st                                                                                                                                                                                                                                                                                                                        | 37 new catch-basins t       |             | Surface D.                                                                                                         | Commonwealth ave<br>Shirley st                                                  |          |                                                                                  | Abbotsford st                                        |               | Carried forward, |

## STREET DEPARTMENT - SEWER DIVISION. 287

|           | Remarks.                 | Temporary drain.                                                                                                                                                                                                                                                                                                                  |
|-----------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>      | Cost.                    |                                                                                                                                                                                                                                                                                                                                   |
|           | Dimensions and Material. | 839.22       15-in., pipe.         411.47       15-in., pipe.         671 63       12-in., pipe.         296.46       12-in., pipe.         152.48       12-in., pipe.         230.50       12-in., pipe.         41.32       12-in., pipe.         163.78       9 in. × 12 in., wood.         806.86       9 in. × 12 in., wood. |
| Length in | Feet.                    | <pre>839.22<br/>411.47<br/>67163<br/>57164<br/>152.48<br/>230.50<br/>41.32<br/>41.32<br/>163.78<br/>163.78<br/>2,806.86</pre>                                                                                                                                                                                                     |
| Locality. | Between                  | Humboldt ave. and Elm<br>Hill ave. and Elm<br>Massachusetts ave. and Al-<br>lerton st                                                                                                                                                                                                                                             |
| L         | Built in                 | Brought forward,<br>Homestead stHumboldt ave. an<br>Hill ave. an<br>Hill ave.Lansdown stLansdown stMountfort stMassachusetts ave.<br>lerton stMountfort stEnd of old sewer,<br>tol sever and<br>stTurner stEnd of old sewer and<br>st                                                                                             |

Roxbury. - Concluded.

Severs built between February 1, 1894, and February 1, 1895, by Private Parties.

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Severs built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor.

| F              | Kemarks.  | Contract; built in 1893.<br>Contract; built in 1893.<br>Contract; built in 1893. | 1,687 56 Contract { Deep excavation.                                     | Very much rock.<br>Contract; all rock.<br>Contract.<br>Contract: built in 1893.              |                                                               | -                                    | Extra expenses in going under<br>old fire reservoir. Much<br>water encountered. | Contract.              |                                         |
|----------------|-----------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------|------------------------|-----------------------------------------|
| 2              | Cost.     | \$170 13<br>610 40<br>16 92<br>59 13                                             | } 1,687 56                                                               | $\begin{array}{c} 4,999 & 67 \\ 2,411 & 16 \\ 2,422 & 28 \\ 43 & 70 \end{array}$             | <pre>} 8,739 99 180 10</pre>                                  |                                      | $\left. \right\} 5,103 43$                                                      | 3,076 67               | ₩Z9,911 13 1                            |
| Dimensions and | Material. | 341.08 12-in., pipe.                                                             | 15-in., pipe.<br>12-in., pipe.                                           | 15 in., pipe.<br>15-in., pipe.<br>12-in., pipe.                                              | (1,100.00) 12-in., pipe.<br>(680.00) 15-in., pipe.            |                                      | 2 ft. × 3 ft., brick.<br>15-in., pipe.                                          | 1,189.65 12-in., pipe. | ,                                       |
| Length in      | Feet.     | 341.08                                                                           | 317.40<br>272.35                                                         | $\begin{array}{c} 310\ 35\ 572.75\ 1,197.00\end{array}$                                      | $\left\{\begin{array}{c} 1,100.00\\ 680.00\end{array}\right.$ |                                      | $\left\{\begin{array}{c} 49.15\\ 299.60\end{array}\right.$                      | 1,189.65<br>6 100 22   | 0,129.55                                |
| LOCALITY.      | Between   | Park st. and Stratford ave.                                                      | { March ave, and Private<br>st. below Mayfield st.<br>and existing sewer | Lakeville pl. and Robin-<br>wood ave<br>Corey st. and Maple st<br>May st. and Lowder's lane. | Centre st. and Weld st                                        |                                      | Centre st. and Pleasant st.<br>Pleasant st. and Garfield                        |                        | * * * * * * * * * * * * * * * * * * * * |
| L              | Built in  | Albano st<br>Auawan ave<br>Autherst st                                           | Bellevue st                                                              | Centre st<br>Centre st                                                                       | Maple st Centre st. and<br>Montview st                        | Roslindale and W.<br>R. Trunk Sewer. | Mt. Vernon st                                                                   |                        | run ten Jor wara                        |

| thract or Day Labor.                                                                                       | Domedo         | ACTIVITYS. |                        | Contract.     |                                | Built in 1893.<br>Some rock. Built in connec-<br>tion "Com Police Theorem", " | Contract; considerable rock. | Contract.     |                                                      | Contract; built in 1893.<br>Contract.  | Much rock.                       |                       |             |
|------------------------------------------------------------------------------------------------------------|----------------|------------|------------------------|---------------|--------------------------------|-------------------------------------------------------------------------------|------------------------------|---------------|------------------------------------------------------|----------------------------------------|----------------------------------|-----------------------|-------------|
| either by Con                                                                                              | Cost           |            | \$29,911 13            | 510 82        |                                | 12 16                                                                         | 8,967 13                     | 915 44        | 3,571 39                                             | 3,803 00                               | 1,655 98                         | \$56,62099<br>1,02475 | \$57,645 74 |
| Severs built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | Dimensions and | Material.  |                        | 12-in., pipe. | 24-in., pipe.<br>12-in., pipe. | 24-in., pipe.<br>15-in., nine.                                                | 15-in., pipe.                | 12-in., pipe. | 2 ft. × 3 ft., brick.                                |                                        | 12-in., pipe.                    |                       |             |
| t, and Febri                                                                                               | Length         | in Feet.   | 6,129.33               | 251.43        | 86.00 2,811.62                 | [ 80.77<br>749.73                                                             | 467.59<br>702.58             | 491.30        | 298.14                                               | 350.88                                 | 271.52                           | 12,690.89             | ı           |
| t between February 1, 1894                                                                                 | Госацит.       | Between    | Near Oriole et and 260 | feet S. E     | Centre st. and Pond st         | May st. and Avon st                                                           | May st. and Avon st          |               | Rosundale main sewer (so<br>called) and Clement ave. | Atherton st. and Metro-<br>politan ave | Wenham st. and Wachu-<br>sett st |                       |             |
| Sewers buil.                                                                                               | Lo             | Built in   | Brought forward        |               | "The Parkway"                  | Pond st                                                                       | Pond st                      | Pond st       | Frivate land and<br>Stratford ave                    | Washington st                          | Yale st                          | 13 new catch-basins   |             |

West Roxbury. - Continued.

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CITY DOCUMENT No. 34.

| Contract or Day Labor.                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | act or Day Labor.                                                                                            |                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Jity, either by                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | either by Contr                                                                                              |                                                                                                                  |
| Surface Drains built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | <ul> <li>15-in., pipe.</li> <li>12-in., pipe.</li> <li>18-in., pipe.</li> <li>10-in., pipe.</li> <li>10-in., earthen pipe.</li> <li>10-in., iron pipe.</li> <li>10-in., earthen pipe.</li> <li>10-in., earthen pipe.</li> <li>12-in., earthen pipe.</li> <li>12-in., earthen pipe.</li> <li>18-in., pipe.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Culverts built between February 1, 1894, and February 1, 1895, by the City, either by Contract or Day Labor. | 30.75         20-in., pipe.           30.10         2 ft. × 3 ft., double stone           80.85         culvert. |
| ', 1894, and                                                                                                       | $\left\{\begin{array}{c}180.50\\100.00\\4.00\\8.17\\8.17\\8.17\\503.17\end{array}\right\}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 94, and Febr                                                                                                 | 50.75<br>30.10<br>80.85                                                                                          |
| vins built between February 1                                                                                      | Arborway and<br>Centre st.       Arborway conduit and<br>Orchard st.         Hyde Park ave.       cor. Woodlawn st.         Hyde Park ave.       cor. Canterbury st.         Hyde Park ave.       cor. Vahland st.         Hyde Park ave.       cor. Ashland st.         Orceflow drain       liyde Park ave.         Hyde Park ave.       cor. Ashland st.         Overflow drain       liyde Park ave.         Noverflow drain       liyde Novel         Noverflow drain       liyde Novel         Novel       liyde Park ave.         Novel | built between February 1, 18                                                                                 | Montview st Kirk and Corey sts<br>Sycamore st Hawthorn and Ashland sts.                                          |
| Surface Dra                                                                                                        | Arborwayand<br>Centre st}<br>Hyde Parkave<br>Hyde Parkave<br>Hyde Parkave<br>Overflow drain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Culverts l                                                                                                   | Montview st<br>Sycamore st                                                                                       |

# STREET DEPARTMENT — SEWER DIVISION. 291

| Remarks,                          |          | J. W. Bowers, contractor, for<br>private parties.<br>Very much rock.                                                                                                                                                                                                                                                                 |
|-----------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                   |          |                                                                                                                                                                                                                                                                                                                                      |
| Length in Dimensions and Material |          | 1,166       49       12.in., pipe.         313       15       24.in., pipe.         647       90       15.in., pipe.         15.in., pipe.       12.in., pipe.         371       96       12.in., pipe.         450       15       12.in., pipe.         367       18       12.in., pipe.         4,497       33       12.in., pipe. |
| Length in                         | Feet.    | [ ]                                                                                                                                                                                                                                                                                                                                  |
| Locality.                         | Between  | Rutledge and Oriole sts Stratford ave. and Park st. Clement ave. and 64 ft. south of Oriole st Park and Wren sts                                                                                                                                                                                                                     |
| Lo                                | Built in | Bellevue st                                                                                                                                                                                                                                                                                                                          |

West Roxbury. - Concluded.

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Severs built between February 1, 1894, and February 1, 1895, by Private Parties.

Work done for and paid by Paving Division, including the following Class of Work: Building and Repairing Culverts, Surface Drains, Catch-Basins, and Sewers.

| Aldermanie District, No. 1 .   |       |    |  | \$2,370 8  | 6               |
|--------------------------------|-------|----|--|------------|-----------------|
| Aldermanic District, No. 2.    |       |    |  | 1,173 5    | 0               |
| Aldermanic District, No. 3.    |       |    |  | 77 1       | 8               |
| Aldermanic District, No. 4.    |       |    |  | 479 4      | 1               |
| Aldermanie District, No. 5.    |       |    |  | $92^{-3}$  | 34              |
| Aldermanic District, No. 7.    |       |    |  | 215 5      | 52              |
| Aldermanic District, No. 8.    |       |    |  | 581 9      | 1               |
| Aldermanic District, No. 9.    |       |    |  | 4,225 7    | <b>5</b>        |
| Aldermanie District, No. 11    |       |    |  | 2,013 2    | 0               |
| Aldermanie District, No. 12    | •     |    |  | 217 1      | $\overline{5}$  |
| Street Improvements, Wards 1 a | and f | 2. |  | 2,791 9    | )2              |
| Street Improvements, Ward 3    |       |    |  |            | $\overline{5}$  |
| Street Improvements, Ward 5    |       |    |  | $308 \ 1$  | 9               |
| Street Improvements, Ward 6    |       |    |  | 681 - 2    | 20              |
| Street Improvements, Ward 7    |       |    |  | 75 - 8     | 38              |
| Street Improvements, Wards 7 a | and a | 8. |  | 151 8      | 35              |
| Street Improvements, Ward 8    |       |    |  | 867 7      | 73              |
| Street Improvements, Wards 9 a | and   | 10 |  | 525 (      | 34              |
| Street Improvements, Ward 10   |       |    |  | 785 (      | 30              |
| Street Improvements, Ward 12   |       |    |  | 124 2      | 26              |
| Street Improvements, Ward 14   |       |    |  | 25 - 8     | 35              |
| Street Improvements, Ward 15   |       |    |  | 18 (       | <b>58</b>       |
| Street Improvements, Wards 17  | and   | 18 |  | 1,313      | 77              |
| Street Improvements, Wards 19  | and   | 22 |  | 1,202 (    | )3              |
| Street Improvements, Ward 20   |       |    |  | $376^{-2}$ |                 |
| Street Improvements, Wards 23  | and   | 25 |  | 1,514      | 77              |
| Street Improvements, Ward 24   |       |    |  | 7,908 8    | 37              |
| Commonwealth ave., Constructi  | on    |    |  | 46,400 (   | 5 <b>5</b>      |
| Washington st., Ward 25 .      |       |    |  | 3,298 (    | 52              |
| Ruth-st. Extension             |       |    |  | 109 \$     | 36              |
| Lewis-st. Extension            |       |    |  | 114 :      | 21              |
| Newport st                     |       |    |  | $109^{-2}$ | 22              |
| Mill st                        |       |    |  | 131 1      | 10              |
| Thetford st.                   |       |    |  | 9 (        | 9               |
| Millet st                      |       |    |  | 545 (      | 38              |
| Talbot ave                     |       |    |  | 3,002 (    | )4              |
| Blue Hill ave., Paving .       |       |    |  | 439        | $\overline{79}$ |
|                                |       |    |  |            |                 |

\$84,295 49

### RECAPITULATION.

### Sewers.

| City Proper  |     |   |    |   | 33,287 39     |
|--------------|-----|---|----|---|---------------|
| Charlestown  |     |   |    |   | 1,121 88      |
| Brighton .   |     |   |    |   | 142,062 30    |
| East Boston  |     |   | •\ | • | 7,010 62      |
| South Boston | •   |   | •  | • | $1,598\ 73$   |
| Dorchester . | . • | • |    |   | 61,920 41     |
| Roxbury .    | •   |   | •  |   | 82,163 99     |
| West Roxbury | •   | • | •  | • | $56,\!620$ 99 |
|              |     |   |    |   |               |

\$385,786 31

### CATCH-BASINS.

| City Proper     |      |      |       |        | 9   | 37,122 | 12 |            |    |
|-----------------|------|------|-------|--------|-----|--------|----|------------|----|
| Charlestown     |      |      |       |        |     | 4,463  | 92 |            |    |
| Brighton .      |      |      |       | •      |     | 4,484  | 44 |            |    |
| East Boston     |      |      |       |        |     | 7,643  | 09 |            |    |
| South Boston    |      |      |       |        |     | 802    | 64 |            |    |
| Dorchester .    |      |      |       |        |     | 4,713  | 53 |            |    |
| Roxbury .       |      |      |       |        |     | 6,267  | 80 |            |    |
| West Roxbury    |      |      |       |        |     | 1,024  |    |            |    |
| 5               |      |      |       |        |     |        |    | $36,\!522$ | 29 |
| Improved Sewe   | rage | main | tenan | ce     |     |        |    | 102,739    | 39 |
| Stony Brook In  |      |      |       |        |     |        |    | 11,948     | 81 |
| Building stable |      |      |       | ighton |     |        |    | 511        |    |
| Yard, Revere s  |      |      | •     | •      | • . |        |    | 2,933      | 05 |
| Miscellaneous   |      |      |       |        | •   |        |    | 275,525    |    |
|                 |      |      |       |        |     |        |    |            |    |
|                 |      |      |       |        |     |        |    | \$815,965  | 93 |
|                 |      |      |       |        |     |        |    |            |    |

Of the above, \$2,883.58 was for streets resurfaced by Paving Division.

| District.    | Built by the<br>City, by Con-<br>tract or<br>Day Labor.<br>Feet. | Built by<br>Private Parties.<br>Feet. | Total<br>Length built<br>during the 12<br>Months ending<br>Jan. 31, 1895.<br>Feet. |
|--------------|------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------|
|              |                                                                  |                                       |                                                                                    |
| City         | 5,377.39                                                         | 160.41                                | 5,537.80                                                                           |
| Charlestown  | 422.12                                                           | • • • • • • • • • • • • • • • • • • • | 422.12                                                                             |
| East Boston  | 1,322 90                                                         |                                       | 1,322.90                                                                           |
| Brighton     | 32,664.19                                                        | 376.93                                | $33 \ 041.12$                                                                      |
| South Boston | 357.95                                                           |                                       | 357.95                                                                             |
| Dorchester   | 15,016.74                                                        | 17,035.52                             | 32.052.26                                                                          |
| Roxbury      | 22,447.42                                                        | 2,806.86                              | 25,254.28                                                                          |
| West Roxbury | 13,194.06                                                        | 4,497.33                              | 17,691.39                                                                          |
| Total        | 90,802 77                                                        | 24,877.05                             | 115.679.82                                                                         |

Summary of Sewer Construction for the Twelve Months ending January 31, 1895.

226 catch-basins built.

445 " repaired.

21 manholes built.

249 '' repaired.

1,125,151 linear feet of sewers flushed.

655.30 cu. yds. of material removed from sewers.

6.913 catch-basins cleaned.

19,652.55 cu. yds. of material removed from catch-basins.

2,646 feet of culverts built.

245 " " repaired.

There are now 384.72 miles of sewers in charge of the Sewer Division.

The amount expended by this division during the twelve months ending January 31, 1895, including the amount spent under special appropriations, was \$815,965.93.

The items of expenditure are shown in the financial statement.

Schedule of Sewers built to Date in the City of Boston.

| Wards.                                                                                                                                                 | Feet.                                                                                                                           | Wards.                                                                                                             | Feet.                                                                                                                               |                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| $\begin{array}{c} 1 \dots \\ 2 \dots \\ 3 \dots \\ 4 \dots \\ 5 \dots \\ 6 \dots \\ 7 \dots \\ 8 \dots \\ 9 \dots \\ 10 \dots \\ 11 \dots \end{array}$ | $\begin{array}{c} 81,717\\ 42,916\\ 31,794\\ 42,102\\ 40,018\\ 45,945\\ 37,082\\ 18,636\\ 27,247\\ 38,382\\ 76,431 \end{array}$ | $\begin{array}{c} 14. \\ 15. \\ 16. \\ 17. \\ 18. \\ 19. \\ 20. \\ 21. \\ 22. \\ 23. \\ 24. \\ 24. \\ \end{array}$ | $\begin{array}{c} 75,777\\ 48,336\\ 31,626\\ 42,765\\ 59,573\\ 47,304\\ 106,987\\ 133,218\\ 124,476\\ 191,484\\ 324,665\end{array}$ |                                            |
| 12<br>13                                                                                                                                               | Ũ                                                                                                                               | 25                                                                                                                 | <u>148,892</u><br><u>1,912,073</u>                                                                                                  | 362.13 miles.<br>22.59 ''<br>884.72 miles. |

| Day.                   | February.              | March.         | April.      | May.              | June.                  | July.        | August.          | September. | October.            | November.   | December. | January. |
|------------------------|------------------------|----------------|-------------|-------------------|------------------------|--------------|------------------|------------|---------------------|-------------|-----------|----------|
| 1<br>2<br>3<br>4<br>5. |                        | · · · · ·      | <br><br>.39 | .02<br>.06<br>.22 | $.19 \\ .04 \\ .14 \\$ | .18<br>.06   |                  | <br>       | <br><br>.22         |             | .46       |          |
| 6<br>7.                | · · · · ·              |                | .13         | .40               |                        |              |                  | .09        |                     | 1.56        |           | .42      |
| 8<br>9<br>10           | .28<br>.26             |                | 1.21        |                   |                        |              |                  | .25        | .38<br>1.27         | <br><br>.68 | <br>.57   | .15      |
| 11<br>12               |                        |                |             |                   | <br>                   | .01          |                  |            |                     |             | <br>.79   | 1.18     |
| 13<br>14<br>15         | .88<br><br>.86         | <br>.19<br>.07 | 1.54        |                   | · · · · ·              |              | .25              |            | $\frac{1.12}{1.12}$ | .01<br>.13  |           | .02      |
| 16<br>17<br>18         |                        |                |             |                   | <br>                   |              |                  |            |                     | <br>09      |           | .49      |
| 19<br>20               | .34<br>                |                | <br>        | .73               |                        |              | $\frac{1}{2.15}$ | <br>1.69   |                     |             |           | .14      |
| 21<br>22<br>23         | <br><br>               | .16<br><br>.32 | .06<br>     |                   | .33<br>                | $.78 \\ .46$ |                  |            |                     | .13         |           | .22      |
| 24<br>25<br>26         | ····<br>· · · ·<br>.19 | .01            |             | 1.05              | <br>                   | 1.12<br>     |                  |            | $\frac{1.36}{1.36}$ | .10         | .19       | 1.09     |
| 27<br>28               |                        |                |             | ••••              |                        |              | ••••             |            |                     | .01         | 2.33      | .17      |
| 29<br>30<br>31         | <br><br>               | .24            | <br><br>    | .86<br><br>.65    |                        | <br><br>     |                  | <br><br>   | <br>.59             | 2           |           | .17      |
| Totals                 | 2.98                   | .99            | 3.50        | 4.03              | .83                    | 3.22         | 3.18             | 2.24       | 5.22                | 3.19        | 4.34      | 3.88     |

Fall of Rain and Snow in inches at South Yard, Albany Street, in twelve months ending January 31, 1895.

NOTE. — Total for twelve months, 37.6 inches.

## CITY DOCUMENT No. 34.

| .llstuisH    |                                                            | 2.69                     | 16.           | 1.92          | 3.57          | 16.           | 3.04          | 2.19          | 1.92          | 5.32          | 3.00          | 3.35          | 3.25          | 32.13             |
|--------------|------------------------------------------------------------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| ai 7<br>.sdl | Daily average duty in<br>ftlbs. per 100 lbs.<br>coal used. |                          | 78,744,168    | 83,836,982    | 84,571,863    | 87,217,796    | 77,225,292    | 81,507,920    | 79,184,798    | 75,856,512    | 64,244,437    | 74,327,613    | 70,314,642    | 78,042,582        |
| αί           | Daily average lift i<br>teet.                              | 35 8                     | 35.64         | 35.49         | 35.82         | 36.33         | 35.49         | 34.78         | 35.91         | 35.56         | 35.21         | 35.36         | 35.79         | 35.57             |
| er.<br>sed.  | d beqmuq enolla<br>bound of coul us                        |                          | 2,640         | 2,822         | 2,821         | 2,868         | 2,600         | 2,800         | 2,635         | 2,548         | 2,180         | 2,512         | 2,348         | 2,621             |
| рав          | Per cent. of ashes<br>cliukers.                            |                          | 9.5           | 1.7           | 8.4           | 8.3           | 8.5           | 7.7           | 7.1           | 7.2           | 7.4           | 6.9           | 7.3           | 8.1               |
| spur         | Daily average pou<br>coal used.                            | 90,735,775 33,900        | 30,121        | 27,994        | 22,016        | 20,253        | 22,597        | 22,898        | 22,507        | 25,955        | 34,320        | 29,397        | 36,561        | 27,376            |
| ano          | Daily average gallons                                      |                          | 79,520,027    | 79,017,089    | 62,110,520    | 58,097,241    | 58,753,099    | 64,120,104    | 59,202,152    | 6∂,123,825    | 74,824,395    | 73,835,866    | 85,827,917    | 71,022,334        |
|              | Total gallous<br>pumped.                                   |                          | 2,465,120,849 | 2,370,512,662 | 1,925,426,118 | 1,742,917,224 | 1,821,346,066 | 1,987,723,235 | 1,779,064,578 | 2,049,838,576 | 2,244,731,855 | 2,288,911,842 | 2,660,665,426 | 25,876,860,139    |
| Engine 4.    | enollas.<br>boqmuq.                                        | 965,167,560              | 1,026,849,420 | 1,035,546,300 | 916,033,572   | 860,549,508   | 688,561,092   | 924,694,920   | 926,894,520   | 950,142,600   | 975,871,152   | 1,046,757,492 | 1,057,703,040 | 52 11,374,771,176 |
| EN           | .9mit ZaiqanA                                              | 11. M.<br>648 50         | 714 28        | 717 05        | 665 50        | 670-06        | 522 30        | 680 02        | 717 05        | 700 00        | 694 53        | 726 53        | 735 10        | 8,192 52          |
| ENGINE 3.    | Ballons.<br>Baynyed.                                       | 996,104,088              | 1,077,377,616 | 1,023,797,052 | 961,570,368   | 868,838,616   | 807,290,424   | 960,918,948   | 806, 351, 364 | 910,891,584   | 348,399,720   | 909,713,952   | 1,061,430,516 | 13 10,732,634,248 |
| EN           | .9mit guiquu'I                                             | <i>II M.</i><br>663 40   | 736 55        | 711 35        | 710 33        | 681 38        | 624 23        | 724 44        | 651 11        | 696 40        | 257 48        | 644 23        | 732 43        | 7,836 13          |
| ENGINE 2.    | Bangas<br>Paunped.                                         | 447,416,732              | 339,153,713   | 311,169,310   | 47,822,178    | 12,556,918    | 175,321,272   | 32,578,619    | 20,189,864    | 75,629,225    | 704,876,908   | 148,816,164   | 383,814,983   | 2,699,345,889     |
| e Enc        | Pumping time.                                              | $\frac{H.\ M.}{320\ 30}$ | 246 25        | 222 45        | 34 20         | 10            | 122 05        | 23 20         | 14 10         | 54 10         | 499 35        | 102 50        | 266 25        | 1.916 35          |
| ENGINE 1.    | anollaÐ.<br>Þəqmuq                                         | 131,913,328              | 21,740,100    | •             | •             | 972,182       | 150,173,278   | 69, 530, 748  | 25,628,830    | 113,175,169   | 215,584,075   | 183,624,234   | 157,716,887   | 1,070,058,831     |
| EN           | .9md yaiqmu'l                                              | 1111.<br>94 05           | 15 45         | :             | •             | 50            | 111 20        | 49            | 19 30         | 85 20         | 160 10        | 142 15        | 121 12        | 799 27            |
|              | •                                                          |                          | March         | April         | May           | June          | July          | August        | September .   | October       | November      | December      | January       |                   |

Sewer Department – Pumping-Station.

Report of Pumping done from Felruary 1, 1894, to January 31, 1895.

| Months.    |              |    |  |  |   |      | Receiv | ved.   | R     | emoved | l.     |
|------------|--------------|----|--|--|---|------|--------|--------|-------|--------|--------|
| February   | •            |    |  |  |   | 612  | cubie  | yards. | 394 ( | eubie  | yards. |
| March      |              |    |  |  |   | 475  | • •    | · · ·  | 478   | 66     | د د    |
| April .    |              |    |  |  |   | 338  | "      | 66     | 400   | 66     | 6.6    |
| May .      |              |    |  |  |   | -579 | 66     | 66     | 477   | 66     | 66     |
| June .     |              |    |  |  |   | 558  | 66     | 6.6    | 558   | 66     | 66     |
| July .     |              |    |  |  |   | 927  | 66     | 66     | 711   | 4 4    | 66     |
| August     |              |    |  |  |   | 864  | 66     | 66     | 711   | * 6    | 66     |
| Septembe   | $\mathbf{r}$ |    |  |  |   | 549  | 6.6    | 66     | 711   | " "    | 66     |
| October    |              |    |  |  |   | 821  | 6.     | 66     | 632   | 66     | 66     |
| Novembe    | r            |    |  |  |   | 344  |        | ٤.     | 555   | 6 a    | 66     |
| December   | r            |    |  |  |   | 460  | 62     | ٤.     | 557   | × 6    | 66     |
| January,   | 18           | 95 |  |  |   | 517  | ٤.     | 6 m    | 398   | ٤.     | 66     |
| <i>J</i> , |              |    |  |  | _ |      |        | _      |       |        |        |
|            |              |    |  |  | 7 | ,044 |        | (      | 6,582 |        |        |

The following table shows the amounts of sludge received in, and removed from, deposit sewers each month from February 1, 1894, to January 31, 1895:

### PROPERTY IN CHARGE OF THE SEWER DIVISION.

Sewer yard, with buildings, at 678 Albany street.

Sewer yard, with building, on North Grove street.

Sewer yard, on Gibson street, Dorchester, with buildings. This is Gibson School-fund land. The buildings were erected by the Sewer Department.

Sewer yard, with shed, on Boylston street, Jamaica Plain.

Small lot of land on Stony brook, corner of Centre street, Ward 21.

Gatehouse on Stony brook, Pynchon street, built in 1889.

Sewer yard, with buildings, on Rutherford avenue, Charlestown. Sewer yard, with buildings, corner Paris and Marion streets.

Sewer yard, with buildings, on East Chester park, near Albany street.

A small shed on Cypress street, Ward 9, on land hired by the city.

Sewer yard, with buildings, on Western avenue, Ward 25. Sewer yard, with buildings, on Revere street, City.

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# 300 City Document No. 34.

| Years.       |
|--------------|
| Six          |
| for          |
| Construction |
| of Sewer     |
| of           |
| Summary      |

| 1894. | Freet. | 90,802.77<br>24,877.05                                              | 115,679.82                 |
|-------|--------|---------------------------------------------------------------------|----------------------------|
| 1893. | Feet.  | 66,400.85<br>22,837.09                                              | 89,237.94                  |
| 1892. | Heet.  | 71,318.46<br>22,566.73                                              | 93,885.19                  |
| 1891. | Feet.  | 59,250.18<br>20,714.24                                              | 79,964.42                  |
| 1890. | Feet.  | 24.200.25<br>17,218.10                                              | 41,418.35                  |
| 1889. | Feet.  | 30,003.03<br>13,191.45                                              | 43,194.48                  |
|       |        | Built by city. by contract or day labor<br>Built by private parties | Total number of feet built |

| Faneuil Str | eet |  |
|-------------|-----|--|
|-------------|-----|--|

| Labor .       |          |        |       |      |   |   |   |   | \$16,181 | <b>44</b> |
|---------------|----------|--------|-------|------|---|---|---|---|----------|-----------|
| Bricks, 657.  | ,653     |        |       |      |   |   |   |   | 7,234    | 18        |
| Cement, 1,4   | 83 bbl   | s.     |       |      |   |   |   |   | 1,853    | 75        |
| Sand, 60 do   | uble lo  | ads    |       |      |   |   |   |   | 117      | 45        |
| Manhole fra   | ames a   | nd co  | vers, | 18 ) |   |   |   |   | 172      | 01        |
| Manhole sto   | eps, 75  |        |       | . \$ | • | • | • | • | 172      | 21        |
| Teaming       | -        |        |       |      |   |   |   |   | 1,166    | 00        |
| Lumber, 18    |          |        |       |      |   |   |   |   | 293      | 80        |
| Pipe .        |          |        |       |      |   |   |   |   | 546      | 48        |
| Trench-mac    | hine hi  | re     |       |      |   |   |   |   | 970      | 83        |
| Engine-hire   |          |        |       | •    |   |   |   |   | 575      | 00        |
| Blacksmithi   | ng and   | l hard | ware  |      |   |   |   |   | 236      | 50        |
| Profiles, cer | ntres, e | ete.   |       |      |   |   |   |   | 501      | 31        |
| Tide-gates    |          |        |       |      |   |   |   |   | 349      | 40        |
| Fuel and oi   | 1.       |        |       |      |   |   |   | • | 437      | 23        |
| Miscellaneo   | us sup   | plies  |       |      |   |   |   |   | 117      | 80        |
| Water .       |          | •      |       |      |   |   |   |   | 471      | 57        |
| Water-pipe    |          |        |       |      | • |   |   |   | 194      | 52        |
|               |          |        |       |      |   |   |   |   |          |           |

\$31,419 47

#### Size and Length of Sewer.

12.60 feet 48-in., iron pipe. 710.49 feet 3 ft. 9 in.  $\times$  3 ft. 115 in., brick. 42.07 feet 4 ft. cir. brick. 432.24 feet 4 ft. 9 in.  $\times$  5 ft. 04 in., brick. Overflow and tide-gates.

# Geneva Avenue.

| Labor            |         |       |  |  |     | \$7,775 | 03 |
|------------------|---------|-------|--|--|-----|---------|----|
| Brieks, 103,750  |         |       |  |  |     | 1,141   |    |
| Cement, 228 bbls |         |       |  |  |     | 285     | 00 |
| Sand, 734 double | loads   |       |  |  |     | 132     | 30 |
| Gravel, 12 doubl | e loads |       |  |  |     | 18      | 15 |
| M. H. frames and | d cover | s, 10 |  |  |     | 66      | 50 |
| Powder )         |         |       |  |  |     |         |    |
| Fuse .           |         |       |  |  |     | 154     | 90 |
| Caps )           |         |       |  |  |     |         |    |
| 10 .             |         |       |  |  |     | 154     | 50 |
| Lumber, 9,434 fe | et      |       |  |  |     | 146     | 22 |
| Pipe             |         |       |  |  |     | 1,839   | 80 |
| Hardware and bl  | aeksmit | thing |  |  |     | 255     |    |
|                  |         | . 0   |  |  | · . |         |    |
|                  |         |       |  |  |     | 011 000 | 20 |

\$11,969 30

### Size and Length of Sewer.

700.10 feet  $2 \times 3$  ft., brick. 734.14 feet 24 in., pipe. 210.30 feet 18 in., pipe. 525.55 feet 15 in., pipe. 454.91 feet 12 in., pipe. 301 '

# Pond Street, May to Avon.

| W. T. Davis    | , con | trae  | tor     |    |        |   | \$5.502 | 73 |
|----------------|-------|-------|---------|----|--------|---|---------|----|
| Inspection     |       |       |         |    |        |   | 378     | 50 |
| Cement, 74 k   | obls. |       |         |    |        |   | 88      | 25 |
| M. H. frame    | s and | l eov | ers, 10 |    |        |   | 79      | 69 |
| Teaming        |       |       |         |    |        |   | 21      | 50 |
| Pipe .         |       | •     |         |    |        |   | 1,667   | 37 |
| Fuel and oil   |       |       |         |    |        |   | 416     | 00 |
| Profiles, cent | tres, | etc.  |         |    |        | • | 41      | 26 |
| Water .        | •     |       |         |    |        |   | 255     | 07 |
| Resurfacing    | stree | t by  | Paving  | Di | vision |   | 928     | 60 |
|                |       |       |         |    |        |   |         |    |
|                |       |       |         |    |        |   | \$8,967 | 13 |

Size and Length of Sewer.

80.77 feet 24 in., pipe. 749.73 feet 15 in., pipe.

# Mt. Vernon Street, Centre to Pleasant.

| Labor                  |   |   |   |   |   |   | \$2,539 10 |
|------------------------|---|---|---|---|---|---|------------|
| Bricks, 70,500 .       |   |   |   |   |   |   | 846 00     |
| Cement, 245 bbls       |   |   |   |   |   |   | $275 \ 60$ |
| Sand, 39 double loads  |   |   |   |   |   |   | • 43 46    |
| Gravel, 4 double loads |   |   |   |   |   |   | 4 32       |
| Teaming                |   |   |   |   |   |   | $376 \ 25$ |
| Lumber, 3,000 feet     |   |   |   | • |   |   | 48 75      |
| Pipe                   |   |   |   |   |   |   | $143 \ 20$ |
| Trench-machine hire    |   |   |   |   |   |   | 287 60     |
| Engine-hire            |   |   |   |   |   |   | 172 50     |
| Fuel and oil           |   |   |   |   |   |   | 176 95     |
| Blacksmithing .        |   |   |   |   |   |   | 218 50     |
| Miscellaneous supplies | • | • | • | • | • | • | $61 \ 20$  |
|                        |   |   |   |   |   |   | *****      |
|                        |   |   |   |   |   |   | \$5,193 43 |

Size and Length of Sewer.

49.15 feet 2 ft.  $\times$  3 ft., brick. 299.60 feet 15 in., pipe.

# **Dover Street.**

| Labor             | • |    |    |  |  | \$12,052 | 64 |
|-------------------|---|----|----|--|--|----------|----|
| Bricks, 83,000    |   |    |    |  |  | 830      | 00 |
| Cement, 422 bbls. |   |    |    |  |  | 607      | 75 |
| Sand, 102 double  |   |    |    |  |  | 183      | 60 |
| Gravel, 38 double |   |    |    |  |  | 67       | 50 |
| M. H. frames and  |   |    | 2) |  |  |          |    |
| M. H. steps, 84   |   | -, | 5. |  |  | 66       | 32 |
| Castings to order |   |    |    |  |  |          |    |
| Castings to order |   |    | ,  |  |  |          |    |

Carried forward,

\$13,807 81

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# STREET DEPARTMENT - SEWER DIVISION.

| Brought for        | vard,  |     |       |      |  |   | \$13,807 | 81  |
|--------------------|--------|-----|-------|------|--|---|----------|-----|
| Teaming .          |        |     |       |      |  | • | 736      | 00  |
| Lumber, 34,800     | feet   |     | •     |      |  |   | 511      | 58  |
| Pipe               |        |     |       |      |  |   | 61       | 12  |
| Profiles, centres, | etc.   |     |       |      |  |   | 100      | 67  |
| Pile driving .     | •      |     |       |      |  |   | 165      | 0.0 |
| Blacksmithing      | •      |     |       | •    |  |   | 87       | 66  |
| Fuel and oil       |        |     |       | •    |  |   | 98       | 11  |
| Granite curbing    |        |     |       |      |  |   | 50       | 00  |
| Miscellaneous su   | pplies | and | hardy | vare |  |   | 367      | 11  |
|                    |        |     |       |      |  |   |          |     |

\$15,985 06

Size and Length of Sewer.

442 feet 3 ft. 4 in.  $\times$  4 ft. 6 in., brick.

# Massachusetts Avenue.

| Labor .      |          |       |   |   |   |       |   | \$7,176 | 40              |
|--------------|----------|-------|---|---|---|-------|---|---------|-----------------|
| Bricks, 52,  | 650      |       |   |   |   |       |   | 526     | 50              |
| Cement, 16   | 5 bbls.  |       |   |   |   |       |   | 198     | 00              |
| Sand, 47 do  | ouble lo | ads   |   |   |   |       |   | 84      | 60              |
| Gravel, 30   | double   | loads |   |   |   |       |   | 48      | 00              |
| Teaming      |          |       |   |   |   |       |   | 916     | 50              |
| Lumber, 30   |          |       |   |   |   |       |   | 438     | $\overline{72}$ |
| Pipe .       | ,        |       |   |   |   |       |   | 7       | 19              |
| Granite      |          |       |   |   |   |       |   | 50      | 00              |
| Profiles, ce |          |       |   |   |   |       |   | 168     |                 |
| Fuel and oi  | ,        |       |   |   |   |       |   | - 33    |                 |
| Blacksmith   |          |       |   |   |   |       |   |         | 01              |
| Miscellaneo  | 0        |       |   |   |   |       |   | 135     |                 |
| Ironwork     |          |       |   |   |   |       |   | 250     | _               |
| aron work    | •        | •     | • | • | • | <br>• | • | 200     | • •             |

\$10,042 38

Size and Length of Sewer.

214.31 feet 6 ft.  $\times$  6 ft.  $4\frac{1}{4}$  in., brick. 15 feet 4 ft.  $\times$  4 ft.  $2\frac{3}{4}$  in., brick. 100 feet 4 ft. cir., brick. Tide-gate chamber and sump.

# Commonwealth-avenue Outlet.

| Labor               | •     |       | • | • |   | \$5,590 |    |
|---------------------|-------|-------|---|---|---|---------|----|
| Bricks, 110.250     |       |       |   |   |   |         |    |
| Cement, 302 bbls.   |       |       |   |   |   | 356     | 00 |
| Sand, 12 double los | ads   |       |   |   | • | 23      | 40 |
| M. H. Frames and    | covei | ·s, 6 |   |   |   | 47      | 15 |
| M. H. steps, 100    |       | •     |   | • |   | 55      | 00 |
| Teaming .           |       |       |   |   |   | 305     | 50 |
| Lumber, 34,451 fee  | et    |       |   |   |   | 562     | 53 |
|                     |       |       |   |   |   |         |    |

Carried forward,

\$8,152 90

| $Brought\ forward,$     |   |   |   |   |   |   | \$8,152                                                                                                        | 90 |
|-------------------------|---|---|---|---|---|---|----------------------------------------------------------------------------------------------------------------|----|
| Pipe                    |   |   |   |   |   |   | 118                                                                                                            | 14 |
| Profiles, centres, etc. | • |   | • | • |   |   | 51                                                                                                             | 66 |
| Trench-machine hire     | • | • |   | • |   |   | 204                                                                                                            | 00 |
| Engine-hire             |   | • | • |   |   |   | 122                                                                                                            | 50 |
| Fuel and oil            |   | • | • |   |   |   | 120                                                                                                            | 17 |
| Miscellaneous supplies  | • | • | • | • | • | • | 99                                                                                                             | 35 |
|                         |   |   |   |   |   |   |                                                                                                                |    |
|                         |   |   |   |   |   |   | \$8,868                                                                                                        | 72 |
|                         |   |   |   |   |   |   | The second s |    |

1,081.80 feet 2 ft. 6 in. × 3 ft. 9 in., brick.

# Faneuil Valley Overflow Outlet.

| Labor                   |   |   |   |   |   |   | \$2,752 | 67 |
|-------------------------|---|---|---|---|---|---|---------|----|
| Bricks, 21,750 .        |   |   |   |   |   |   | 239     | 25 |
| Cement, 65 bbls         |   |   |   |   |   |   | 81      | 25 |
| Sand, 12 double loads   |   |   |   |   |   |   | 23      | 40 |
| Teaming                 |   |   |   |   |   |   | 121     | 50 |
| Lumber, 1,250 feet      | • |   |   |   |   |   | 22      | 50 |
| Centres, profiles, etc. |   | • |   |   |   |   | 83      | 15 |
| Tide-gates, 2           |   |   |   |   |   |   | 161     | 96 |
| Miscellaneous supplies  |   |   |   |   |   |   |         | 50 |
| Mildeliancous supplies  | · | • | • | • | • | • |         |    |
|                         |   |   |   |   |   | • | \$3,558 | 18 |

# Size and Length of Sewer.

114.46 feet 3 ft. 9 in., eircular brick. 13.00 feet 5 ft. 6 in., eircular brick. 125.00 feet 5 ft.  $\times$  5 ft., wood. 1 tide-gate M. H.

# Fairbanks Street, Brighton.

| Labor                   |       |       |    |     |   |   | \$5,807 | 78  |
|-------------------------|-------|-------|----|-----|---|---|---------|-----|
| Bricks, 143.500 .       |       |       |    |     |   |   | 1,578   | 50  |
| Cement, 350 bbls        |       |       |    |     |   |   | 437     | 50  |
| Sand, 83 double loads   |       |       |    |     |   |   | 161     | 85  |
| M. H. frames and cove   | rs, 4 | •     |    | •   |   |   | 27      | 53  |
| Teaming                 |       |       |    |     |   | • | 248     | 50  |
| Lumber, 3,733 feet      |       | •     | •  | •   |   | • | 57      |     |
| Pipe                    |       | •     | •  |     | • |   | 173     |     |
| Trench-machine hire     | •     | •     |    | - • |   | • | 140     |     |
| Engine-hire             | •     |       | •  |     | • |   | 87      | ~ ~ |
| Centres, profiles, etc. |       |       | •  |     | • | • | 42      | ~ • |
|                         | •     |       |    | •   | • | • | 39      |     |
| Hardware, tools, and bl | lacks | mithi | ng | •   | • | • | 178     | 11  |
|                         |       |       |    |     |   |   |         |     |

\$8,980 02

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12.60 feet 48 in., iron pipe. 710.49 feet 3 ft. 9 in.  $\times$  3 ft. 11 $\frac{5}{3}$  in., brick. 42.07 feet 4 ft., circular brick. 432.24 feet 4 ft. 9 in.  $\times$  5 ft. 0 $\frac{1}{4}$  in., brick. Overflow and tide-gates.

# Mt. Vernon Street, Pleasant Street to Garfield Avenue.

| James 1 | Dolan |  |  |  |  | \$1,955 | 28 |
|---------|-------|--|--|--|--|---------|----|
| Labor   |       |  |  |  |  |         | 50 |
| Cement  |       |  |  |  |  |         | 32 |
| M. H. 1 |       |  |  |  |  |         | 87 |
| Teamin  |       |  |  |  |  | 67      | 50 |
| Pipe    |       |  |  |  |  | 556     | 96 |
| Coal    |       |  |  |  |  | 7       | 28 |
| Water   |       |  |  |  |  | 144     | 96 |
|         |       |  |  |  |  |         |    |
|         |       |  |  |  |  | \$3,076 | 67 |

Size and Length of Sewer.

1,189.65 feet 12 in., pipe.

### Parkway, between Pond and Centre Streets.

| Labor .      |         |       |        |    |   |   |   |   | \$2,583 | 33  |
|--------------|---------|-------|--------|----|---|---|---|---|---------|-----|
| Bricks, 23,9 | 000     |       |        |    |   |   |   |   | 260     |     |
| Cement, 77   | bbls.   |       |        |    |   |   |   |   | 96      | 25  |
| Sand, 151 d  | ouble l | oads  |        |    |   |   |   |   | 29      | 88  |
| M. H. fram   | es and  | cover | rs, 17 | )  |   |   |   |   |         | ~ ~ |
| M. H. steps  |         |       | ,      | 7  | • | • | • | • | 153     | 26  |
| Teaming      |         |       |        |    |   |   |   |   | 152     | 75  |
| Lumber, 3,6  | 522 fee | t     |        |    |   |   |   |   | 61      | 57  |
| Pipe .       |         |       |        |    |   |   |   |   | 904     |     |
| Fuel and oil |         |       |        |    |   |   |   |   |         | 30  |
| Blacksmithi  |         |       |        | ·. |   |   |   |   | -       | 80  |
| Water .      |         |       |        |    |   |   |   |   | 281     |     |
| Miscellaneo  |         |       |        |    |   |   |   |   |         | 93  |
|              |         |       |        |    |   | · |   | • |         |     |
|              |         |       |        |    |   |   |   |   | \$4,577 | 62  |
|              |         |       |        |    |   |   |   |   | W-1011  |     |

Size and Length of Sewer.

2,811.62 feet 12 in., pipe.

# Stratford Avenue.

| Labor                          |    |  |  | \$2,233 | -37 |
|--------------------------------|----|--|--|---------|-----|
| Bricks, 47,750 .               |    |  |  | 573     | 00  |
| Cement, $148\frac{1}{2}$ bbls. | °. |  |  | 181     | 23  |
| Sand, 21 double loads          |    |  |  | 36      | 75  |
| Gravel, 26 double loads        |    |  |  | 45      | 50  |
|                                |    |  |  |         |     |

Carried forward,

\$3,069 85

.

305

| 85 |
|----|
| 92 |
| 00 |
| 32 |
| 47 |
| 00 |
| 40 |
| 81 |
| 14 |
| 48 |
|    |
| 39 |
|    |

298.14 feet 2 ft.  $\times$  3 in., brick.

# **Prince Street.**

| M. Kie: | rnan | , conti | act | or.     |   |  |  | \$2,184 | 35 |
|---------|------|---------|-----|---------|---|--|--|---------|----|
| Labor   |      | •       |     |         |   |  |  | 28      | 00 |
| Cement  | , 45 | bbls.   |     |         |   |  |  | 50      | 80 |
| M. H.   | fram | les and | co  | vers, 8 |   |  |  | 63      | 49 |
| Teamin  | g    |         |     | •       |   |  |  | 5       | 50 |
| Pipe    |      |         |     |         |   |  |  | 566     | 28 |
| Coal    |      |         |     |         |   |  |  | 1       | 56 |
| Water   |      |         |     |         |   |  |  | 157     | 42 |
| Resurfa | cing |         |     |         |   |  |  | 745     | 60 |
|         | 6    | ,       | 5   |         | , |  |  |         |    |

\$3,803 00

# Size and Length of Sewer.

675 feet 15 in., pipe. 900 feet 12 in., pipe.

# Maple Street, West Roxbury.

| James Dolan, contractor |       |        |    |         |  | • · · |  | \$7,108 | 30        |
|-------------------------|-------|--------|----|---------|--|-------|--|---------|-----------|
| Labor                   |       |        |    |         |  |       |  | 462     |           |
| Cement                  | , 48  | bbls.  |    |         |  |       |  | 60      | 00        |
| M. H. :                 | frame | es and | CO | vers, 6 |  |       |  | 41      | 37        |
| Teamin                  | g     |        |    | •       |  |       |  | 1       | 50        |
| Pipe                    |       |        |    |         |  |       |  | 954     | 70        |
| Water                   |       |        |    |         |  |       |  | 110     | 00        |
| Fuel                    |       |        |    |         |  |       |  | 2       | 12        |
|                         |       |        |    |         |  |       |  |         |           |
|                         |       |        |    |         |  |       |  | \$8,739 | $99^{-1}$ |

# Size and Length of Sewer.

c:

1,100 feet of 12-in. pipe. 680 feet of 15-in. pipe.

----

# Sturbridge Street.

| D. F. O'Connell & Co., cont  | raci | tors |  | \$2,227 75 |
|------------------------------|------|------|--|------------|
| Labor                        |      |      |  | 248 50     |
| Cement, 40 bbls              |      |      |  | $47 \ 20$  |
| M. H. frames and covers, 4   |      | •    |  | 32 80      |
| Pipe                         |      |      |  | $415 \ 24$ |
| Citizens' Relief Association |      |      |  |            |
| Water                        |      |      |  | 81 27      |
|                              |      |      |  |            |
|                              |      |      |  | \$3.175 46 |

Size and Length of Sewer.

767.72 feet of 15-in. pipe.

# Centre Street, between Lakeville Place and Robinwood Avenue.

| Labor           |         |       |    |   |   |   |   | \$3,580 19 |
|-----------------|---------|-------|----|---|---|---|---|------------|
| Bricks, 1,500   |         |       |    |   |   |   |   | 16 50      |
| Cement, 12 bbls |         |       |    |   |   |   |   | $14 \ 41$  |
| M. H. frames a  | und cov | vers, | 2) |   |   |   |   | 15 00      |
| M. H. steps, 8  |         | ,     | }  | • | • | • | • | 15 98      |
| Powder)         |         |       | ,  |   |   |   |   |            |
| Fuse / .        |         |       |    |   |   |   |   | 194 65     |
| Caps )          |         |       |    |   |   |   |   |            |
| m               |         |       |    |   |   |   |   | $499 \ 50$ |
| Lumber, 6,619 f |         |       |    |   |   |   |   | 107 84     |
| Pipe            |         |       |    |   |   |   |   | $172 \ 10$ |
| Blacksmithing a | nd tool | ls.   |    |   |   |   |   | 244 95     |
| TT 5 7 47       |         |       |    |   |   |   |   | $14 \ 46$  |
| Water           |         |       |    |   |   |   |   | $39 \ 03$  |
| Miscellaneous s | upplies |       |    |   |   |   |   | 100 06     |
|                 |         |       |    |   |   |   |   |            |
|                 |         |       |    |   |   |   |   | \$4,999 67 |

Size and Length of Sewer.

310.35 feet of 15-in. pipe.

# Shirley Street.

| Labor .       |         |       |   |   |   |   |   |   | \$4,310          | 09 |
|---------------|---------|-------|---|---|---|---|---|---|------------------|----|
| Bricks, 100,2 | 00      |       |   |   |   |   |   |   | 1,002            | 00 |
| Cement, 335   |         |       |   |   |   |   |   |   | 386              | 53 |
| Sand, 80 dou  | ble los | ads . |   |   |   |   |   |   | 144              | 00 |
| Gravel, 145 d |         |       |   |   |   |   |   |   | 239              |    |
| M. H. frame   |         |       |   |   |   |   |   |   |                  | _  |
| M. H. steps,  |         |       | , | 5 | • | • | • | • | $\underline{30}$ | 72 |
| Teaming       |         |       |   | , |   |   |   |   | 536              | 00 |
| Lumber, 10,2  |         |       |   |   |   |   |   |   | 164              |    |
| Pipe .        |         |       |   |   |   |   |   |   | 177              |    |
| r ibo         | •       | • •   |   | • | • | • | • | • | 111              | 00 |
|               |         |       |   |   |   |   |   |   |                  |    |

Carried forward,

\$6,990 94

| Brought forward,       |  |   |  | \$6,990 | 94 |
|------------------------|--|---|--|---------|----|
| Fuel                   |  | • |  | 22      | 34 |
| Blacksmithing .        |  |   |  | 33      | 58 |
| Water                  |  |   |  | 123     | 62 |
| Miscellaneous supplies |  |   |  | 33      | 10 |
|                        |  |   |  |         |    |
|                        |  |   |  | \$7,203 | 58 |

164.54 feet 2 ft. 6 in.  $\times$  3 ft., brick. 25.05 feet 12 in., pipe.

# Billerica Street.

| Labor                       |   |   |   |   |   | \$4,060 11 |
|-----------------------------|---|---|---|---|---|------------|
| Bricks, 93,375              |   |   |   |   |   | 924 75     |
| Cement, 339 bbls            |   |   |   |   |   | 409 80     |
| Sand, 81 5-6 double loads   |   |   |   |   | • | $163 \ 71$ |
| Gravel, 65 double loads .   |   |   |   |   |   | 116 60     |
| Screenings, 71 double loads |   |   |   |   |   | $124\ 25$  |
| Teaming by contractors )    |   |   |   |   |   | 830 00     |
| Teaming by department       | • | • | • | • | • | 000 00     |
| Lumber, 20,909 feet         |   |   |   |   |   | $290\ 67$  |
| Pipe                        |   |   |   |   |   | 210 83     |
| Profiles, centres, etc.     |   |   |   |   |   | 66 33      |
| Water                       |   |   |   |   |   | 63 22      |
| Miscellaneous supplies .    |   |   |   |   |   | 32 88      |
| Resurfacing street          |   |   |   |   |   | 260 29     |
|                             |   |   |   |   |   |            |

\$7,553 44

### Size and Length of Sewer.

632.15 feet 2 ft. 6 in.  $\times$  3 ft., brick.

# Commonwealth Avenue, No. 3.

| Labor                      |      | •       |    |                          |   |   |   | \$14,070 88 |
|----------------------------|------|---------|----|--------------------------|---|---|---|-------------|
| Bricks, 385,650            |      |         |    |                          |   |   |   | 4,242 15    |
| Cement, 916 bbl            | s    |         |    |                          |   |   |   | 1,134 50    |
| Sand, 11 double            | load | ls .    |    |                          |   |   |   | 21 45       |
| M. H. frames a             | and  | covers, | 13 | )                        |   |   |   | 148 96      |
| M. H. steps, 100           |      | · · ·   |    | $\left\{ \cdot \right\}$ | • | • | • | 140 90      |
| Powder, 40 lbs.            |      |         |    | ·                        |   |   |   |             |
| Fuse                       | Ļ    |         |    |                          |   |   |   | 17 60       |
| Caps                       | 1    |         |    |                          |   |   |   |             |
| Teaming .                  | ĺ.   |         |    |                          |   |   |   | $601 \ 00$  |
| Lumber, 41,964             |      |         |    |                          |   |   |   | 656 80      |
| Pipe .                     |      |         |    |                          |   |   |   | 1,150 64    |
| Coal, $60\frac{3}{4}$ tons |      |         |    |                          |   |   |   | 311 66      |
| Blacksmithing              |      |         |    |                          |   |   |   | $108 \ 23$  |
| Profiles, centres,         |      |         |    |                          |   |   |   | 89 66       |
| , ,                        |      |         |    |                          |   |   |   |             |

Carried forward,

\$22,553 53

| Brought forward,        |  |  |  | \$22,553 | 53 |
|-------------------------|--|--|--|----------|----|
| Engine-hire             |  |  |  | 336      | 00 |
| Trench machine-hire     |  |  |  | 600      | 00 |
| Water                   |  |  |  | 290      | 03 |
| Miscellaneous supplies  |  |  |  | 317      | 38 |
| Engine and burning oils |  |  |  | 81       | 96 |
| 0                       |  |  |  |          |    |
|                         |  |  |  | \$24,178 | 90 |

600.60 feet 3 ft. 6 in.  $\times$  3 ft. 9 in., brick. 1,483.70 feet 2 ft. 4 in.  $\times$  3 ft. 6 in., brick. 104.98 feet 24 in., pipe. 656.10 feet 18 in., pipe.

# Commonwealth Avenue, No. 7.

| Labor          |         |       |       |     |      | \$189   | 00 |
|----------------|---------|-------|-------|-----|------|---------|----|
| Cement, 57 bb  | ols     |       |       |     |      | 69      | 25 |
| Screenings, 19 |         |       |       | • . |      |         | 25 |
| M. H. frames   | and c   | overs | , 7 . |     |      | 56      | 81 |
| Lumber, 10,05  | 59 feet | t.    | •     |     |      | 164     | 93 |
| Pipe .         |         |       |       |     |      | 529     | 26 |
| Metropolitan ( |         |       |       |     | ·s . | 1,988   | 31 |
|                |         |       |       |     |      | 146     | 48 |
| Miscellaneous  | suppl   | ies . |       | 6   |      | 8       | 00 |
|                |         |       |       |     |      |         |    |
|                |         |       |       |     |      | \$3,185 | 29 |

Size and Length of Sewer.

1,464.86 feet 12 in., pipe.

# Commonwealth Avenue, No. 4.

| Labor .       |        |     |   |  |  | \$3,899 | 43 |
|---------------|--------|-----|---|--|--|---------|----|
| Bricks, 21,70 |        |     |   |  |  | 217     | 10 |
| Cement, 795   |        |     |   |  |  | 93      | 42 |
| Sand, 24 don  | ble lo | ads |   |  |  | 48      | 00 |
| M. H. frames  |        |     |   |  |  | 96      | 32 |
| Teaming       |        |     | • |  |  | 553     | 50 |
| Lumber, 2,69  | 1 fee  | t   |   |  |  | 44      | 08 |
| Pipe .        |        |     |   |  |  | 938     | 57 |
| Coal, 2 tons  |        |     |   |  |  | 10      | 90 |
| Wood, 17 cos  |        |     |   |  |  | 144     | 50 |
| Oil .         |        |     |   |  |  | 9       | 89 |
| Tools and bla |        |     |   |  |  | 144     | 12 |
| Manure, 1 co  |        |     |   |  |  | 6       | 00 |
| Water .       |        |     |   |  |  | 274     | 18 |
|               |        |     |   |  |  |         |    |

\$6,480 01

# Size and Length of Sewer.

99 feet 15 in., pipe. 1,547.80 feet 12 in., pipe. -309

# Western Avenue and Duck Lane.

| Labor                   |      |  |  | \$2,136 | 48 |
|-------------------------|------|--|--|---------|----|
| Bricks, 97.000 .        |      |  |  | 1,042   | 00 |
| Cement, 214 bbls        |      |  |  | 267     | 50 |
| Sand, 90 double loads   |      |  |  | 180     | 00 |
| Gravel, 35 double loads |      |  |  | 61      | 25 |
| M. H. frames and covers | s, 3 |  |  | 19      | 95 |
| Teaming                 | •    |  |  | 334     | 50 |
| Lumber, 1,094 feet      |      |  |  | 16      | 83 |
| Pipe                    |      |  |  | 78      | 13 |
| Profiles, centres, etc. |      |  |  | 52      | 42 |
| Blacksmithing .         |      |  |  | 14      | 45 |
| Water                   |      |  |  | 61      | 09 |
| Miscellaneous supplies  |      |  |  | 5       | 52 |
|                         | -    |  |  |         |    |
|                         |      |  |  | \$4.270 | 12 |

# Size and Length of Sewer.

610.90 feet 2 ft. 6 in.  $\times$  3 ft., brick.

# Parsons, No. Beacon, and Faneuil Streets.

| Labor                        |             |     |   |   |   |   | \$5,637 | 36  |
|------------------------------|-------------|-----|---|---|---|---|---------|-----|
| Bricks, 235,375              |             |     |   |   |   |   | 2,589   |     |
| Cement, 521 bbls.            |             |     |   |   |   |   | 633     |     |
| Sand, 51 double loads        |             |     | : |   | • | • | 99      | 45  |
|                              |             | • • | • | • | • | • | 00      | 10  |
| M. H. frames and cover       | :s, 4       | *   |   |   |   |   |         |     |
| M. H. steps, 100             | л - г       | 5   |   |   |   |   | 200     | 10  |
| I. S. G. M. H. F. and (      | <i>j.</i> 2 |     | • | • | • | • | 299     | 40  |
| 2 tide-gates                 |             | )   |   |   |   |   | -       | - 0 |
| 1 keg powder and fuse        | ٠           | •   | • | • | • | • | -       | 10  |
| Teaming                      |             |     |   | • | • | • | 473     |     |
| Lumber, 25,415 feet          |             |     |   |   |   |   | 414     |     |
| Pipe                         |             | - · |   |   |   |   | 178     | 60  |
| Trench-machine hire          |             | •   |   |   |   |   | 525     | 49  |
| Engine-hire                  |             |     |   |   |   |   | 228     | 02  |
| Blacksmithing .              |             |     |   |   |   |   | 73      | 65  |
| Engine and burning oil       |             |     |   |   |   |   | 9       | 67  |
| Profiles, centres, etc.      |             |     |   |   |   |   | 223     | 23  |
| Miscellaneous supplies       |             |     |   |   |   |   | 290     | 88  |
| Coal, $32\frac{1}{3}$ tons . |             |     |   |   |   |   | 167     |     |
| , 0                          |             |     | • | • |   |   | 49      |     |
| Wood                         |             |     | • |   | • | • | 117     |     |
| Water                        | •           | •   | • | • | · | • | 111     | 00  |
|                              |             |     |   |   |   |   | 010.014 | 59  |

\$12,014 53

### Size and Length of Sewer.

14.16 feet 24 in., pipe. 766.90 feet 3 ft. 9 in.  $\times$  3 ft. 11<sup>5</sup>/<sub>8</sub> in., brick. 12.00 feet 48 in., iron pipe. 102.05 feet 4 ft. 3 in.  $\times$  4 ft. 6 in., brick.

## Washington Street, Brighton.

| Labor                |       |   |   |   |   |   | \$10,320 15 |
|----------------------|-------|---|---|---|---|---|-------------|
| Bricks, 261,000      |       |   |   |   |   |   | 2,870 75    |
| Cement, 788 bbls.    |       |   |   |   |   |   | $997 \ 35$  |
| Sand, 201 double l   |       |   |   |   |   |   | 391 95      |
| Gravel and screen    |       |   |   |   |   |   | $456 \ 75$  |
| M. H. frames and     |       |   |   |   |   |   | 140.00      |
| M. H. steps, 45      |       | ì | • | • | • | • | 146 86      |
| Powder, 80 lbs.      |       | - | • | • | • | • | 22 00       |
| Teaming .            |       |   |   |   |   |   | 1,265 25    |
| Lumber, 15,723 fe    | et    |   |   |   |   |   | 244 96      |
| Pipe                 |       |   |   |   |   |   | 1,014 94    |
| Hire of engine       |       |   |   |   |   |   | 362 50      |
| Hire of trench-mad   | hine  |   |   |   |   |   | $508 \ 46$  |
| Coal, 25 tons        |       |   |   |   |   |   | 118 17      |
| Profiles, centres, e |       |   |   |   |   |   | $306 \ 14$  |
| Engine and burnin    | g oil |   |   |   |   |   | 26 14       |
| Miscellaneous supp   | olies |   |   |   |   |   | $74 \ 70$   |
| Blacksmithing and    |       |   |   |   |   |   | 515 53      |
| Tide-gates .         |       |   |   |   |   |   | $172 \ 09$  |
| Water                |       |   |   |   |   |   | $295 \ 42$  |
|                      |       |   |   |   |   |   |             |
|                      |       |   |   |   |   |   | @PO 110 11  |

\$20,110 11

# Size and Length of Sewer.

715.37 feet 3 ft. 9 in.  $\times$  3 ft. 115 in., brick. 362.23 feet 18 in., pipe. 902.20 feet 15 in., pipe. 267.14 feet 12 in., pipe. 682.66 feet 2 ft.  $\times$  3 ft., brick. Overflow chamber and tide-gate.

# Wexford Street, Brighton.

| Labor .    |         |       |        |      |        |       |        | \$141 | 50 |
|------------|---------|-------|--------|------|--------|-------|--------|-------|----|
| Cement, 4  | 1 bbls. |       |        |      |        |       |        | 47    | 76 |
| M. H. frai |         |       |        |      |        |       |        | 40    | 46 |
| Pipe .     |         |       |        |      |        |       |        | 550   | 08 |
| Metropolit | an Cons | struc | tion ( | Comp | any, e | ontra | actors | 2,399 | 06 |
| Coal .     |         |       | •      |      |        |       |        | 2     | 60 |
|            |         |       |        |      |        |       |        |       |    |

\$3,181 46

# Size and Length of Sewer.

491 feet 15 in., pipe. 755.38 feet 12 in., pipe.

# Sanford Street.

| D. F. O'Connell & | Co., | contr | actor | s |   |  | \$4,244 | 90 |
|-------------------|------|-------|-------|---|---|--|---------|----|
| Labor             |      |       | •     |   |   |  | 431     | 12 |
| Cement, 63 bbls.  | •    |       |       |   | • |  | 75      | 30 |
|                   |      |       |       |   |   |  |         |    |
| Carried forwar    | d,   |       |       |   |   |  | \$4,751 | 32 |

# CITY DOCUMENT NO. 34.

| B     | rough | t foru | vard, |        |   |   |   |   |   | \$4,751 | 32 |
|-------|-------|--------|-------|--------|---|---|---|---|---|---------|----|
| М. Н. | fram  | es and | d cov | ers, 6 |   |   |   |   |   | 47      |    |
| Teami | ng    | •      |       |        | • |   |   |   |   | 22      | 50 |
| Pipe  | •     | •      | •     | •      | • |   | • | • | • | 554     | 65 |
| Coal  | •     | •      | •     | •      | • | • |   | • | • |         | 75 |
| Water | •     | •      | •     | •      | • | • | • | • | • | 220     | 47 |
|       |       |        |       |        |   |   |   |   |   |         |    |
|       |       |        |       |        |   |   |   |   |   | \$5,605 | 41 |

### Size and Length of Sewer.

93.65 feet 18 in., pipe. 663.90 feet 12 in., pipe.

# Fellows Street.

| Labor                      |     |          | • ' |   |   |   |   | \$7,478 | 81 |
|----------------------------|-----|----------|-----|---|---|---|---|---------|----|
| Bricks, 10,000             |     |          |     |   |   |   |   | 100     | 00 |
| Cement, 53 bbls.           |     |          |     |   |   |   |   | 66      | 05 |
| Sand, 10 double los        | ads |          |     |   |   |   |   | 18      | 20 |
| M. H. frames and           |     | rs. $5$  | )   |   |   |   |   |         |    |
| M. H. steps, 68            |     | <i>,</i> | {   | • | • | • | • | 71      | 00 |
| Teaming .                  |     |          | •   |   |   |   |   | 940     | 75 |
| Lumber, 83,253 fee         | et  |          |     |   |   |   |   | 1,264   |    |
| Pipe                       |     |          |     |   |   |   |   | 700     |    |
| Blacksmithing and          |     |          | •   |   |   |   |   | 144     |    |
| 0'1                        |     |          |     |   |   |   |   | 20      |    |
| Coal, $27\frac{1}{2}$ tons |     |          | •   | : |   |   |   | 122     |    |
| Water                      |     |          |     |   |   |   | : | 105     |    |
| Miscellaneous supp         |     | •        |     |   | • |   | • | 10      |    |
| miscenateous supp          | nes | •        | ٠   | • | • | • | • | 10      | 10 |

\$11,044 06

Size and Length of Sewer.

519.18 feet 15 in., pipe. 535.71 feet 12 in., pipe.

# Townsend Street.

| Labor                              |        |     |   |   |   |   | \$2,009 | 39           |
|------------------------------------|--------|-----|---|---|---|---|---------|--------------|
| Bricks, 3,000                      |        |     |   |   |   |   | 30      | $50^{\circ}$ |
| Cement, 13 bbls.                   |        |     |   |   |   |   | 15      | 27           |
| Sand, 5 double loads               |        |     |   |   |   |   | 8       | 90           |
| Gravel, $19\frac{1}{2}$ double los | lds    |     |   |   |   |   | 31      | 71           |
| M. H. frames and co                | vers,  | 2)  |   |   |   |   | 93      | 79           |
| M. H. steps, 14                    |        | Ś   | • | • | • | • | 20      | 10           |
| 300 lbs. powder, and f             | use    | •   |   |   |   |   | 95      | 85           |
| Teaming                            |        |     |   |   |   |   | 321     | 25           |
| Lumber, 1,372 feet                 |        |     |   |   |   |   | 21      | 95           |
| Pipe                               |        |     |   |   |   |   | 72      | 35           |
| Hardware and blacksm               | nithir | ng. |   |   |   |   | 358     | 35           |
| Water                              |        | •   |   |   |   |   | 34      | 63           |
| Coal and oil                       |        |     |   |   |   |   | 8       | 08           |
| Miscellaneous supplies             |        |     |   |   |   |   | 103     | 00           |
|                                    |        |     |   |   |   |   |         |              |

3,135 02

158.81 feet 12 in., pipe.

### Ivy Street.

| Quimby & Ferguson, con   | ntrac | tors |   |   |   |   | \$1,892 | 03 |
|--------------------------|-------|------|---|---|---|---|---------|----|
| Labor                    |       |      |   |   |   |   | 151     | 40 |
| Cement, 71 bbls          |       |      |   |   |   |   | 88      | 75 |
| M. H. frames and cover   | s, 6` | )    |   |   |   |   |         |    |
| M. H. steps, 56          |       | ĺ    |   |   |   |   | 182     | 83 |
| C. B. frames and grates  |       | ſ •  | • | • | • | • | 102     | 00 |
| C. B. traps and hooks, 7 | 7,    | j    |   |   |   |   |         |    |
| Teaming                  |       |      |   |   |   |   | 22      | 75 |
| Pipe                     |       |      |   | • | • |   | 614     | 02 |
| Granite and flagging     |       |      |   |   |   |   | 66      | 50 |
| Advertising              |       |      |   |   | • |   | 35      | 96 |
| Water                    |       |      |   |   |   |   | 89      | 88 |
|                          |       |      |   |   |   |   |         |    |
|                          |       |      |   |   |   |   | \$3,144 | 12 |
|                          |       |      |   |   |   |   |         |    |

### Size and Length of Sewer.

22.43 feet 18 in., pipe.
62.59 feet 15 in., pipe.
933.80 feet 12 in., pipe.
127 feet 10 in., pipe, C. B. drain.
1,379 feet 6 in., pipe, house drain.
7 eatch-basins.

# Newbury Street.

| Metropolita | n Con   | struc | tion  | Comp   | any      |   |  | \$5,987 13 |
|-------------|---------|-------|-------|--------|----------|---|--|------------|
| Labor .     |         |       |       | •      |          |   |  | $345 \ 85$ |
| Bricks, 157 | ,600    |       |       |        |          |   |  | 1,65050    |
| Cement, 35  | 23 bb   | ols.  |       |        |          |   |  | $434 \ 37$ |
| M. H. fram  |         |       |       |        | )        | • |  |            |
| D catch-bas | sin fra | ames  | and g | grates | $, 6 \}$ |   |  | 101 69     |
| M. H. steps |         |       |       |        |          |   |  |            |
| Teaming     | •       |       |       |        | •        |   |  | 1 50       |
| Flagging    |         |       |       |        |          |   |  | 24 00      |
| Pipe .      |         |       |       |        |          |   |  | $602 \ 47$ |
| Water .     |         |       |       |        |          |   |  | $120 \ 12$ |
|             |         |       |       |        |          |   |  |            |

\$9.267 63

#### Size and Length of Sewer.

924.10 feet 2 ft. 6 in.  $\times$  3 ft., brick. 280.40 feet 12 in., pipe. 370.30 feet 12 in., pipe, C. B. drain. 70.87 feet 10 in., pipe, C. B. drain. 1,809 feet 6 in., pipe, house drain. 3 catch-basins and 3 drop inlets.

#### Parker Street. National Construction Company, contractors . . \$12,206 92 Labor 867 90 . . . Bricks, 193,300 1,888 15 . . Cement, 796 bbls. . $991 \ 25$ . . . M. H. frames and covers, 14 M. H. steps, 100 D catch-basin frames and grates, 6 354 30 C. B. covers, 15 C. B. traps and hooks, 15 Tide-gates, 2 Teaming . Pipe . . 96 00 . 1,471 27 Flagstones, 3 312 50C. B. heads and gutters, 15 Advertising . . . 59 50Water . . 268 39 .

\$18,516 18

#### Size and Length of Sewer.

1,105.40 feet 2 ft. 6 in. × 3 ft., brick.
163 feet 18 in., pipe.
7 feet 20 in., pipe.
1,189.41 feet 12 in., pipe.
385.93 feet 12 in., pipe, C. B. drain.
346.82 feet 10 in., pipe, C. B. drain.
1,794 feet 6 in., pipe, house drain.
18 catch-basins and 3 drop inlets.

#### Dorchester Lower Mills Trunk Sewer.

| Labor                   |     |    |   |   |   |     | \$10,408 | 32 |
|-------------------------|-----|----|---|---|---|-----|----------|----|
| Bricks, 200,450 .       |     |    |   |   |   |     | 2,204    | 95 |
| Cement, 3934 bbls.      |     |    |   |   |   |     | 480      |    |
| Sand. 110 double loads  |     |    |   |   |   |     | 198      | 00 |
| Gravel, 28 double loads |     |    |   |   |   |     | 46       | 20 |
| Frames and covers, 5)   |     |    |   |   |   |     |          |    |
| Iron steps, 38          | •   | •  | • | • | • | • 1 | 53       | 39 |
| Explosives              |     |    |   |   |   |     | 892      | 42 |
| Teaming                 |     |    |   |   |   |     | 197      |    |
| Lumber, 16,110 feet     |     |    |   |   |   |     | 258      |    |
| Pipe                    |     |    |   |   |   |     | 102      |    |
| Blacksmithing and hard  | war | e. |   |   |   |     | 344      |    |
| Fuel and 'oil           |     |    |   |   | • |     | 271      |    |
| Rent of steam-drill .   |     |    |   |   |   |     | 648      |    |
| Miscellaneous supplies  |     |    |   |   |   | ·   | 221      |    |
| incommetats supplies    | •   | •  | • | • | • | •   | 144      |    |

\$16,328 00

#### Size and Length of Sewer.

599.74 feet 2 ft. 6 in.  $\times$  3 ft., brick. 547.17 feet 2 ft.  $\times$  3 ft., brick. STREET DEPARTMENT. - STREET-CLEANING DIVISION. 315

# APPENDIX E.

# REPORT OF DEPUTY SUPERINTENDENT OF STREET-CLEANING DIVISION.

14 BEACON ST., BOSTON, February 1, 1895.

MR. B. T. WHEELER, Superintendent of Streets:

DEAR SIR: I respectfully submit my annual report of the expenditures and income of the Street-Cleaning Division of the Street Department for the financial year ending January 31, 1895:

### FINANCIAL STATEMENT.

| Amount of appropriation .        |        |       |    |     | \$273,000  | 00  |
|----------------------------------|--------|-------|----|-----|------------|-----|
| Revenue from Brookline Gas Ligh  | nt Cor | npany | on | ac- |            |     |
| count of work done by this Divi  | sion   | •     |    |     | 237        | 00  |
| Transfers from Paving Division   |        |       |    |     | $21,\!240$ | 44  |
| Transfer from Watering Division  | •      |       |    |     | 8,000      | 00  |
|                                  |        |       |    |     |            |     |
|                                  |        |       |    |     | \$302,477  | 44  |
| Transferred to County of Suffolk |        |       |    |     | 1,000      |     |
|                                  |        |       |    |     |            |     |
| Total amount of appropriation    | 1      |       | •  | •   | \$301,477  | 44  |
| Tatal amount of amound it.       |        |       |    |     | 0201 477   | 1.4 |
| Total amount of expenditures     | •      | •     | •  | •   | \$301,477  | 44  |

### Objects of Expenditures.

#### Superintendence.

| Salary of Deputy  | Supe | erinten | dent  |  |   |   | \$3,000 | 00 |
|-------------------|------|---------|-------|--|---|---|---------|----|
| Office pay-rolls  | •    |         |       |  |   |   | 4,580   | 60 |
| Stationery .      |      |         |       |  |   |   | 198     | 48 |
| Printing .        |      |         |       |  |   |   | -378    | 72 |
| Board of horses   |      |         |       |  |   |   | 600     | 00 |
| Telephone service | •    |         |       |  | • | • | 142     | 56 |
|                   |      |         |       |  |   |   |         |    |
| Total cost of     | supe | erinten | lence |  |   |   | \$8,900 | 36 |

#### CLEANING STREETS.

Including the Cost of Sweeping, Loading and Removal of Streetdirt.

| District 1. | West End .     |       | •    |       |    |     | \$17,388 | 13 |
|-------------|----------------|-------|------|-------|----|-----|----------|----|
| District 2. | North End .    |       |      |       |    |     | 20,000   | 92 |
| District 3. | South End .    |       |      |       |    |     | 21,352   | 50 |
| District 4. | South End .    |       |      |       |    |     | 17,010   | 64 |
| District 5. | Back Bay       |       |      |       |    |     | 14,027   | 81 |
| District 6. | South Bosto    |       |      |       |    |     | 11,868   | 20 |
| District 7. | Roxbury .      |       |      |       |    |     | 14,868   | 93 |
| District 9. | Charlestown    | and   | East | Boste | on |     | 11,634   | 15 |
|             |                |       |      |       |    |     | <u> </u> |    |
| Total co    | ost of cleanin | g str | eets |       |    | . 9 | 128.151  | 28 |

### CLEANING GUTTERS.

Including Cost of Sweeping, Loading and Removal of Street-dirt.

| District 1. | West End .      |            | •      | •     |      | \$2,068  | 38 |
|-------------|-----------------|------------|--------|-------|------|----------|----|
| District 2. | North End )     | District   |        | 1     |      |          |    |
| District 3. | South End       | District   | entire | iy pa | veu. |          |    |
| District 4. | South End .     |            |        |       |      | 1,577    | 94 |
| District 5. | Back Bay .      |            |        |       |      | 3,613    | 49 |
| District 6. | South Boston    | 1 <b>.</b> |        |       |      | 5,272    | 19 |
| District 7. | Roxbury .       |            |        |       |      | 4,362    | 01 |
| District 9. | Charlestown     | and East   | Bosto  | on    |      | 3,871    | 86 |
|             |                 |            |        |       |      |          |    |
| Total co    | ost of cleaning | g gutters  |        | •     |      | \$20,765 | 87 |

Total length of gutters cleaned, 2,175.65 miles. Average cost per mile, \$9.75.

### CLEANING CROSSINGS.

### Including Cost of Manual and Machine Labor.

|             | ning crossings |          | •     |     |      |   | \$618 95   |
|-------------|----------------|----------|-------|-----|------|---|------------|
| Removing si | now by patrol  | •        | •     | •   | •    | • | 2,877 88   |
| Total co    | ost            | •        | •     |     | •    | ٠ | \$3,496 83 |
|             | Cost of        | MAINTA   | INING | Du  | MPS. |   |            |
| District 1. | West End .     |          |       |     |      |   | \$52794    |
| District 2. | North End .    |          |       |     |      |   | $524\ 22$  |
| District 3. | South End .    |          |       |     |      |   | $513\ 18$  |
| District 4. | South End .    |          |       |     |      |   | $521 \ 02$ |
| District 5. | Back Bay .     |          |       |     |      |   | $470 \ 40$ |
| District 6. | South Boston   |          |       |     |      |   | $433 \ 00$ |
| District 7. | Roxbury .      |          |       | • . |      |   |            |
| District 9. | Charlestown a  | and East | Bos   |     |      |   | 453 00     |
| Total co    | ost of dumps   |          |       |     | •    |   | \$3,442 76 |

# STREET DEPARTMENT. -- STREET-CLEANING DIVISION, 317

### SNOW.

Including Labor on Crossings, in Streets, Cartiny of Snow, etc.

| District 1. | West End   |        |        |      |    |   |   | \$2,683    | 98 |
|-------------|------------|--------|--------|------|----|---|---|------------|----|
| District 2. | North End  | 1.     |        |      |    |   |   | 2,990      | 69 |
| District 3. | South End  | ۱.     |        |      |    |   |   | 3,780      | 73 |
| District 4. |            | 1.     | •      |      |    |   | • | 2,776      | 69 |
| District 5. | Back Bay   |        | •      |      |    |   |   | 2,965      | 49 |
| District 6. | South Bos  | ton    |        |      |    |   |   | $^{3,153}$ | 55 |
| District 7. | Roxbury    |        |        |      |    |   |   | 4,381      | 44 |
| District 9. | Charlestov | vn and | l East | Bost | on |   |   | 2,780      | 58 |
|             |            |        |        |      |    |   |   |            |    |
| Total co    | ost .      | •      | •      |      | •  | • | • | \$25,513   | 15 |

# MISCELLANEOUS WORK.

This shows the cost of such work as may not be characterized the same in all districts.

Including miscellaneous work, sweeping and carting of leaves, etc. :

| District 1. | West End    |       |      |       |    |  | \$635   | 97 |
|-------------|-------------|-------|------|-------|----|--|---------|----|
| District 2. | North End   |       |      |       |    |  | 1,115   | 10 |
| District 3. | South End   | •     |      |       |    |  | 476     | 99 |
| District 4. | South End   |       |      |       |    |  | 707     | 29 |
| District 5. | Back Bay    |       |      |       | 3  |  | 1,641   | 65 |
| District 6. | South Bosto | n     |      |       |    |  | 1,724   | 76 |
| District 7. | Roxbury     |       |      |       |    |  | 1,429   | 94 |
| District 9. | Charlestown | ı and | East | Bosto | on |  | 640     | 83 |
|             |             |       |      |       |    |  |         |    |
| Total c     | ost .       |       | •    |       | •  |  | \$8,372 | 58 |

### PATROLLING BY DISTRICTS.

This includes the cost of picking up and removal of refuse papers, etc., from the streets.

| Cost of paper pati | ol    | •     | •     | •     | ٠    | ٠    | ٠ | \$3,435 92  |
|--------------------|-------|-------|-------|-------|------|------|---|-------------|
|                    | Pus   | вн-Са | акт Р | ATROI | Srst | гем. |   |             |
| Superintendence    |       |       |       |       |      |      |   | \$1,196 52  |
| Board of horses    |       |       |       |       |      |      |   | 293 49      |
| Push-carts, includ | ing l | labor | and t | eamir | og . | •    | • | 22,747 94   |
|                    |       |       |       |       |      |      |   | \$24,237 95 |

| nt Laponeos vacuero el supermeneos panto ana ana Laponeos peros ana resouna | Total.                               | $\begin{array}{c} \circledast 23, 304 \ 40\\ 24, 630 \ 93\\ 26, 123 \ 40\\ 22, 503 \ 58\\ 22, 513 \ 58\\ 22, 41 \ 70\\ 25, 042 \ 32\\ 413 \ 618 \ 95\\ 618 \ 95\\ 3435 \ 92\\ 24, 237 \ 95\end{array}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | \$214,538 46                        |
|-----------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
|                                                                             | Cost of patrol<br>system.            | \$24,237 95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | \$24,237 95                         |
|                                                                             | Patrolling in dusiness<br>districts. | \$3,435.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$3,435 92                          |
|                                                                             | .йтот гиовавПосій                    | \$635 97<br>1,115 10<br>476 99<br>707 29<br>1,647 29<br>1,429 94<br>1,429 94<br>1,429 94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | \$8,372 58                          |
| ounts.                                                                      | wons to teoD                         | \$2,633 98<br>2,990 69<br>3,780 73<br>3,780 73<br>2,916 69<br>2,916 69<br>3,153 55<br>4,381 44<br>4,381 44<br>4,381 44<br>4,381 44<br>2,780 58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | \$25,513 15                         |
| neous Accounts                                                              | .eqmub fo izoO                       | \$527 94<br>524 22<br>513 18<br>521 02<br>470 40<br>433 00<br>453 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | $  \$3,442 \ 76 $ $  \$25,513 \ 15$ |
| u                                                                           | Cost of cleaning<br>crossings.       | 80<br>80<br>80<br>80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$618 95                            |
|                                                                             | Cost of cleaning<br>guiters.         | \$2,068 38<br>\$2,068 38<br>1,577 94<br>1,577 94<br>3,272 19<br>5,272 19<br>4,362 01<br>3,871 86<br>3,871 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$20,765 87                         |
|                                                                             | Cost of cleaning<br>streets.         | \$17,388 13<br>20,000 92<br>21,352 50<br>14,027 81<br>14,027 81<br>14,868 93<br>11,634 15<br>11,634 15<br>8,87<br>11,634 15<br>8,87<br>11,634 15<br>8,87<br>11,634 15<br>8,87<br>11,634 15<br>13,87<br>11,57<br>11,534 15<br>8,87<br>11,534 15<br>13,87<br>11,534 15<br>13,87<br>11,534 15<br>13,87<br>13,87<br>13,87<br>13,87<br>13,87<br>13,87<br>14,868 13<br>14,868 13<br>14,868 13<br>14,868 15<br>14,868 15<br>14,868 15<br>13,877<br>14,868 15<br>14,868 1514,868 15<br>14,868 15<br>14,868 1514,868 15<br>14, | \$128,151 28                        |
| HAMBHWALLBOOM                                                               | DISTRICTS.                           | 1<br>2<br>3<br>4<br>4<br>6<br>6<br>6<br>7<br>7<br>7<br>7<br>7<br>0<br>0<br>5<br>0<br>0<br>5<br>0<br>7<br>7<br>7<br>7<br>7<br>7<br>7<br>7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Total                               |

2 100 ſ

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CITY DOCUMENT No. 34.

### STABLE AND YARD EXPENSES.

Including the Cost of the South End, West End, Roxbury, South Boston, and Charlestown Stables, as follows:

| Superintendence of stables                | •      | •       |    | \$2,691 78  |
|-------------------------------------------|--------|---------|----|-------------|
| Labor, including the cost of feeders, hos | tlers, | broom   | n- |             |
| makers, blacksmiths, carpenters, wate     | ehmer  | i, yare | d- |             |
| men, etc                                  | •      | •       | •  | 19,122 83   |
| Cart and carriage repairs                 | •      | •       | •  | 4,568 $73$  |
| Harness repairs                           |        |         |    | 795 97      |
| Horse-shoeing                             |        | •       |    | 3,276 65    |
| Painting                                  |        |         |    | $605 \ 37$  |
| Sweeping-machine repairs                  |        |         |    | 2,904 72    |
| Stable and shed repairs                   |        |         |    | 1,001 53    |
| Street-car tickets and ferry passes .     |        |         |    | 1,285 00    |
| Tool repairs                              |        |         |    | $172 \ 03$  |
| Veterinary services and medicine .        |        |         |    | 1,753 30    |
| ·                                         |        |         |    |             |
| Total                                     |        |         |    | \$38,177 91 |
|                                           | •      | •       | •  |             |
|                                           |        |         |    |             |
| 0                                         |        |         |    |             |
| STOCK ACCOUN                              | т.     |         |    | ·           |
| Broom stock purchased                     |        |         |    | \$6,044 33  |
| Carts and carriages purchased             |        |         |    | 1,755 00    |
| Harnesses and horse furnishings purcha    |        |         |    | 1,730 79    |
| Horses purchased. (Net)                   |        |         |    | 6,450 00    |
| Sweeping-machines purchased .             |        |         |    | 3,240 00    |
| Tools purchased                           |        |         |    | 706 12      |
| Waste barrels purchased                   |        |         |    | 100 00      |
| Patrol stock and maintenance of same      |        |         |    | 1,127 12    |
|                                           |        |         |    |             |
|                                           |        |         |    | 001 150 0C  |
| Total                                     |        | •       | •  | \$21,153 36 |

#### MISCELLANEOUS.

| Fort Hill wh | arf | repairs   |     |        |       |      |       |    | \$875    | -46 |
|--------------|-----|-----------|-----|--------|-------|------|-------|----|----------|-----|
| New shed in  | Re  | oxbury, o | eom | pletin | g of  |      |       |    | 241      | 05  |
| Holidays     |     |           |     | · •    | •     |      |       |    | 10,981   | 45  |
| Scow (cost   | of  | disposal  | at  | sea    | of 30 | ,765 | loads | of |          |     |
| street-dirt  |     |           |     |        |       |      |       |    | 6,765    | 20  |
| Sundries     |     |           |     |        |       |      |       |    | 2,602    | 03  |
|              |     |           |     |        |       |      |       |    |          |     |
| Total        |     |           |     |        |       |      |       |    | \$21,465 | 19  |
| TOtal        | *   | •         | •   | •      | •     | •    | •     | •  | \$21,400 | 10  |

| Superintendence .       |       |          |   |  | \$8,900   | 36 |
|-------------------------|-------|----------|---|--|-----------|----|
| Cleaning streets .      |       |          |   |  | 128,151   |    |
| Cleaning gutters .      |       |          |   |  | 20,765    | 87 |
| Cleaning crossings .    |       |          |   |  | 3,496     |    |
| Maintaining dumps       |       |          |   |  | 3,442     | 76 |
| Removal of snow and     | ice   |          |   |  | 25,513    |    |
| Miscellaneous work      |       |          |   |  | 8,372     |    |
| Paper patrol in busines | ss di | stricts  |   |  | 3,435     | 92 |
| Patrol system, push-ca  | rts   |          |   |  | 24,237    | 95 |
| Stable and yard expen   | ses   |          |   |  | 38,177    | 91 |
| Stock account .         |       |          |   |  | 21,153    | 36 |
| Miscellaneous , .       |       |          |   |  | 21,465    | 19 |
|                         |       | <u>م</u> |   |  |           |    |
| Total                   |       | •        | • |  | \$307,113 | 16 |

# GENERAL RECAPITULATION OF EXPENSES.

Note. — Of the above amount, the sum of \$5,635.72 was paid by other departments and divisions, on account of work done, etc., making the net expenses of this division, as shown in financial statement, \$01,477.44.

#### Table showing the Cost per Mile of Cleaning the Streets in each District, exclusive of Supervision and other Expenses.

| DISTRICTS.                                                           | Miles of<br>Streets<br>Cleaned.                                                                                      | Cost of<br>Cleaning.                                                                                                   | Pro Rata Cost<br>of Dumps.                                     | Total Cost.                                                                                                            | Cost per<br>Mile.                                                    |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| No. 1<br>No. 2<br>No. 3<br>No. 4<br>No. 5<br>No. 6<br>No. 7<br>No. 9 | $1,582.07 \\ 1,587.88 \\ 2,330.33 \\ 1,785.09 \\ 707.78 \\ 894.96 \\ 494.51 \\ 800.13 \\ \hline 10,432.75 \\ \hline$ | \$17,388 13<br>20,000 92<br>21,352 50<br>17,010 64<br>14,027 81<br>11,868 20<br>14,868 93<br>11,634 15<br>\$128,151 28 | \$471 22<br>524 22<br>513 18<br>476 29<br>373 13<br>299 80<br> | \$17,859 35<br>20,525 14<br>21,865 68<br>17,486 93<br>14,400 94<br>12,168 00<br>14,868 93<br>11,973 95<br>\$131,148 92 | \$11 28<br>11 16<br>9 38<br>9 79<br>20 34<br>13 59<br>30 06<br>14 96 |

Average cost per mile of cleaning streets in eight districts, exclusive of supervision, etc., \$12.57.

STREET DEPARTMENT. - STREET-CLEANING DIVISION. 321

| DISTRICTS.                                                           | Miles of<br>Streets<br>Cleaned.                                                      | Cost of<br>Cleaning<br>Streets.                                                                                 |                                           | 61% of th<br>Total Cc<br>of Superv                                | st                                     | 69% of the<br>Total Cos<br>of Yard ar<br>Stable<br>Expenses | t<br>id                                | Total Expense.                       |                                        | Total Cost<br>per Mile.                                     |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------|----------------------------------------|--------------------------------------|----------------------------------------|-------------------------------------------------------------|
| No. 1<br>No. 2<br>No. 3<br>No. 4<br>No. 5<br>No. 6<br>No. 7<br>No. 9 | 1,582.07<br>1,837.88<br>2,330.33<br>1,785.09<br>707.78<br>894.96<br>494.51<br>800.13 | $\begin{array}{c} 20,525 & 1 \\ 21,865 & 6 \\ 17,486 & 9 \\ 14,400 & 9 \\ 12,168 & 0 \\ 14,868 & 9 \end{array}$ | 4<br>18<br>13<br>14<br>10<br>13<br>15<br> | \$739<br>849<br>905<br>723<br>596<br>503<br>615<br>495<br>\$5,429 | 69<br>18<br>91<br>16<br>72<br>53<br>69 | 4,122<br>4,391<br>3,512<br>2,892<br>2,444<br>2,986<br>2,405 | 72<br>87<br>46<br>61<br>10<br>61<br>12 | 17,889<br>15,115<br>18,471<br>14,874 | 55<br>73<br>30<br>71<br>82<br>07<br>76 | 13 87<br>11 65<br>12 16<br>25 27<br>16 89<br>37 35<br>18 59 |

Table showing the Cost per Mile of cleaning Streets in each District, including Supervision, Labor, Yard and Stable Expenses.

Average cost per mile of cleaning streets in eight districts, including supervision, etc., \$15.61.

| Table showing | g the Number | of Loads of | Street-dirt | removed. |
|---------------|--------------|-------------|-------------|----------|
|---------------|--------------|-------------|-------------|----------|

| DISTRICTS.                                                       | Number of Loads of<br>Dirt removed.                                                     | Cost per Load of cleaning<br>streets and removing to<br>dumps, including Fore-<br>man's Superistendence. |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 1<br>2<br>3<br>4<br>5<br>6<br>7                                  | $\begin{array}{c} 9,517\\ 9,916\\ 9,777\\ 10,641\\ 12,590\\ 9,611\\ 16,312 \end{array}$ | $\begin{array}{c} \$2 & 04 \\ 2 & 01 \\ 2 & 18 \\ 1 & 74 \\ 1 & 40 \\ 1 & 78 \\ 1 & 17 \end{array}$      |
| 9                                                                | 10,970                                                                                  | 1 41                                                                                                     |
| Paper Patrol and Leaves<br>Removed by Push-cart Patrol<br>System | 89,334<br>2,260<br>3,884                                                                | equal to 50,280<br>barrel-loads.                                                                         |
| Total Cart-loads                                                 | 95,478                                                                                  |                                                                                                          |

30,766 loads of the above dirt (or about 33 per cent.) were delivered at the dumping-scow, the towing of which to sea cost 22 cents per load. In addition to the above, 37,557 single loads and 1,948 double loads of street-scrapings were removed from the streets by the Paving Division.

# PUBLIC WASTE-BARRELS.

| Total | number o | f | waste-barrels | emptied | • | 17,724 |
|-------|----------|---|---------------|---------|---|--------|
|       |          |   |               |         |   |        |

### INCOME.

| Amount of h | bills deposited  | with the City  | Collector |         |    |
|-------------|------------------|----------------|-----------|---------|----|
| during the  | financial year e | ending January | 31, 1895, | \$8,163 | 77 |

#### Force Employed.

| Deputy Su  | perinte       | ndent | t .   |        |        |       |       |     | 1   |  |
|------------|---------------|-------|-------|--------|--------|-------|-------|-----|-----|--|
| Clerk .    | •             | •     | •     | •      | •      | •     |       |     | 1   |  |
| Messengers | 3 .<br>in the |       |       | • •    |        |       | •     | •   | 2   |  |
| Employees  | in the        | DIVI  | sion, | not 11 | ieludi | ng th | e abo | ve, | 327 |  |
| Entire     | force         |       |       |        |        |       |       |     | 331 |  |
|            |               |       |       |        |        | -     |       | ·   | 001 |  |

Average force employed during the year, 298.

Respectfully submitted,

PHILIP A. JACKSON, Deputy Superintendent.

# APPENDIX F.

# FORMER SUPERINTENDENTS AND DOCUMENT NUMBERS OF ANNUAL REPORTS.

#### Bridge Department before 1891.

Previous to 1886 under charge of City Engineer.

| NAME.                | Year.        |
|----------------------|--------------|
| Bartholomew M. Young | 1886 to 1889 |
| James H. Nugent.     | 1889 to 1891 |

| NAME OF DOCUMENT. | For                                               | Pub.                                 | No. of                      |
|-------------------|---------------------------------------------------|--------------------------------------|-----------------------------|
|                   | Year.                                             | Year.                                | Doc.                        |
| Annual Report     | 1887           1888           1888           1889 | 1887<br>1888<br>1889<br>1890<br>1891 | $29 \\ 26 \\ 29 \\ 22 \\ *$ |

\* Published in Annual Report, Executive Department, Part I., City Document No. 1, 1891.

#### Paving Department before 1891.

| Ламе.                                        |            |   |  |  |     |  |  |  | Year. |      |     |      |  |                |
|----------------------------------------------|------------|---|--|--|-----|--|--|--|-------|------|-----|------|--|----------------|
| Enoch Patterson, Supt.                       |            |   |  |  |     |  |  |  |       |      |     | 1827 |  |                |
| Zephaniah Sampson, "<br>Thomas Hunting, Supe |            |   |  |  |     |  |  |  |       |      |     |      |  | $1846 \\ 1853$ |
|                                              | 44         |   |  |  |     |  |  |  |       |      |     |      |  | 1864           |
| Charles Harris,                              | 66         |   |  |  |     |  |  |  |       |      |     |      |  | 1883           |
| Nehemiah T. Merritt,                         | 6 6        | - |  |  | • • |  |  |  | <br>  | <br> |     |      |  | 1883           |
| James J. Flynn,                              | 6 6<br>6 6 |   |  |  | ••• |  |  |  |       |      | - 1 |      |  | 1883           |
| Charles Harris,<br>Michael Meehan,           |            |   |  |  | ••• |  |  |  |       |      |     | 1884 |  | 1884           |
| John W. McDonald,                            | 6.6        |   |  |  | ::  |  |  |  |       |      |     | 1886 |  |                |
| J. Edwin Jones,                              | 66 V       |   |  |  |     |  |  |  |       |      |     | 1889 |  |                |

|            | NAME OF DOCUMENT.                          | For<br>Year. | Pub.<br>Year. | No. of<br>Doc. |
|------------|--------------------------------------------|--------------|---------------|----------------|
| Quarte     | rly Report                                 |              | 1851          | 6              |
|            |                                            |              | 1851          | 29             |
|            | Report                                     | 1851         | 1852          | 2              |
| 66         | دد<br>د                                    | 1852         | 1853          | 6              |
| 66         | ***************************************    | 1853         | 1854          | 6              |
| 66         |                                            | 1854         | 1855          | 5              |
| 66         |                                            | 1855         | 1856          | 3              |
| 66         | "                                          | 1856         | 1857          | 3              |
| "          | "                                          | 1857         | 1858          | 3              |
| <u> </u>   | "                                          | 1858         | 1859          | 5              |
| 46         |                                            | 1859         | 1860          | 6              |
| 66         | "                                          | 1860         | 1861          | 5              |
| 66         | "                                          | 1861         | 1862          | 4              |
| " "        | "                                          | 1862         | 1863          | 3              |
| 66         | "                                          | 1863         | 1864          | 3              |
| 66         | "                                          | 1864         | 1865          | 7              |
| 66         | ·····                                      | 1865         | 1866          | 3              |
| "          | ·····                                      | 1866         | 1867          | 6              |
| 66         | · · · · · · · · · · · · · · · · · · ·      | 1867         | 1868          | 9              |
| "          | "                                          | 1868         | 1869          | 14             |
| 66         | "                                          | 1869         | 1870          | 13             |
| "          | "                                          | 1870         | 1871          | 12             |
| "          | · · · · · · · · · · · · · · · · · · ·      | 1871         | 1872          | 16             |
| " "        | ••                                         | 1872         | 1873          | 21             |
| 66         |                                            | 1873         | 1874          | 25             |
| " "        |                                            | 1874         | 1875          | 27             |
| ٤ ٢        | ······                                     | 1875         | 1876          | 30             |
| ""         | ۶۵<br>۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰ | 1876         | 1877          | 38             |
| 66         |                                            | 1877         | 1878          | 29 _           |
| 66         |                                            | 1878         | 1879          | 24             |
| <u>.</u> . | ۶۵<br>۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰ | 1879         | 1880          | 24             |
| "          | · · · · · · · · · · · · · · · · · · ·      | 1880         | 1881          | 48             |
| 6.6        | ۶۶ · · · · · · · · · · · · · · · · · ·     | 1881         | 1882          | 51             |
| 66         | ££                                         | 1882         | 1883          | 47             |
| 66         |                                            | 1883         | 1884          | 46             |
| 6 6        | 44                                         | 1884         | 1885          | 97             |
| <u> </u>   |                                            | 1885         | 1886          | 30             |
| 66         | ""                                         | 1886         | 1887          | 16             |
| 46         |                                            | 1887         | 1888          | 23             |
| 4 6        | ۶ć                                         | 1888         | 1889          | 30             |
| 66         | 4.6                                        | 1889         | 1890          | 19             |
| 66         |                                            | 1890         | 1891          | *              |
|            |                                            |              | •             |                |
|            |                                            |              |               |                |

Paving Department before 1891.

\* Published in Annual Report, Executive Department, Part II., City Document No. 1, 1891.

Sewer Department before 1891.

|                                       | Year.      |  |                            |
|---------------------------------------|------------|--|----------------------------|
| Zephaniah Sampson,                    | 66         |  | 827 to 1831<br>831 to 1837 |
| Charles B. Wells,<br>Simeon B. Smith. | 6 6<br>6 6 |  | 837 to 1850<br>856 to 1868 |
| William H. Bradley,                   | **         |  | 863 to 1883                |
| Horace H. Moses,<br>Thomas J. Young,  | 44         |  | 883 to 1885<br>885 to 1887 |
| Seth Perkins,                         | 66         |  | 387 to 1889                |
| Charles Morton,                       | 66         |  | 889 to 1891                |

|        |      | NAME OF DOCUMENT. | For Year. | Pub.<br>Year. | No. of<br>Doc. |
|--------|------|-------------------|-----------|---------------|----------------|
| Annual | Repo | rt                | 1859      | 1860          | 11             |
| 66     |      |                   | 1860      | 1861          | 12             |
| 66     | 66   |                   | 1861      | 1862          | 12             |
| 66     | 66   |                   | 1862      | 1863          | 13             |
| 66     | 66   |                   | 1863      | 1864          | 11             |
| 66     | 6.6  |                   | 1864      | 1865          | 5              |
| 66     | 66   |                   | 1865      | 1866          | 6              |
| 66     | 66   |                   | 1866      | 1867          | 8              |
| 66     | 66   |                   | 1867      | 1868          | 13             |
| 66     | 66   |                   | 1868      | 1869          | 11             |
| 66     | 66   |                   | 1869      | 1870          | 3              |
| 66     | 66   |                   | 1870      | 1871          | 11             |
| 66     | 6 6  |                   | 1871      | 1872          | 10             |
| 6.6    | 66   |                   | 1872      | 1873          | 13             |
| 6.6    | 66   |                   | 1873      | 1874          | 12             |
| 66     | 66   |                   | 1874      | 1875          | 17             |
|        | 66   |                   | 1875      | 1876          | 11             |
| 6.6    | 66   |                   | 1876      | 1877          | 13             |
| 66     | 66   |                   | 1877      | 1878          | 15             |
| 66     | 66   |                   | 1878      | 1879          | 11             |
| 66     | 66   |                   | 1879      | 1880          | 16             |
| 66     | 66   |                   | 1880      | 1881          | 19             |
| 6.6    | 6.6  |                   | 1881      | 1882          | 18             |
| 66     | 66   |                   | 1882      | 1883          | 16             |
| 66     | 8.6  |                   | 1883      | 1884 \        | 1.5            |
| 6.6    | 66   |                   | 1884      | 1885          | 43             |
| 6 6    | 6.6  |                   | 1885      | 1886          | 58             |
| 6.6    | 6 6  |                   | 1886      | 1887          | 69             |
| 66     | 66   |                   | 1887      | 1888          | 81             |
| 66     | 6.6  |                   | 1888      | 1889          | 129            |
| 66     | 6.6  |                   | 1889      | 1890          | 14             |
| 66     | 6.6  |                   | 1890      | 1891          | *              |

Sewer Department before 1891.

\* Published in Annual Report, Executive Department, Part II., City Document No. 1, 1891.

### Health Department before 1891.

Sanitary.

|                                                                                         | Year.                |    |                                                              |
|-----------------------------------------------------------------------------------------|----------------------|----|--------------------------------------------------------------|
| Ezra Forristall, Super<br>Joseph W. Coburn,<br>Ezra Forristall,<br>George W. Forristall | intende:<br>"'<br>"' | nt | 1853 to 1854<br>1854 to 1855<br>1855 to 1869<br>1869 to 1890 |

#### Health Department before 1891.

Sanitary.

|          |                                         | Year.                    | Year.               | No. of<br>Doc. |
|----------|-----------------------------------------|--------------------------|---------------------|----------------|
| Annual   | Report                                  | 1853                     | 1854                | 7              |
| " "      | · · · · · · · · · · · · · · · · · · ·   | 1854                     | 1855                | 6              |
| " "      | 66                                      | 1855                     | 1856                | 4              |
| 6.6      |                                         | 1856                     | 1857                | 4              |
| 4.4      | "                                       | 1857                     | 1858                | 4              |
| 66       | 66                                      | 1858                     | 1859                | 4              |
| 6.6      | "                                       | 1859                     | 1860                | 5              |
| " "      |                                         | 1860                     | 1861                | 6              |
| 66       |                                         | 1861                     | 1862                | 6<br>5         |
| 4.6      | 66                                      | 1862                     | 1863                | 5              |
| 66       | <i></i>                                 | 1863                     | 1864                | 4              |
| "        | <i></i>                                 | 1864                     | 1865                | 4              |
| 66       | "                                       | 1865                     | 1866                |                |
| 66       | 66                                      | 1866                     | 1867                | $\frac{8}{7}$  |
| 66       | · · · · · · · · · · · · · · · · · · ·   | 1867                     | 1868                | 8              |
| "        |                                         | 1868                     | 1869                | 12             |
| "        |                                         | 1869                     | 1869                | 12             |
| 66       | ««                                      | $1809 \\ 1870$           | 1870                | 10             |
| 66       | 46 ····                                 | 1870                     |                     |                |
| "        | *************************               | $1871 \\ 1872$           | 1872                | 17             |
| Annuals  |                                         | 1872                     | 1873                | 40             |
|          | report from 1873 to 1884 inclusive; the |                          |                     |                |
|          | intendent's report was embodied in the  | 100*                     | 1000                | 1.00           |
|          | of the Board of Health                  | 1885                     | 1886                | 45             |
| annuar . | Report                                  | 1886                     | 1887                | 22             |
| "        | 66                                      | 1887                     | 1888                | 16             |
|          | £6                                      | 1888                     | 1889                | 23             |
|          | 66                                      | $     1889 \\     1890 $ | $\frac{1890}{1891}$ | 21<br>*        |

\* Published in Annual Report, Executive Department, Part II., City Document No. 1, 1891.

# STREET DEPARTMENT.

#### Commissioners of Cambridge Bridges before 1891.

(West Boston, Canal, and Prison Point.)

| NAME.                                                                                     | Year.                               |  |  |
|-------------------------------------------------------------------------------------------|-------------------------------------|--|--|
| Frederic W. Lincoln, Commissioner for Boston { Ezra Parmenter, Commissioner for Cambridge | May 22, 1871, to<br>March, 1891.    |  |  |
| Ezra Parmenter, Commissioner for Cambridge                                                | June 14, 1871, to<br>Jan. 31, 1883. |  |  |
| William J. Marvin, Commissioner for Cambridge                                             | March 28, 1883, to<br>present time. |  |  |

Harvard Bridge added in 1892.

### Commissioners of Cambridge Bridges before 1891.

|        |      | NAME OF DOCUMENT. | For<br>Year. | Pub.<br>Year. | No. of<br>Doc.  |
|--------|------|-------------------|--------------|---------------|-----------------|
| Annual | Repo | rt                | 1871         | 1872          | 19              |
| 6.6    | 66   |                   | 1872         | 1873          | 12              |
| 6.6    | 66   |                   | 1873         | 1874          | 16              |
| 66     | 66   |                   | 1874         | 1875          | 23              |
| 66     | 6.6  |                   | 1875         | 1876          | 20              |
| 6 6    | 66   |                   | 1876         | 1877          | 12              |
| 66     | 66   |                   | 1877         | 1878          | 10              |
| 66     | 66   |                   | 1878         | 1879          | 8               |
| 6.6    | 6 6  |                   | 1879         | 1880          | 12              |
| 66     | 66   |                   | 1880         | 1881          | 8               |
| 66     | 66   |                   | 1881         | 1882          | 15              |
| 6 6    | 6.6  |                   | 1882         | 1883          | 15              |
| 6.6    | 66   |                   | 1883         | 1884          | 19              |
| 66     | 66   |                   | 1884         | 1885          | 8               |
| 66     | ۲ د  |                   | 1885         | 1886          | 12              |
| 66     | 66   |                   | 1886         | 1887          | 19              |
| 66     | 66   |                   | 1887         | 1888          | 25              |
| "      | 66   |                   | 1888         | 1889          | 22              |
| 6.6    | 66   |                   | 1889         | 1890          | $\frac{22}{20}$ |
| 66     | "    |                   | 1890         | 1891          | *               |

(West Boston, Canal, and Prison Point.)

\* Published in Annual Report, Executive Department, Part I., City Document No. 1, 1891.

#### Street Department since 1891.

Superintendent.

Henry H. Carter, Member American Society Civil Engineers.

Resigned, December 8, 1894.

Char'es R. Cutter, Acting Superintendent from December 8, 1894, to Janua: y 14, 1895.

Member of the Boston Society Civil Engineers.

Bertrand T. Wheeler, Superintendent from January 14, 1895, to the present time.

Member of the Boston Society Civil Engineers.

Executive Engineer.

Henry B. Wood, Member Boston Society Civil Engineers.

PAVING DIVISION .- Charles R. Cutter, Deputy Superintendent until January 24, 1895. PAVING DIVISION.— Darius N. Payson, Deputy Superintendent from Janu-

ary 24, 1895, to the present time. SEWER DIVISION.— Henry W. Sanborn, Deputy Superintendent.

Member Philadelphia Society Civil Engineers. SANITARY DIVISION.— George W. Forristall, \* Deputy Superintendent. SANITARY DIVISION.— Philip A. Jackson, Acting Deputy Superintendent since January 16, 1894.

STREET-CLEANING DIVISION. – Philip A. Jackson. BRIDGE DIVISION. – John A. McLaughlin, Deputy Superintendent.

BOSTON AND CAMBRIDGE BRIDGES. — Henry H. Carter, Ex-officio, Commis-sioner for Boston until December 8, 1894.

Charles R. Cutter, Acting, from December 8, 1894, to January 14, 1895.

Bertrand T. Wheeler, since January 14, 1895.

William J. Marvin, Commissioner for Cambridge.

\* Died January 12, 1894.

#### Street Department.

| NAME OF DOCUMENT. |         |           |            |           |       | Pub.<br>Year. | No. of<br>Doc. |
|-------------------|---------|-----------|------------|-----------|-------|---------------|----------------|
| Annual            | Report, | Executive | Department | Part II   | 1891  | 1892          | 36             |
| 4.6               | Î.      | 66        | - c c      | · · · ·   | 1892  | 1893          | 34             |
| 66                | 66      | 6.6       | 6.6        | · · · · · | .1893 | 1894          | 34             |
| 66                | 6.6     | 6.6       | 56         |           | 1894  | 1895          | 34             |

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