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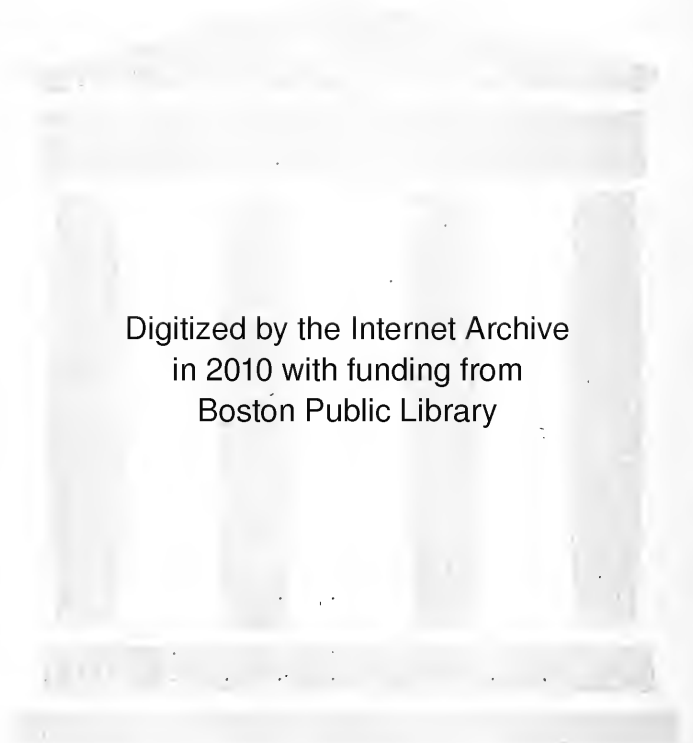
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ANNUAL REPORT

OF THE

FIRE DEPARTMENT
AND WIRE DIVISION

OF THE

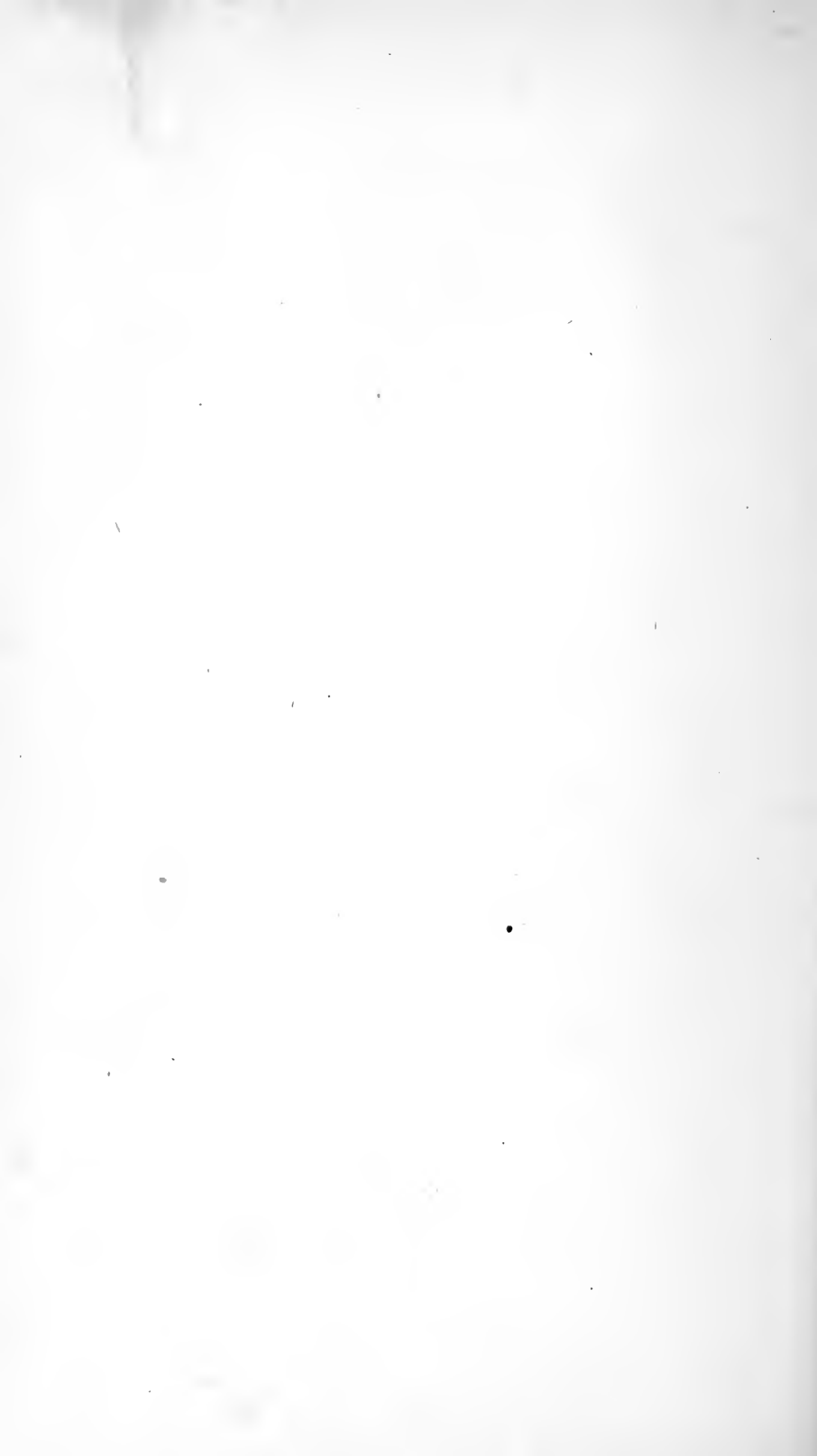
CITY OF BOSTON

FOR THE

YEAR ENDING DECEMBER 31, 1925



CITY OF BOSTON
PRINTING DEPARTMENT
1926





ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1925.

Boston, July 15, 1926.

HON. MALCOLM E. NICHOLS,
Mayor of the City of Boston.

DEAR SIR,—The Fire Department made no report for the year ending December 31, 1925, as required by the provisions of section 24, chapter 4, of the Revised Ordinances of 1925. I have therefore compiled the attached reports in order that the records of the department may be complete.

Very truly yours,

EUGENE C. HULTMAN,
Fire Commissioner.

REPORT OF CHIEF OF DEPARTMENT.

BOSTON, January 1, 1926.

FROM: THE CHIEF OF DEPARTMENT.
 TO: THE FIRE COMMISSIONER.
 SUBJECT: ANNUAL REPORT.

I beg to submit the following summary of activities of the department in general for the fiscal year (eleven months) of 1925:

FIRE LOSS.

Loss (exclusive of marine loss)	\$5,407,069 92
Marine loss	45,224 95
	<u> </u>
Total loss	<u>\$5,452,294 87</u>
Number of alarms	7,702
Average loss each alarm	\$707 90
Number of actual fires	6,268
Average loss each fire	\$870 70

ADDITIONS AND CHANGES.

Apparatus.

May 19, 1925, an American-LaFrance Type 17 four-wheel tractor was placed in service with Ladder Company 17. Weight, fully equipped, without men, 17,000 pounds, seventy-two horse power. This replaced a Christie tractor which was placed in reserve.

May 21, 1925, an American-LaFrance 750-gallon combination pumper and hose motor car was placed in service with Engine Company 11. Weight, fully equipped, without men, 12,000 pounds, seventy-two horse power. This replaced a piece of apparatus of the same type.

May 22, 1925, an American-LaFrance 750-gallon combination pumper and hose motor car was placed in service with Engine Company 36. Weight, fully equipped, without men, 12,000 pounds, seventy-two horse power. This replaced a Christie tractor-drawn steam fire engine.

May 23, 1925, an American-LaFrance 750-gallon combination pumper and hose motor car was placed in service with Engine Company 14. Weight, fully

equipped, without men, 12,000 pounds, seventy-two horse power. This replaced a piece of apparatus of the same type.

May 23, 1925, an American-LaFrance combination hose and chemical car was placed in service with Engine Company 14. Weight, fully equipped, without men, 10,500 pounds, seventy-two horse power. This installation makes this a two-unit company.

May 23, 1925, an American-LaFrance Type 17 four-wheel tractor was placed in service with Ladder Company 11. Weight, fully equipped, without men, 17,000 pounds, seventy-two horse power. This replaced an American-LaFrance city service truck which was later assigned to Ladder Company 6.

May 25, 1925, an American-LaFrance 750-gallon combination pumper and hose motor car was placed in service with Engine Company 8. Weight, fully equipped, without men, 12,000 pounds, seventy-two horse power. This replaced a Christie tractor-drawn steam fire engine.

May 25, 1925, an American-LaFrance combination hose and chemical car was placed in service with Engine Company 43. Weight, fully equipped, without men, 10,500 pounds, seventy-two horse power. This replaced a Velie combination hose and chemical car.

July 11, 1925, an American-LaFrance Type 17 four-wheel tractor was attached to truck formerly at Ladder 17 and placed in service at Ladder Company 26. Weight, fully equipped, without men, 17,000 pounds, seventy-two horse power. This replaced an American-LaFrance city service truck which was placed in service at Ladder Company 22.

November 2, 1925, an American-LaFrance Type 75 chassis, with Foamite Childs equipment installed, including Foamite tanks, etc., was placed in service at the quarters of Water Tower 2 as a new unit. Weight, fully equipped without men, 11,000 pounds, seventy-two horse power.

November 17, 1925, an American-LaFrance Type 17 four-wheel tractor was received from the manufacturer and will later be attached to Ladder Company 18. Weight, fully equipped, without men, 17,000 pounds, seventy-two horse power.

November 23, 1925, a Ford one-ton truck, equipped with a Kohler power and light plant, 2,000 watt, was installed and assigned to the Fire Alarm Branch. This apparatus will be used at fires to supply lights.

Apparatus Reassigned.

June 4, 1925, an American-LaFrance Type 14 city service truck was placed in service with Ladder Company 6. This replaced a Christie tractor-drawn truck.

June 9, 1925, an American-LaFrance Type 14 city service truck was placed in service with Ladder Company 22. This replaced a Christie tractor-drawn truck.

July 1, 1925, a Christie tractor-drawn steam fire engine was taken from reserve and placed in service with Engine Company 25, replacing a piece of apparatus of the same type.

October 9, 1925, the American-LaFrance 750-gallon combination pumper and hose motor car formerly in service at Engine Company 35 was placed in service at Engine 4, replacing Christie tractor-drawn steam fire engine. On December 21, 1925, this same American-LaFrance pumper was placed in service at Engine Company 3, replacing a Christie tractor-drawn steam fire engine. The Christie tractor-drawn steam fire engine formerly in service at Engine Company 4 was placed back in service at that company.

Chiefs' Automobiles.

Three new Buick touring cars were purchased for the use of the Deputy Chiefs of Divisions 2 and 3, and the Superintendent of the Fire Alarm Branch; also five Buick roadsters for the use of various District Chiefs, Supervisor of Motor Apparatus and the Medical Examiner, replacing vehicles worn out through constant service.

BUILDINGS.

The following new and alteration work has been completed during the fiscal year (eleven months) ending December 31, 1925:

The new Fire Alarm Signal Station was completed and put into operation during the year. Located in the Fenway, opposite Westland avenue, away from all possible fire hazards, it assures the citizens of Boston adequate fire alarm protection for many years to come. It is really the finest building of its kind in the entire world. Provisions have been made in this building whereby in the event of the annexation of any city or town, connections may be made and our fire alarm system extended into that city or town within twenty-four hours from the time of annexation.

At Engine 22, Warren avenue, South End, renovating and enlarging deputy and district chiefs' quarters, installing shower baths, toilet, wash stand, relocating the lockers, etc.

At Engine 3, Harrison avenue and Bristol street, South End, installing new house heater, building rear wall in boiler pit, waterproofing entire pit, smoke pipe work, etc.

At Engine 32, Bunker Hill street, Charlestown, rebuilding chimney and wall.

At Engine 51, Oak square, Brighton, drainage system repaired.

Engine 52, Callender and Lyford streets, Dorchester, taking down and rebuilding side wall, repairing floor, etc.

At Ladder 19, Fourth street, South Boston, taking down and rebuilding rear wall of building.

At Ladder 5, Dorchester and Fourth streets, South Boston, rebuilding main door opening and installing new main doors.

At Engine 12, Dudley street, Roxbury, installing oil burner and smoke pipe work.

At Engine 2, O and Fourth streets, South Boston, installing new heater, smoke pipe work, etc.

At Engine 34, Western avenue, Brighton, rebuilding chimney, removing horse stalls, drains and all unsanitary plumbing, installing new soapstone sink, toilet, etc., in rear main floor, installing radiators, building brick piers, etc.

The following work is incomplete at this date:

Engine 21, Annabel street and Columbia road, new quarters.

Engine 26, new quarters, in abeyance.

Ladder 17, Harrison avenue, complete renovation.

Ladder 12, Tremont street, renovation of second floor.

TOOLS AND APPLIANCES.

During the year two additional Ross thawing devices were purchased and installed on pumpers in the department. This device has proven very efficient in thawing out frozen hydrants.

Seven P. & Q. door openers were purchased and placed in service with Ladder Companies 1, 4, 8, 13, 17, 18 and Rescue Company 1. After a trial of several months these tools have proven to be very valuable instruments and superior to anything in that line that we have had in service in the department.

The following life-saving devices were installed during the year:

- Pulmotor at Ladder Company 9.
- Lungmotors at Ladder Companies 19 and 28.
- Inhalator at Rescue Company 1.

APPARATUS AND EQUIPMENT.

Thorough inspections and tests of apparatus, equipment and hose were conducted at various times during the year, and where defects were found, replacements or repairs were made immediately, so that the efficiency of the department might be maintained at all times.

BUILDING INSPECTION.

The regular practice of systematic weekly inspections by officers was carried out through the year, as it has been our experience that constant attention in this regard is essential in view of the fact that a great many property owners, as well as tenants, disregard the warnings of this department to correct hazardous conditions and to comply with the City Ordinances. It is only in this manner that the safety of tenants and employees can be assured.

Theaters, moving picture houses and halls were inspected weekly, particular attention being given to the condition of fire-extinguishing appliances, as in a great many instances in the past the owners of these particular types of structures have been prone to neglect this phase of protection for their patrons.

All public buildings and schoolhouses were inspected monthly, and conditions as found were reported through channels to department headquarters. Whenever defective conditions were noted, immediate steps were taken to remedy same.

The regular inspections in the various districts were made by the district fire prevention inspectors.

The following is a summary of the activities of the Bureau of Building Survey and Inspection Division of the Uniform Force which was put into operation on February 25, 1925:

Building surveys	3,358
Reinspections	1,172
Stables	522
<i>Carried forward</i>	<u>5,052</u>

FIRE DEPARTMENT.

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<i>Brought forward</i>	5,052
Garages	793
Personal inspections	421
Conditions remedied by personal contact	1,115
Reports to State Fire Marshal	192
Reports to Building Department	207
 Total	 <u>7,780</u>

Included among the building surveys made were the following hazards: Hospitals, motion picture film exchanges, acetylene gas manufacturing plants, dyestuffs, chemicals, wholesale druggists, paints and oils, oil factories, storage of petroleum products. Warehouses: Boots and shoes, leather, cotton, wool, furniture, grocery, cold storage, public storehouses, grain elevators, paper and cardboard. Factories: Cotton, shoe, rubber goods, candy, piano, organ, furniture, box paper, box wood, clothing, oil clothing, button, machine shops and foundries. Stables.

It has been the experience of this Bureau that by personal contact with owners, an explanation of what was wanted and the reasons therefor usually met with hearty co-operation, and it was found necessary to refer but few cases to the State Fire Marshal for the enforcement of the laws involved.

MUTUAL AID.

The department responded to forty-one (41) alarms of fire outside of the city limits, divided as follows:

Winthrop	1
Nahant	1
Everett	1
Newton	1
Somerville	12
Milton	25

It is a source of gratification to note that a great deal of good has resulted by this plan of interchange of service in time of urgent necessity.

DRILL SCHOOL.

During the year thirty-two (32) appointees successfully passed the intensive course of instruction in the Department Drill School, together with nine members from other departments. There were also three officers

from other fire departments who attended the Drill School and qualified to act as instructors in their own departments.

FIRE COLLEGE.

Ninety-six (96) officers from this department and several officers from suburban departments attended the sessions of the Fire College and practically every subject in the fire service was treated upon in this course. At the completion of the college during the coming spring, every officer in the department, both captains and lieutenants, will have attended the course of instructions.

FIRE PREVENTION WEEK.

Fire Prevention Week was observed in this city during the week of October 4 to 11, 1925. Fire stations were open to the public between the hours of 12 and 9 p. m. for inspection and information as to how the department functions and on fire prevention matters, as well as for instructions as to the proper method of sending in an alarm of fire. All schools were visited by a district chief or an officer assigned by him and addresses made to the pupils on the subject of fire and prevention of fire, and fire drills were also held. A number of posters were distributed throughout the city and were displayed on fire stations and in other prominent places calling attention to the importance of fire prevention; in fact, every effort was made to impress upon the general public the necessity of taking every precaution against fire, not only as regards their places of business or employment, but in their homes as well.

HYDRANTS.

The following is a list of the hydrants in service for fire purposes, as of December 31, 1925, showing the number and different types of same:

Ordinary post	4,207
Boston post	3,089
Lowry	1,287
Boston Lowry	515
Bachelor and Finneran post	1,125
High pressure	441
Boston	250
	<hr/>
<i>Carried forward</i>	10,914

<i>Brought forward</i>	10,914
Chapman post	182
Ludlow post	20
Matthew post	4
Coffin post	1
Total	<u>11,121</u>

HIGH PRESSURE SYSTEM.

The records of our two high pressure stations for the year are as follows:

	Station No. 1.	Station No. 2.
Total alarms to which pumps responded	218	124
Total time pumps actually operated	74 hours, 52 minutes	36 hours, 42 minutes
Water discharge recorded on Venturi meters.	589,000 gallons	330,000 gallons

(Owing to the construction of the Venturi meters, they do not record flows under 600 gallons per minute.)

During the year 1925, the High Pressure Fire System has been extended into the following streets:

- Fulton street, Clinton to Lewis streets.
- Lewis street, Fulton to Commercial streets.
- Atlantic avenue, Essex to Summer streets.
- Summer street, Purchase street to Atlantic avenue.
- Richmond street, North street to Atlantic avenue.
- Batterymarch street, Water to Milk streets.

Including the above mentioned work, the High Pressure System now includes 16.50 miles of piping and 441 High Pressure Fire Hydrants.

The continued excellent work performed by this system during the past year has again demonstrated what a necessary adjunct it is to the fire-fighting force in the extinguishment of fires in the high value section of the city.

RECOMMENDATIONS.

Apparatus.

I earnestly recommend the purchase of the following major motor-driven fire-fighting apparatus, to be located as specified below:

Engine 3, Harrison Avenue and Bris'ol Street, South End.— One 750-gallon pumper to replace Christie tractor-drawn steam fire engine.

Engine 4, Bulfinch Street, West End.— One 750-gallon pumper to replace Christie tractor-drawn steam fire engine.

Engine 25, Fort Hill Square, City Proper.— One 750-gallon pumper to replace Christie tractor-drawn steam fire engine.

Engine 38, Congress Street, South Boston.— One 750-gallon pumper to replace Christie tractor-drawn steam fire engine.

I further recommend the purchase of two 750-gallon pumpers to be used for Reserve Service and eventually replace Engine 32, Bunker Hill street, Charlestown, and Engine 28, Centre street, Jamaica Plain.

Engine 18, Harvard Street, Dorchester.— One combination chemical and hose car to replace similar apparatus practically worn out in service and which should be overhauled and placed in reserve.

Engine 46, Peabody Square, Ashmont.— One combination chemical and hose car to replace similar apparatus practically worn out in service and which should be overhauled and placed in reserve.

Engine 30, Centre Street, West Roxbury.— One combination chemical and hose car. This installation required to make this a double-unit company.

Engine 32, Bunker Hill Street, Charlestown.— One combination chemical and hose car. This installation required to make this a double-unit company.

Engine 49, Milton and Hamilton Streets, Readville.— One combination chemical and hose car. This installation required to make this a double-unit company.

Engine 53, Walk Hill Street, Forest Hills.— One combination chemical and hose car. This installation required to make this a double-unit company.

Ladder 3, Harrison Avenue and Bristol Street, South End.— One 85-foot aerial truck to replace Christie tractor city service truck now inadequate to meet conditions in this district.

Ladder 23, Washington Street, Grove Hall.— One 85-foot aerial truck to replace American-LaFrance city service truck now inadequate to meet conditions in this district. The apparatus displaced will be reassigned to another company to replace Christie tractor city service truck requiring immediate replacement.

Ladder 31, Saratoga Street, East Boston.— One 85-foot aerial truck to be installed at the quarters of Chemical 7 and a new company to be formed to be known as Ladder 31. Chemical 7 would be disbanded and the Seagrave

wagon now in service there assigned to Engine 11 making this a double-unit company. The installation of this aerial truck is required to meet the conditions in this district and is recommended by the National Board of Fire Underwriters in their 1925 report on City of Boston.

Ladder 6, River Street, Dorchester Lower Mills.— One city service truck to replace similar piece of apparatus which has been in service a great many years and which should be overhauled and placed in reserve.

Ladder 20, Andrew Square, South Boston.— One city service truck to replace Christie tractor-drawn truck which is practically worn out in service.

Ladder 21, Saratoga Street, East Boston.— One city service truck to replace similar type of apparatus which has been in service a great many years and which should be overhauled and placed in reserve.

Ladder 25, Centre Street, West Roxbury.— One City service truck to replace Christie tractor-drawn truck which is practically worn out in service.

Ladder 30, Washington Street, Egleston Square.— One city service truck to replace similar type of apparatus which has been in service a great many years and should be overhauled and placed in reserve.

Tower 1, Fort Hill Square, City Proper.— One Type 17, four-wheel tractor with rear end tiller attachment to replace American and British tractor, the manufacturer of this tractor having long since gone out of business and no parts for repairs being available. It is essential that rear end tiller attachment be installed because the water towers have an extra long wheel base and are difficult to manoeuvre in our narrow streets and in the increased traffic conditions.

Tower 3, Pittsburgh Street, South Boston.— One Type 17, four-wheel tractor with rear end tiller attachment to replace American and British tractor for same reasons applying to Tower 1.

I would further recommend the purchase of three Type 17, four-wheel tractors to be attached to aerial trucks in reserve service which are now equipped with worn out Christie tractors. The trucks themselves are in good condition and will make an excellent spare unit with new tractor attached.

New Buildings.

I recommend the erection of a new station in the vicinity of Broadway and L street, South Boston, to house Engine 2 and Ladder 19. No doubt in the near

future, the territory along Summer and L streets will be built up with manufacturing and mercantile buildings requiring proper fire protection on our part. By building of new quarters for these two companies we could dispense with the present stations of Engine 2 and Ladder 19, both old houses and not in the best of condition.

I would also recommend that new quarters be erected for Engine 17 and Ladder 7, in the vicinity of Eaton square, Dorchester district, which is the most advantageous location to afford proper protection in that section.

I would also recommend that a new fire station be located in the Aberdeen section of Brighton, as that part of the city is being built up rapidly with apartment houses, and is in need of adequate fire protection.

I would also recommend the erection of a new house in the West Roxbury district in the vicinity of Washington and La Grange streets, to provide better fire protection for that part of the district.

I would further recommend that consideration be given to the removal of Engine 4 from its present quarters on Bulfinch street, and that a new house be built in the vicinity of Court or Cambridge streets, thereby permitting the disposal of the Bulfinch street property, and affording better fire protection to that section of the city.

Remodeling, Fireproofing, Etc.

Engine 29 and Ladder 11, Chestnut Hill Avenue, Brighton.—Renovate and fireproofing of floor, walls and ceiling. Special reason for doing this work to lower main floor, thus giving more headroom for proper storage of new 85-foot aerial ladder truck now assigned at these quarters.

Engine 6, Leverett Street, West End.—This building should be thoroughly renovated to provide better living quarters for the members stationed there. There is no doubt but what this house will remain in its present location for many years.

Engine 22 and Ladder 13, Warren Avenue, South End.—Second and third floors of these quarters should be renovated. In my opinion all the officers' quarters should be located on the second floor and proper sleeping quarters provided for the men.

Engine 42 and Ladder 30, Washington Street, Egleston

Square.— I suggest that consideration be given to the addition of another story to this station to provide more room and better living conditions at these quarters. At the time this house was built it was intended to be occupied by one company. At the present time there are two companies located there and the way the house is constructed it is not adapted for that purpose. Fireproofing, floor, walls and ceiling; alterations on second floor.

The main floors at the following quarters should be fireproofed:

Engine 3 and Ladder 3.	Engine 4.
Engine 9 and Ladder 2.	Engine 11 and Ladder 21.
Engine 13.	Engine 16.
Engine 18.	Engine 19.
Engine 20 and Ladder 27.	Engine 22 and Ladder 13.
Engine 23.	Engine 24.
Engine 36 and Ladder 22.	Engine 37 and Ladder 26.
Engine 42 and Ladder 30.	Engine 45 and Ladder 16.
Engine 48 and Ladder 28.	Ladder 6.
Ladder 9.	Ladder 12.
Ladder 23.	Ladder 24.

Chemical 7.

CONCLUSION.

To the Boston Board of Fire Underwriters, the National Board of Fire Underwriters, the New England Insurance Exchange and the National Fire Protection Association, who so kindly co-operated with this department in the carrying out of many progressive measures, I wish to extend my sincere appreciation. Also I wish to extend my thanks to the various municipal departments, public service corporations and the Boston Protective Department, which rendered such valuable service during the past year.

Finally, to the members of the department who so devotedly and efficiently performed their many difficult and at times hazardous duties, I desire to express my heartfelt gratitude, and it is my hope that the department will continue to maintain its position among the leading fire departments in the entire world, by rendering the same high standard of service as in the past.

Respectfully,

DANIEL F. SENNOTT,
Chief of Department.

ANNUAL REPORT OF FIRE ALARM DIVISION.

FROM: THE SUPERINTENDENT OF FIRE ALARM DIVISION.
 TO: THE FIRE COMMISSIONER.
 SUBJECT: ANNUAL REPORT OF FIRE ALARM DIVISION, 1925.

I submit herewith the annual report of the Fire Alarm Division from February 1, 1925, to December 31, 1925.

OPERATING RECORDS.

NOTE.— These records are for the calendar year ending December 31, 1925.

First alarms	3,748
Second alarms	73
Third alarms	34
Fourth alarms	10
Fifth alarms	1
Total	<u>3,866</u>

BOX ALARMS RECEIVED BUT NOT TRANSMITTED.

Same box received two or more times for same fire	338
Adjacent boxes received for same fire	273
Received from boxes but treated as stills	13
Total	<u>624</u>

STILL ALARMS RECEIVED AND TRANSMITTED.

Received from citizens (by telephone)	2,388
Received from Police Department (by telephone)	308
Received from Fire Department stations	1,268
Received from boxes but treated as stills	13
Mutual aid alarms, adjacent cities and towns classed as stills	42
Emergency services treated as stills	84
Total	<u>4,103</u>

Still alarms received by telephone for which box alarms were later transmitted	257
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AUTOMATIC AND A. D. T. ALARMS.

Boston Automatic Fire Alarm Company:	
Transmitted by company to department stations	139
Department box alarms transmitted in connection with same:	
Before automatic alarm	8
After automatic alarm	6
A. D. T. Company:	
Received at Fire Alarm Office	40
Department box alarms transmitted in connection with same:	
Before A. D. T. alarm was received	9
After A. D. T. alarm was transmitted	2
Received after still alarms were transmitted	2
A. D. T. alarms transmitted to department	29

SUMMARY OF ALARMS.

Alarms received:	
Box alarms, including multiples	4,490
Still alarms, all classes	4,103
Boston automatic alarms	139
A. D. T. alarms	40
	<hr/>
Total received from all sources	<u>8,772</u>

Exclude following duplications:	
Box alarms received but not transmitted	624
Still alarms for which box alarms were transmitted	257
Automatic alarms for which box alarms were transmitted	14
A. D. T. alarms for which other alarms were previously transmitted	11
	<hr/>
Total duplications eliminated	<u>906</u>

Total alarms, with duplications eliminated, to which apparatus responded	7,866
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FIRE ALARM BOX RECORDS.

Boxes from which no alarms were received	412
Box tests and inspections	9,132

(NOTE: All keyless doors are tested weekly.)

NEW FIRE ALARM HEADQUARTERS.

The new building in the Fens now serving as fire alarm headquarters, which was started in April, 1924, was officially accepted by the city July 1, 1925. The

Gamewell Company began the installation of fire alarm apparatus in May and the work was completed in December. On September 17 official dedication ceremonies were held and on Sunday, December 27, 1925, the new headquarters was put in service and the old Bristol street office, which had been in service for thirty years, was abandoned. At 8 a. m., December 27, 1925, the time designated for the cut-over, an alarm was received from Box 2328 (pulled by the Aide-to-Commissioner) and was transmitted to the department by Fire Commissioner Theodore A. Glynn.

The City of Boston now has the distinction of having the best fire alarm headquarters in the country. No expense was spared in making the building as near ideal as possible, the site could not be improved upon and the equipment is entirely new and contains all the latest features. Before plans were made many of the latest fire alarm stations in the country were inspected. Not only were the latest developments noted but the mistakes made by others as well, and this system profited thereby. Sufficient space for future growth is not an unimportant feature of the new building. Great credit is due to all concerned for the results accomplished, but especially to Mayor James M. Curley and Fire Commissioner Theodore A. Glynn for their broad-minded policies.

TELEPHONE SYSTEM.

The old obsolete magneto type telephone system was replaced by a modern common battery system with ten trunk lines (dial system) to Kenmore Exchange and two trunk lines to Roxbury Exchange (manual operation). Special lines are provided for connection with Police Headquarters, the Edison Electric Illuminating Company, the A. D. T. Company, Protective Department and Boston Automatic Fire Alarm Company. A less number of instruments are connected to individual department lines than formerly.

In the old system all outside conductors used in telephone system were owned and maintained by this department which caused a division of responsibility when trouble occurred; now the entire telephone system is maintained by the Telephone Company. Over two hundred miles of conductors formerly used for telephone purposes are now available for fire alarm service. Cir-

cuits for trunks and for department lines are about equally divided in two cables, following different routes from headquarters to the telephone exchange where lines to different sections of the city are connected.

CABLE SYSTEM.

Eight main cables are terminated at fire alarm headquarters. These cables follow three different routes from the building. Circuits are so arranged that none enters and leaves in the same cable. This is an important feature in the maintenance of fire alarm service.

REGULAR WORK.

Because of the large amount of work required in carrying circuits into the new headquarters, no extensive additions and changes were made in the system. In underground work 2,257 feet of conduits were laid and about 20,000 feet of cable was installed; 17 box posts and 3 cable test posts were set; 11 box posts damaged by vehicles were replaced with new posts and damaged parts of 42 other posts were replaced; 7 posts were relocated because of change in street lines; 1 test post was replaced with a new type post and one was removed from service. Four new manholes were built.

This department installed 15 fire alarm boxes, the Schoolhouse Department installed 5 boxes and 4 were installed on private property. Six boxes were removed from service and all boxes were painted. The usual amount of additions and changes were made in station electrical equipments.

UNDERGROUND CABLES INSTALLED.

Charlestown.

	Cond.	Feet.
Bunker Hill street, from Engine 32 house to School street	10	2,485
Bunker Hill street, from School street to Carney street	6	775
Bunker Hill street, Short street and Medford street from Engine 32 house to Chappie street	6	915
Cook street, from Bunker Hill street to Medford street	6	721
Post connections	15	295
Post connections	10	90

City Proper.

	Cond.	Feet.
Tremont street, from Clarendon street to Compton street	10	1,119
Post connections	61	102
Post connections	10	155
Post connections	6	650
Post connections	4	1,145

South Boston.

Pole connections	10	495
Pole connections	4	1,210

Dorchester.

Washington street, from Ashmont street to Rockwell street	10	325
Pole connections	6	401
Pole connections	4	300

Hyde Park.

Pole connections	19	225
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Roxbury.

Sherborn street, from Commonwealth avenue to Bay State road	10	436
Kilmarnock street, from Peterboro street to Audubon road	6	940
Post and pole connections	19	530
Post and pole connections	10	125
Post and pole connections	6	180

West Roxbury.

Spring street, from Centre street to Baker street	10	2,542
Centre street, from Cass street to Grove street	6	2,539
Pole connection	4	125

Brighton.

Academy Hill road, from Washington street to Engine 29	37	375
Post and pole connections	10	150
Post and pole connections	6	332
Post and pole connections	4	345

FIRE DEPARTMENT.

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BOX POSTS INSTALLED WITH DUCT LENGTHS.

Charlestown.

	Feet.
Alford street and Arlington avenue	29
Bunker Hill and School streets	18
Bunker Hill and Sackville streets	37
Bunker Hill and St. Martin streets	14
Medford street, opposite Belmont street	16
Medford street, opposite Chappie street	37

South Boston.

East Sixth and L streets	11
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Dorchester.

Oakland street, opposite Rosewood street	20
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City Proper.

Westland avenue, near No. 41	20
Rutland street, near Newland street	22

Roxbury.

Bay State road and Sherborn street	34
Boylston street and Audubon road	76
Kilmarnock street and Audubon road	220
Warren and Brunswick streets	13

West Roxbury.

Centre and Baker streets	41
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Brighton.

Warren street and Woodstock avenue	21
Allston street and Bellevista road	5

BOX POSTS RESET.

(Broken by Vehicles.)

- Washington and West streets.
- Shawmut avenue and Worcester street.
- Sheridan square.
- Huntington avenue and Forsyth street.
- Beacon street and Massachusetts avenue.
- Boylston street and Massachusetts avenue.
- Walnut avenue and Dale street.
- Washington and Burnett streets.
- Centre and Church streets.
- Commonwealth avenue and St. Paul street.
- Union square.

Forty-two other posts were damaged by automobiles which required replacement of parts in top section of posts.

(Relocated — Change of Curb.)

	Feet.
Bowdoin square	17
Tremont and Church streets (signal post)	31
Tremont and Stuart streets (signal post). Peterboro and Kilmarnock streets.	
Chestnut Hill avenue and South street	20
Commonwealth avenue and Foster street.	

NEW TEST POST.

Dorchester avenue and Codman street.	
Washington street and Academy Hill road.	
Bunker Hill and Sullivan streets	13

TEST POST REMOVED.

Washington and Bartlett streets.

TEST POST RELOCATED.

Cambridge street, opposite Bowdoin street (4 ducts) .	12
---	----

TEST POSTS REPLACED.

Tremont and Compton streets (new type).

BUILDING CONNECTIONS.

To Ladder 19, through Emerson street	189
To Engine 29, through Academy Hill road	355
To Police Headquarters, Berkeley street	66

NEW MANHOLES.

Emerson street, rear Ladder 19.
Academy Hill road (2).
Spring and Gardner streets.

DUCTS REPLACED.

Stoddard street (change of grade)	62
Battery Wharf	20
To Box 1412, Dewey square	83
To Box 1481, Washington and Hollis streets	10
To Box 231, Beacon street and Charlesgate West	33

NEW POLE CONNECTIONS.

Saratoga and Bayswater streets	364
Bunker Hill and School streets	157
Pope's Hill street, at Neponset avenue	118
Oakland street and Richmond road	182
Spring and Gardner streets	54
Centre and Baker streets	56
Centre and Grove streets	26
Longwood avenue and Vila street	120

DUCTS ABANDONED.

	Feet.
Alford and Arlington street (pole connection)	27
Bunker Hill, at Trenton street (pole connection)	44
Medford street, at Cook street (pole connection)	87
Washington and Bartlett streets (2 ducts to test post), Cambridge street, at Stoddard street (building con- nection)	25 85
Spring street, at Centre street (pole connection)	162

PUBLIC FIRE ALARM BOXES INSTALLED.

- 2172. Warren and Brunswick streets.
- 2318. Bay State road and Sherborn street.
- 2328. Westland avenue, near No. 41.
- 2344. Boylston street and Audubon road.
- 2347. Kilmarnock street and Audubon road.
- 2635. Centre and Baker streets.
- 2737. Weld street and Chilton road.
- 2757. Baker and Lasell streets.
- 2772. Gardner street and Gardner place.
- 3458. Pope's Hill and Houghton streets.
- 3461. Freeport and Conley streets.
- 5178. Foster street and Lane park.
- 692. Boardman and Leyden streets.
- 695. Bayswater and Gold Star streets.
- 696. Bayswater street and Wauppello road.

SCHOOLHOUSE BOXES INSTALLED.

- 2563. Washington Irving School, Poplar street.
- 3296. Lucy Stone School, Park street, near Washington street.
- 3368. Dorchester High School for Boys, Dunbar avenue.
- 529. James A. Garfield School, Oakland street.
- 68. Dante Alighieri School, Gove street.

PRIVATE FIRE ALARM BOXES INSTALLED.

- 1279. State Street Trust Company.
- 1484. Boston Dispensary, Bennet street.
- 3232. St. Mary's Infant Asylum, Jerome street (re-
established).
- 669. Boston Airport.

FIRE ALARM BOXES REMOVED FROM SERVICE.

- 1264. Parker House (temporarily).
- 1352. Massachusetts General Hospital, Allen street gate.
- 1442. Orpheum Theatre.
- 1453. Boston Theatre.
- 1533. Park Square Theatre.
- 2393. Highland Spring Brewery, Terrace street.

FIRE ALARM BOXES IN SERVICE.

Total number	1,340
Owned by Fire Department	938
Owned by Schoolhouse Department	233
Owned by Boston Automatic Fire Alarm Company	57
Privately owned	112

DEPARTMENT BOXES.

On box posts	540
On poles	379
On buildings	15
In buildings	4
Equipped with keyless doors (bell ringing attachment),	883
Equipped with "quick action" doors	1
Equipped with keyless doors (glass guards)	47
Equipped with key doors	7
Equipped with auxiliary attachments	2
Designated by red lights	550

SCHOOLHOUSE BOXES.

On box posts	39
On poles	17
On buildings	112
In buildings	65
Equipped with keyless doors	178
Equipped with key doors	55
Equipped with auxiliary attachments	190
Designated by red lights	38

BOSTON AUTOMATIC FIRE ALARM COMPANY BOXES.

On poles	5
On buildings	17
In buildings	35
Equipped with keyless doors	9
Equipped with key doors	48
Equipped with auxiliary attachments	57

PRIVATE BOXES.

On poles	8
On buildings	38
In buildings	66
Equipped with keyless doors	15
Equipped with key doors	94
Equipped with "quick action" doors	3
Equipped with auxiliary attachments	13
Designated by red light	1

FIRE ALARM BOXES IN DISTRICTS.

District 1	80	District 9	103
District 2	69	District 10	103
District 3	35	District 11	122
District 4	87	District 12	100
District 5	50	District 13	122
District 6	93	District 14	108
District 7	85	District 15	79
District 8	104		

CLASSIFICATION OF FIRE ALARM BOXES.

Academies	4	Public hall	1
Armory	1	Pumping station	1
Asylums	4	Railroad shops	5
Car houses	10	Railroad stations	5
Cemetery	1	Railroad yards	12
Church	1	Retail stores	4
City yards	2	Restaurant	1
Home for aged people,	2	Schoolhouses (public)	233
Hospitals	21	Schoolhouses (p a r o -	
Hotels	4	chial)	2
Manufacturing plants,	28	Stock yards	1
Museum	1	Street boxes (public)	928
Navy Yards	7	Theatres	25
Office buildings	6	Warehouses	8
Police station	1	Wharves	9
Power stations	7	Wholesale houses	4
Prison	1		

POSTS AND CABLE TERMINAL BOXES.

Box posts in service	579
Box posts installed but not yet used	4
Cable posts in service (large size)	74
Cable posts in service (small size)	16
Pole cable boxes in service (underground connections),	256

CIRCUITS.

Box circuits	66
Tapper circuits	14
Gong circuits	13
Special signal circuits	3
Telephone lines to department stations	64
Telephone lines to Kenmore Exchange	10
Telephone lines to Roxbury Exchange	2
Telephone line to Police Headquarters	1
Telephone line to Edison Electric Illuminating Com- pany.	1

Telephone line to Boston Automatic Fire Alarm Company	1
Telephone line to A. D. T. Company	1
Telephone line to Protective Department	1

NOTE.— All telephone lines are now owned and maintained by Telephone Company.

FIRE ALARM APPARATUS.

Tappers in service	166
Boston tappers in adjoining cities and towns	6
Tappers connected to systems of adjoining cities and towns in Boston stations	6
Gongs in service.	113
Registers in service, excepting those in fire alarm office	31
Relays in service, excepting those in fire alarm office,	22
Telephones in department system	145
Public telephones rented by department	14

SUMMARY OF WORK DONE.

	Feet.
Line wire used in new work	10,580
Line wire removed	38,850
Aerial cable installed	2,607
Conductors in same	6,664
Aerial cable removed from service	3,890
Conductors in same	22,240
Underground cable installed in telephone ducts	17,152
Conductors in same	150,260
Underground cable installed in department ducts	2,875
Conductors in same	25,045
Total underground cable installed	20,027
Conductors in same	175,305
Underground cable replaced	5,158
Conductors in same	115,951
Conduits laid by Fire Department	2,257
Ducts abandoned	455
Manholes built	4
Fire alarm boxes installed by this department	15
Fire alarm boxes installed by Schoolhouse Department	5
Fire alarm boxes installed on private property	4
Fire alarm boxes removed from service	6
Box posts set	17
Box posts relocated	7

Box posts reset or replaced by new	11
Cable posts set	3
Cable posts replaced by new	1
Cable posts relocated	1
Cable posts removed from service	1
Underground cable boxes attached to poles	6

Respectfully,

GEORGE L. FICKETT,
Superintendent, Fire Alarm.

BUREAU OF SUPPLIES AND REPAIRS.

BOSTON, January 1, 1926.

FROM: THE BUREAU OF SUPPLIES AND REPAIRS.

TO: THE ACTING FIRE COMMISSIONER.

SUBJECT: ANNUAL REPORT FOR 1925.

I report that the following is a summary of the activities and work performed by the Bureau of Supplies and Repairs for the period commencing February 1, 1925, to December 31, 1925, inclusive.

Extensive repairs and alterations to various quarters as follows:

Engine Companies 4, 6, 16, 21, 22, 24, 32, 34, 37, 46, 52 and 53.

Ladder Companies 5, 12, 17 and 19.

Rescue 1.

Number of jobs performed by shop mechanics	1,150
Cost	\$48,150 00
Number of jobs performed by outside concerns	282
Cost	\$15,935 00
Various jobs performed by company members, stock furnished	
Cost	\$965 00

While the quarters of Ladder Company 17 were undergoing repairs, the members of Ladder Company 17 were moved to temporary quarters in the Osgood Building, on Bennet street, and later removed to other temporary quarters in the Kneeland Building, on Whitmore street.

The quarters of Engine Companies 26 and 35 were abandoned during the year and most of the material in these quarters that could be salvaged were removed by members of the Bureau of Supplies and Repairs to the various storage spaces to be used as replacement material at the other company quarters. These com-

panies are quartered at Engine 4 and Rescue 1, respectively, pending the erection of new quarters.

The following company quarters had spaces set aside and were used by the Election Commissioners as polling places:

Engine Companies 13, 19, 29, 33, 36, 46, 49 and 51.

Ladder Company 9.

New house heaters installed at the quarters of Engine Companies 2, 3 and 53.

Swinging arms attached to gasolene pumps at the Repair Shop of the Bureau of Supplies and Repairs and Department Garage.

Gasolene pump salvaged from the quarters of Engine Company 21 and installed at quarters of Ladder Company 9, replacing defective pump.

Gasolene pump salvaged from the quarters of Engine Companies 26 and 35 and installed at the quarters of Engine Company 52 replacing defective pump.

Oil burning equipment installed at the quarters of Engine Company 12.

Coal depot on Main street, Charlestown, abandoned and department equipment removed from same.

Permission granted to Election Commissioners to store polling booths in yard at old Veterinary Hospital.

Gas masks formerly carried on automobiles of District Chiefs of Districts 3, 4 and 5 recalled and placed on apparatus.

All life nets in the department inspected, oiled and repaired where same was necessary.

H. and H. inhalator installed on Rescue 1.

Lung motors installed on Ladders 19 and 28.

Foam type extinguishers furnished to all company quarters where oil burning equipments have been installed.

For the convenience and comfort of the members stationed at the various quarters the following articles were purchased and distributed.

29 rugs.	146 chairs.
101 dozen sheets.	11 bedsteads.
100 dozen slips.	2 tables.
8½ dozen spreads.	2 desks.
21 dozen roller towels.	1 chiffonier.
2 dozen hand towels.	

FURNITURE REPAIRED.

Number of jobs by our mechanics	117
Cost	\$946 00
Number of jobs by outside concerns	26
Cost	\$917 00

MOTORLESS VEHICLE ACTIVITIES.

Five horse-drawn steam fire engines were taken to the quarters of Engine Company 4 and auctioned off by the City Auctioneer. The purchaser later repudiated his purchase and the matter is now in the hands of the Law Department.

One horse-drawn steam fire engine disposed of at private sale.

Sleds for salting hydrants furnished to several companies.

Repairs to salt wagons	4
Cost	\$54 00

MOTOR ACTIVITIES.

Twenty-seven motor vehicles purchased, tested and placed in service, viz.:

- 4 American-LaFrance pumping engines.
- 2 American-LaFrance combination chemical and hose cars.
- 2 American-LaFrance aerial ladder trucks.
- 2 four-wheel American-LaFrance tractors.
- 1 American-LaFrance chassis for Foamite equipment.
- 3 Buick touring cars.
- 5 Buick roadsters.
- 1 Ford truck for portable lighting equipment.
- 5 Ford emergency cars.
- 2 Ford roadsters.

CARS TURNED IN.

- 1 Buick touring car.
- 3 Buick roadsters.
- 6 Ford roadsters.

MOTOR VEHICLES PAINTED BY OUTSIDE CONCERNS.

- 3 Ladder trucks.
- 2 Hose cars.
- 1 Commercial truck.
- 2 Ford roadsters.
- 1 Ford truck (lighting plant).

Our motor equipment at the present time, consists of the following:

TYPE.	In Service.	In Reserve.	Unserviceable.
Pumping engines.....	46	6	
Steam engines (tractor).....	4	11	
Self-propelled steam engines.....		2	
Hose cars.....	40	5	2
Aerial ladder trucks.....	14	3	
City service ladder trucks.....	16	6	
Water towers.....	3	1	
Chief officers' cars.....	29	10	
Foamite car.....	1		
School car.....	1		
Rescue car.....	1		
Fuel cars.....	2		
Portable lighting plant.....	1		
Wrecking car.....	1		
Motor cycle (fire patrol).....	1		
Commercial trucks.....	6		
Emergency cars (Ford).....	5		
Roadsters (Ford).....	2		

MISCELLANEOUS.

Foamite equipment, consisting of tanks, hose, pressure cylinders, etc., were purchased and installed on American-LaFrance chassis for combating gasolene and oil fires.

Ladder Company 23 truck and detail of men sent to Lexington on April 19 to assist in the Lexington-Concord Celebration.

New style siren horn tried out on Engine Company 33 pump.

Experiment made with new style crankcase having removable oil troughs on 137-P (Motor Pump School pump). This case and one other was later purchased and installed on Engine Company 21 and Ladder Company 12, respectively.

Buick roadster in service in District 5 demolished as a result of accident, all available parts being salvaged for use on other cars of this type.

Thawing devices furnished to Engine Companies 8 and 36.

Two discarded Christie tractors dismantled and parts used for replacements.

One thousand two hundred and eighty-eight complete inspections of motor vehicles by the engineer of motor apparatus.

Three thousand one hundred and ten calls responded to by the emergency crew.

Upon request of the Street Commissioners eighty-eight omnibuses were inspected and passed on by the supervisor of motor apparatus.

Winter side inclosure installed on 088 car. One thousand and ninety chauffeurs' licenses renewed.

Number of repairs by our mechanics	4,335
Cost	\$62,496 00
By outside concerns	936
Cost	\$11,840 00

Not having proper facilities at our shop certain articles were repaired by outside concerns, viz., springs, fenders, wheels, storage batteries, carburetors, siren horns, pressing on and off solid tires, etc.

HIGH PRESSURE, STEAM AND MARINE SERVICE.

Owing to the illness and retirement of the superintendent of this branch service, responsibility of same reverted to the Chief of the Bureau of Supplies and Repairs.

All fireboats inspected by the United States Steamboat inspectors and requirements fulfilled to comply with the law.

Extensive repairs made to Engine Company 44's dock by outside concern.

Emergency repairs performed on electrical equipment on pump No. 1 at High Pressure Station No. 2 by trouble expert from the Edison Electric Illuminating Company with the assistance of our men.

Overhead runways and trolleys installed at High Pressure Station Nos. 1 and 2, respectively.

Turbine engine at High Pressure Station No. 1 repaired, having new throttles installed.

FIRE DEPARTMENT.

31

Number of repairs to fireboats by our mechanics,	146
Cost	\$5,876 00
Number of repairs to fireboats by outside concerns,	33
Cost	\$10,601 00
Number of repairs to high pressure stations by our mechanics	8
Cost	\$177 00
Number of repairs to high pressure station by outside concerns	3
Cost	\$1,209 00

/ MOTOR PUMP SCHOOL.

Motor Pump School was uninterruptedly maintained from April 24 to September 16.

During this period ten classes were held.

Fifty-four members of our department and two members of the Canton Fire Department were instructed in the care and operation of motor fire pumps.

On the completion of each class the men attending same were examined and furnished with certificates confirming them as motor pump operators.

At the close of the school session the engineer-instructor inspected all thawing devices in the department.

CHAUFFEUR SCHOOL.

All new members entering the service were given instructions in the care and operation of motor vehicles.

Special instructions were given to members of aerial ladder companies where four-wheel tractors were installed.

All members of the department certified as operators and not having a state license were examined by inspectors from the State Registry of Motor Vehicles for same.

HOSE.

<i>Purchased.</i>	Feet.	<i>Condemned.</i>	Feet.
Leading cotton hose	18,500	Leading cotton hose	15,450
Leading chemical hose	1,500	Leading rubber hose	50
$\frac{3}{4}$ -inch wired hose	80	$\frac{3}{4}$ -inch chemical hose	1,250
1-inch deck hose	180	1-inch deck hose	180
		4-inch rubber suction hose,	11
		3-inch flexible suction hose,	280 $\frac{1}{2}$
		Deluge hose	62 $\frac{1}{2}$
Total	<u>20,260</u>	Total	<u>17,284</u>

Amount of hose in use and in storage ending December 31, 1925.

<i>In Use.</i>		<i>In Storage.</i>	
	Feet.		Feet.
Leading cotton hose	139,821	Leading cotton hose	5,850
Leading rubber hose	50	$\frac{3}{4}$ -inch chemical hose	150
$\frac{3}{4}$ -inch chemical hose	19,750	Flexible suction hose	176
1-inch deck hose	900	4-inch rubber suction hose,	176
Flexible suction hose	825	$2\frac{1}{2}$ -inch rubber suction hose,	40
4-inch rubber suction hose,	1,496		
Deluge hose	662 $\frac{1}{2}$	Total	<u>6,392</u>
Total	<u>163,504$\frac{1}{2}$</u>		

HOSE REPAIRED.

	Feet.
Leading cotton hose	25,600
1-inch rubber deck hose	175
$4\frac{1}{2}$ -inch hard rubber suction hose	22
$\frac{3}{4}$ -inch chemical hose	2,650
Total	<u>28,447</u>

CLOTHING.

KIND.	Received and Distributed.	Repaired.	Reissued.
Trousers	1,273	1,275	
Sack coats	328	232	25
Reefers	15	8	5
Overcoats	39	78	28
Rubber coats (fire)	388	401	
Fire hats	124	387	
Caps	562		
Chin straps	76		

CONCLUSION.

I would suggest that consideration be given toward erecting a building in as close proximity to the present Bureau of Supplies and Repairs as would be possible to obtain for the purpose of storing all our reserve motor apparatus to produce more efficient service when replacing disabled apparatus.

I would suggest that provisions be made for the disposing of all surplus equipment which is of no further use to this department, this to include discarded engine

heaters, horse-drawn engines, Putnam steam power engine in shop and unattached Christie motors.

The fact that we have a considerable amount of cannel coal distributed at various fire stations throughout the city, I would suggest that all this coal be disposed of except that now stored at the old quarters of Ladder Company 5 on Fourth street, South Boston.

I feel that I should reiterate the necessity of having the shop suitably arranged to accommodate major apparatus, the present shop having been built some years ago for the care and upkeep of horse-drawn vehicles.

Our department garage at No. 618 Harrison avenue, used principally for the storage of reserve chief officers' cars, trucks and cars of the Fire Alarm Branch, Wire Division, and Bureau of Supplies and Repairs, is taxed to the limit for space at the present time. This building was unused for some few years previous to 1919, at which time it was renovated by this department for use as a garage and class rooms for the Fire College.

Respectfully submitted,

WILLIAM H. McCORKLE,
Chief, Bureau of Supplies and Repairs.

REPORT OF MEDICAL EXAMINER.

BOSTON, December 31, 1925.

FROM: THE MEDICAL EXAMINER.
 TO: THE FIRE COMMISSIONER.
 SUBJECT: ANNUAL REPORT.

I submit herewith the following report for the year ending December 31, 1925.

Number of cases of illness on file	328
Number of cases of injury on file	1,756
Number of injured (but remained on duty) on file	1,214

EXAMINATIONS.

Inspections and examinations at headquarters recorded	1,765
For appointment as probationary firemen (Civil Service)	40
For appointment from probationary to permanent men	31
At engine houses of firemen, pulmotors, medicine chests and visits at homes of firemen, either sick or injured and at hospitals	1,200

During the past year there has been a considerable decrease in the number of cases of illness as compared with the previous year, but approximately the same number of injuries on file.

The men, at all times, have promptly responded to the call of "First Aid" and have rendered faithful and valuable service to the public as well as to their brother workers in line of duty.

The recent installation of "H. and H. Inhalators" in first aid work is in my opinion the last word in up-to-date procedure in the handling of all cases of toxemia from gas and smoke.

It is worthy of record to report that out of 1,756 injuries on file 1,214 men were treated at quarters or as out patients, and remained on duty.

DEATHS.

Andrew J. Jennings, February 10, 1925.

District Chief Edward McDonough, March 31, 1925.

Daniel F. Kelley, April 13, 1925.

Owen T. Norton, May 22, 1925.

James W. McKinney, July 12, 1925.

John J. Brotherston, July 16, 1925.

Joseph Smith, September 16, 1925.

William J. Donnolly, September 22, 1925.

Francis B. Boyle, October 28, 1925.

Respectfully submitted,

WILLIAM J. MCNALLY, M. D.,
Medical Examiner.

REPORT OF WIRE DIVISION.

BOSTON, December 31, 1925.

FROM: SUPERINTENDENT WIRE DIVISION.
TO: THE FIRE COMMISSIONER.
SUBJECT: ANNUAL REPORT.

I herewith submit annual report of the Wire Division of the Fire Department for the year 1925.

The underground district for 1925 was prescribed and advertised in accordance with the law.

During the year there were fifty fires and one accident caused by electricity. The total of fire losses in so far as could be determined was \$175,580.96. Thorough investigations of the above fires and accidents were made by members of this division, and complete reports made of the same.

Inspections have been made of old and new electrical construction during the year as far as practicable.

The total income was \$87,714.53.

INTERIOR DIVISION.

As provided by law there have been eleven hundred and fifty (1,150) inspections made of theaters, places of amusement and public halls. Wherever defects were reported interested parties were immediately notified to attend to the same.

During the year there were fifty fires and one accident caused by electricity.

Fires in interior of buildings	47
Fires on poles	3
Injuries to persons	1
Notices of new work received	23,002
Number of permits to turn on current issued	17,073
Number of incandescent lamps inspected	1,699,914
Number of motors inspected	9,605
Number of buildings in which wiring was completely examined	6,250
Number of inspections made	36,038

Defects reported have been corrected or are in process of correction.

EXTERIOR DIVISION.

The underground district for the year 1925, as prescribed under authority of chapter 166 of the Acts of 1921, comprised the following streets:

SOUTH BOSTON.

A street, from West First street to Dorchester avenue.
West First street, from New York, New Haven & Hartford
Railroad to Dorchester street.
D street, from West First street to Dorchester avenue.
East Eighth street, from Dorchester street to H street.
L street, from East Broadway to Columbia road.

EAST BOSTON.

White street, from Brooks street to Putnam street.

DORCHESTER.

Woodward Park street, from Howard avenue to Folsom street.
Tolman street, from Neponset avenue to Norwood street.

BRIGHTON.

Nottinghill road.
Lanark road, from Kinross road to Sutherland road.
Market street, from Washington street, a distance of 3,872 feet
to a point 47 feet south of the south line of Lincoln street.

Making a total distance of four miles as prescribed
by law.

In these prescribed streets from which poles and overhead wires were to be removed, there were standing on February 1, 1925, a total of two hundred and twenty-two (222) poles, not including the trolley poles of the Boston Elevated Railway, which are exempt, owned by the Edison Electric Illuminating Company and New England Telephone and Telegraph Company, supporting a total of six hundred seventy-one thousand one hundred (671,100) feet of overhead wires or a little more than one hundred twenty-seven (127) miles owned by the Edison Electric Illuminating Company, New England Telephone and Telegraph Company, Boston Elevated Railway Company, Western Union Telegraph Company, Boston Fire Department (Fire Alarm Branch) and Boston Police Department (Police Signal Service).

In the selection of new pole locations our engineers have accompanied the engineers of the various companies for the purpose of passing on such locations. All carrying poles standing in the streets are stencilled by this department for purposes of identification, brass tags now being used for this purpose.

In addition to the regular inspection work necessary on account of new construction, the inspection of old overhead construction is also included in the duties of our inspectors.

During the past year the inspectors of this division have reported one hundred and seven (107) poles decayed at base and twelve (12) poles leaning or a total of one hundred and nineteen (119) poles which were replaced by new poles or reset by the various companies at the request of this department.

Thirty-three (33) abandoned poles were also reported by our inspectors and were removed by the owners at our request.

The following table shows the overhead work from February 1, 1925, to December 31, 1925, inclusive:

Number of new poles in new locations	648
Number of poles replaced, reset or straightened	623
Number of poles removed	233
Number of poles now standing in the public streets	17,114
Number of defects reported	2,316
Number of defects corrected	2,200
(Other defects in process of correction).	
Number of notices of overhead construction	15,808
Number of overhead inspections	19,148
Number of overhead reports	13,359
Amount of overhead wires removed by owners (in feet)	3,260,760

UNDERGROUND CONSTRUCTION.

The ducts used this year for the underground conduits of the drawing-in system are of the following type:

1. Vitrified clay (laid in concrete).
2. Fiber (laid in concrete).
3. Iron.
4. Wood.

In side or residential streets, a considerable amount of special underground construction for electric light and power purposes (110 and 220 volts) of a type known as the "Split Fiber Solid Main System" has been installed during the year.

The electrical approvals for underground electrical construction numbered 4,572.

Number of inspections of underground electrical construction, 9,668.

Number of reports of underground electrical construction, 5,161.

Character of Cable Used by the Various Companies.

COMPANY.	Kind of Insulation.	Size.
Boston Elevated Railway.....	Rubber.....	500,000 C. M.
Boston Schoolhouse Commission....	Rubber.....	4 and 6 conductor.
Charlestown Gas and Electric Company.	Varnished cambrie and rubber.	No. 6 to No. 4/0.
Edison Electric Illuminating Company.	Rubber and paper...	No. 6 to 1,500,000 C. M.
Fire Alarm Branch (B. F. D.).....	Rubber.....	4 to 61 conductor.
New England Telephone and Telegraph Company.	Paper.....	2 to 1,212 pair.
Postal Telegraph Cable Company and Boston District Messenger Company.	Rubber and paper...	2, 10 and 30 conductor.
Western Union Telegraph Company and Mutual District Messenger Company.	Rubber and paper...	10 to 150 conductor and 6 to 162 pair.

Table Showing Underground Work for the Year 1925, February 1 to December 31, 1925, Inclusive.

COMPANY.	Feet of Conduit.	Feet of Duct.	Feet of Cable.	Number of Manholes.	Number of Services.
Boston Elevated Railway.....	3,475	33,265	15,361	12	4
Boston Low Tension Wire Association.	238	734	.....	1	4
Boston Schoolhouse Commission..	1,128	1,113	3,595	3	5
Charlestown Gas and Electric Company.	3,855	11,450	33,024	3	215
Edison Electric Illuminating Company.	103,255	771,111	1,872,821	194	3,884
Fire Alarm Branch (B. F. D.)....	502	604	21,440	2	12
New England Telephone and Telegraph Company.	20,135	114,314	400,339	29	92
Police Signal Service (B. P. D.)...	490	490	.....	.....	3
Postal, Telegraph, Cable Company and Boston District Messenger Company.	1,970	3,838	1,580	4	2
Western Union Telegraph Company and Mutual District Messenger Company.	4,233	12,472	7,207	12	7
Totals.....	139,281	949,391	2,355,367	260	4,228

NOTE.—“Split Fiber Solid Main System” of the Edison Electric Illuminating Company is included in the above figures, comprising 25,360 feet of conduit and 48,863 feet of duct. The main and feeder tube or armored cable of the “old solid system” of the same company are not included. Work on the “old solid system” comprised 250 service connections and 7,202 feet of No. 100 three-conductor cable. The above figures also include 1,510 feet of conduit and 2,964 feet of duct of the “Split Fiber Solid Main System” of the Charlestown Gas and Electric Company.

Table Showing the Amount and Distribution of Boston's Electrical Power
December 31, 1925.

COMPANY.	Total Rated Horse Power of Boilers.	Total Rated Horse Power of Engines.	Capacity of Incandescent Lamps in Kilowatts.	Capacity of Arc Lamps in Kilowatts.	Kilowatts of Motors.	Kilowatts, Mixed Load.	Number of Stations.
Boston Elevated Railway Company	46,702	252,353	4,034	1	358,060	84,980	17
Edison Electric Illuminating Company	54,424	275,400	150,030	3,104	106,142	98,525	52
Charlestown Gas and Electric Company			1,650	165	1,600	325	1
Quaker Building Company	620	400	125	106			1
Hanover Street Trust	500	363	140	10	75	225	1
Sudbury Building Plant	200	150	25		25		1
Totals	102,446	528,666	156,004	3,386	465,902	184,055	73

LIST OF WIRE DIVISION EMPLOYEES,
DECEMBER 31, 1925.

	Salary Per Annum
1 Superintendent	\$4,000
1 Chief inspector	2,700
10 Inspectors	2,200
7 Inspectors	2,100
4 Inspectors	2,000
5 Inspectors	1,900
4 Inspectors	1,700
3 Inspectors	1,600
1 Engineer	2,200
1 Chief clerk	2,400
1 Clerk and cashier	2,000
1 Clerk and stenographer	1,800
1 Stenographer	1,600
1 Stenographer	1,500
1 Stenographer	1,300
1 Stenciller	1,600
1 Chauffeur	1,600
1 Clerk	1,400
1 Clerk	1,100

STATEMENT OF APPROPRIATION AND EX-
PENDITURES FROM FEBRUARY 1, 1924,
TO DECEMBER 31, 1925, INCLUSIVE.

Appropriation	\$91,308 34
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EXPENDITURES.

A-1.	Employees	\$81,638 81
F-7.	Pensions	550 00
B-4.	Car fares	2,598 80
B-12.	Premium on bond	15 27
B-13.	Telephones	336 80
B-35.	Auto fees	2 00
B-39.	Repairs, etc.	79 90
C-4.	Tires and tubes	239 76
C-9.	Office	519 00
C-13.	Tools, etc.	3 45
D-1.	Office forms, etc.	1,903 66
D-11.	Gasolene, etc.	246 00
E-10.	Batteries	8 52
E-13.	Paint stock, etc.	321 00

Total expenditures	\$88,462 97
Balance in treasury	2,845 37

\$91,308 34

LIST OF PROPERTY — WIRE DIVISION.

- 7 150-300 Weston Direct Current Double Reading Voltmeters.
- 1 300-volt Weston Direct Reading Alternating and Direct Current Voltmeters.
- 1 1,500-volt Weston Direct Reading Voltmeter.
- 1 50-amp. Weston Direct Reading Ammeter.
- 2 300-volt Weston Alternating and Direct Current Voltmeters.
- 1 15-amp. Thomson Alternating Ammeter.
- 1 1,500-amp. Weston Direct Reading Mil-ammeter.
- 1 200-amp. Thomson Alternating Ammeter.
- 1 500-amp. Weston Direct Reading Ammeter.
- 1 15-volt Weston Direct Reading Voltmeter.
- 1 Queen testing set.
- 3 Bichloride of Silver Batteries, each 60 cells.
- 1 120-volt Weston Direct Current Miniature Type Voltmeter.
- 1 150-volt Weston Direct Current Miniature Type Voltmeter.
- 1 Ford truck.
- 1 Buick touring car.
- 1 Buick runabout.
- 1 Camera, complete.

Respectfully yours,

WALTER J. BURKE,
Superintendent, Wire Division.

THE DEPARTMENT ORGANIZATION.

Commissioner, THEODORE A. GLYNN.
 Chief Clerk, JAMES P. MALONEY.
 Chief of Department, DANIEL F. SENNOTT.
 District Chief, WILLIAM H. McCORKLE, in charge of Bureau
 of Supplies and Repairs.
 Superintendent of High Pressure, Steam and Marine Service,
 EUGENE M. BYINGTON.
 Superintendent of Fire Alarms, GEORGE L. FICKETT.
 Superintendent of Wire Division, WALTER J. BURKE.
 Chief Operator and Assistant Superintendent of Fire Alarms,
 RICHARD DONAHUE.
 Chief Clerk, Wire Division, JOHN F. FLANAGAN.
 Medical Examiner, WILLIAM J. McNALLY, M. D.

CLERKS.

Fire Department.

James P. Maloney, Chief Clerk; Edward L. Tierney, Chief
 of License Division, Bureau of Fire Prevention; George F.
 Murphy, Herbert J. Hickey, John J. Coholan, William J.
 Hurley, Frank M. Fogarty, William J. O'Donnell, Thomas W.
 O'Connell, Warren F. Fenlon, Henry J. Egan, Joseph F.
 O'Brien, James P. McKenna, William D. Slattery, John J.
 Shea, James H. Finnerty, Robert W. O'Neil, William V.
 Doherty, William H. Murray, Oscar Kent.

Wire Division.

Chief Clerk, John F. Flanagan.
 William McSweeney, Charles S. Carroll, Martin P. Cum-
 mings, Celina A. O'Brien, Mary E. Fleming, May D. Marsh,
 Mary E. Sullivan.

HEADQUARTERS.

	Per Annum.
1 Commissioner	\$7,500
1 Chief clerk	2,700
1 Medical examiner	3,500
1 Secretary and stenographer	2,400
1 Executive clerk in charge motor apparatus supplies and repairs	2,700
1 Clerk	1,800
1 Clerk	1,700
1 Clerk	1,700
1 Clerk	1,400
1 Clerk	1,300
1 Assistant engineer (messenger)*	2,000
2 Hosemen (clerks)*	2,000
1 Clerk	1,000

* Detailed from Fire-fighting Branch.

FIRE DEPARTMENT.

45

	Per Week.
1 Janitress	\$22 00
	Per Annum.
1 Elevatorman	\$1,700

16

FIRE PREVENTION BUREAU.

	Per Annum.
1 Chief Fire Prevention	\$2,700
1 Clerk	2,000
1 Clerk	1,700
1 Clerk	1,400
1 Clerk	1,200
1 Constable	1,600
1 Captain Fire Prevention	2,500

7

FIRE-FIGHTING BRANCH.

	Per Annum.
1 Chief of Department	\$5,500
1 Assistant Chief of Department	4,000
6 Deputy chiefs	4,000
30 District chiefs	3,500
75 Captains	2,500
109 Lieutenants	2,300
2 Aids-to Chief (lieutenant)	2,300
2 Aids-to Chief	2,200
3 Aids-to-Commission (private)	2,200
3 Engineers (marine)	2,200
6 Masters	2,100
50 Engineers	2,100
53 Assistant engineers	2,000
1,094 Privates:	
766	\$2,000
41	\$1,900-\$2,000
17	\$1,800-\$1,900
37	\$1,700-\$1,800
233	\$1,600-\$1,700

1,435

BUREAU OF SUPPLIES AND REPAIRS.

	Per Annum.
1 District Chief in charge	\$3,500
1 Superintendent, High Pressure Steam and Marine Service	3,800
1 Supervisor, motor apparatus	2,900
1 Shop foreman	2,700
1 Lieutenant, foreman hose and harness shop	2,300
1 Motor apparatus engineer	2,700
1 Engineer and architect	2,500
1 Storekeeper (hoseman)	2,100

	Per Annum.
1 Master plumber (engineer)	\$2,200
1 Master carpenter (hoseman)	2,000
1 Master painter	2,000
1 Foreman (auto mechanic)	2,100
5 Privates	2,000
1 Clerk in charge	2,100
1 Clerk	1,700
1 Clerk	1,600
1 Stenographer	1,200
1 Clerk	1,000
6 Engineers in charge	2,300
11 Engineers (High Pressure Service)	2,100
12 Engineers, motor squad	2,200
	Per Day.
3 Firemen	\$6 00
	Per Week.
3 High Pressure engineers	\$43 00
1 Engineer	42 00
	Per Annum.
1 Master steamfitter	\$2,200
1 Master apparatus painter	1,900
	Per Day.
2 Plumbers	\$6 00
3 Steamfitters	5 50
2 Auto machinists	5 50
9 Painters	5 50
2 Wheelwrights	6 00
6 Machinists	5 50
12 Auto repairers	5 50
1 Auto repairer and tester	6 00
1 Auto blacksmith	6 00
1 Battery and ignition man	6 00
6 Blacksmiths	5 50
7 Helpers	4 75
4 Carpenters	5 50
1 Auto trimmer and canvas worker	5 50
1 Hose repairer and carriage trimmer	5 50
1 Hose and harness repairer	5 00
1 Vulcanizer	5 00
1 Chauffeur	5 50
4 Laborers	4 50
1 Brick mason	\$5 50-\$7 00
1 Rubber goods repairer	5 50
2 Battery and ignition men	5 50
1 Auto mechanic and machinist	5 50
1 Auto repairer and acetylene welder	5 50

FIRE ALARM BRANCH.

Per Annum.

1 Superintendent fire alarm	\$4,000
1 Assistant superintendent and chief operator,	3,200
1 Supervising operator	2,600
3 Principal operators	2,500
3 Operators	2,300
2 Operators	2,200
2 Assistant operators	2,000
1 Assistant operator (sliding scale)	\$1,700-\$1,800
3 Assistant operators (sliding scale)	\$1,600-\$1,700
1 Foreman, construction	2,800
1 Assistant foreman, construction	2,300
1 Stockman	1,900
1 Custodian	1,700
1 Clerk	2,000
1 Batteryman	2,000
1 Aid-to-Superintendent	2,200
	Per Day.
3 Machinists (7 days)	\$5 50
1 Machinist (6 days)	5 50
3 Cable splicers	6 25
5 Inside wiremen	6 10
4 Repairers and linemen	5 75
10 Linemen	5 50
1 Laborer	4 50
1 Radio electrician	\$5 50-\$6 10

CHIEF OF DEPARTMENT.

DANIEL F. SENNOTT.

Headquarters, Bristol Street.

The Chief is in charge of the fire protection of the city, which is divided into three divisions, each commanded by a deputy chief, which are subdivided into fifteen districts, each commanded by a district chief.

Assistant Chief of Department, HENRY A. FOX.

DIVISION 1.

Deputy Chiefs, EDWARD J. SHALLOW and HENRY J. POWER.

Headquarters, Ladder House 8, Fort Hill Square.
This division comprises Districts 1, 2, 3, 4, 5.

*District 1.**District Chiefs*, THOMAS E. CONROY and MICHAEL F. SILVA.

Headquarters, Ladder House 2, Paris Street,
East Boston.

Apparatus Located in the District.—Engines 5, 9, 11, 31 (fireboat), 40, 47 (fireboat), Ladders 2, 21, Chemical 7.

*District 2.**District Chiefs*, PHILIP A. TAGUE and HAMILTON A. McCLAY.

Headquarters, Engine House 50, Winthrop Street,
Charlestown.

Apparatus Located in the District.—Engines 27, 32, 36, 50, Ladders 9, 22.

*District 3.**District Chiefs*, CORNELIUS J. O'BRIEN and JAMES MAHONEY.

Headquarters, Ladder House 18, Pittsburgh Street.

Apparatus Located in the District.—Engines 25, 38, 39, 44 (fireboat), Ladders 8, 18, Water Tower 3.

District 4.

District Chiefs, JOHN F. WATSON and AVERY B. HOWARD.

Headquarters, Engine House, 4 Bulfinch Street.

Apparatus Located in the District.—Engines 4, 6, 8, Ladders 1, 24, Water Tower 1.

District 5.

District Chiefs, CHARLES A. DONAHUE and VICTOR H. RICHER.

Headquarters, Engine House 26–35, Mason Street.

Apparatus Located in the District.—Engines 7, 10, 26, 35, Ladder 17, Rescue 1.

DIVISION 2.

Deputy Chiefs, ALBERT J. CAULFIELD and FRANK A. SWEENEY.

Headquarters, Engine House 22, Warren Avenue.

This division comprises Districts 6, 7, 8, 11.

District 6.

District Chiefs, HARRY M. HEBARD and MICHAEL J. TEEHAN.

Headquarters, Engine House 1, Dorchester Street, South Boston.

Apparatus Located in the District.—Engines 1, 2, 15, 43, Ladders 5, 19, 20.

District 7.

District Chiefs, THOMAS H. DOWNEY and JOHN J. KELLEY.

Headquarters, Engine House 22, Warren Avenue.

Apparatus Located in the District.—Engines 3, 22, 33, Ladders 3, 13, 15, Water Tower 2.

District 8.

District Chiefs, FRANK J. SHEERAN and DENNIS DRISCOLL.

Headquarters, Ladder House 12, Tremont Street.

Apparatus Located in the District.—Engines 13, 14, 37, Ladders 12, 26.

District 11.

District Chiefs, JAMES F. McMAHON and THOMAS H. ANDREOLI.

Headquarters, Engine House 41, Harvard Avenue, Brighton.

Apparatus Located in the District.—Engines 29, 34, 41, 51, Ladders 11, 14.

DIVISION 3.

Deputy Chiefs, WALTER M. McLEAN and JOSEPH A. DOLAN.

Headquarters, Ladder House 23, Washington Street, Grove Hall.

This division comprises Districts 9, 10, 12, 13, 14, 15.

District 9.

District Chiefs, JOSEPH H. KENNEY and PATRICK J. V. KELLEY.

Headquarters, Engine House 12, Dudley Street.

Apparatus Located in the District.—Engines 12, 21, 23, 24, Ladder 4.

District 10.

District Chiefs, FRANCIS J. JORDAN and CHARLES H. LONG.

Headquarters, Engine House 18, Harvard Street, Dorchester.

Apparatus Located in the District.—Engines 17, 18, 52, Ladders 7, 29.

District 12.

District Chiefs, JOHN N. LALLY and THOMAS J. MULDOON.

Headquarters, Engine House 28, Centre Street, Jamaica Plain.

Apparatus Located in the District.—Engines 28, 42, Ladders 10, 23, 30.

District 13.

District Chiefs, MICHAEL J. KENNEDY and WILLIAM F. QUIGLEY.

Headquarters, Engine House 45, Corner Washington and Poplar Streets, Roslindale.

Apparatus Located in the District.—Engines 30, 45, 53, Ladders 16, 25.

District 14.

District Chiefs, ALLAN J. MACDONALD and JAMES F. RYAN.

Headquarters, Engine House 46, Peabody Square,
Dorchester.

Apparatus Located in the District.—Engines 16, 20,
46, Ladders 6, 27.

District 15.

District Chiefs, JOHN P. MURRAY and HENRY KRAKE.

Headquarters, Engine House 48, Corner Harvard
Avenue and Winthrop Street, Hyde Park.

Apparatus Located in the District.—Engines 19, 48, 49,
Ladder 28.

FIRE STATIONS.

LOCATION.

LOCATION.	Number of Feet in Lot.	Occupied by
Dorchester and Fourth streets.....	8,167	Engine 1 and Ladder 5.
Corner of O and Fourth streets.....	4,000	Engine 2.
Bristol street and Harrison avenue.....	4,000	Engine 3 and Ladder 3.
Bulfinch street.....	6,098	Engine 4 and Engine 26.
Marion street, East Boston.....	3,265	Engine 5.
Leverett street.....	2,269	Engine 6.
East street.....	1,893	Engine 7.
Salem street.....	2,568	Engine 8.
Paris street, East Boston.....	4,720	Engine 9 and Ladder 2.
River street.....	1,886	Engine 10.
Saratoga and Byron streets, East Boston...	10,000	Engine 11 and Ladder 21.
Dudley street.....	7,320	Engine 12.
Cabot street.....	4,832	Engine 13.
Centre street.....	5,713	Engine 14.
Dorchester avenue.....	2,803	Engine 15.
Corner River and Temple streets.....	12,736	Engine 16 and Ladder 6.
Meeting House Hill, Dorchester.....	9,450	Engine 17 and Ladder 7.
Harvard street, Dorchester.....	9,440	Engine 18.
Babson street, Dorchester.....	7,683	Engine 19.
Walnut street, Dorchester.....	9,000	Engine 20 and Ladder 27.
Columbia road, Dorchester.....	10,341	Engine 21.
Warren avenue.....	7,500	Engine 22 and Ladder 13.
Northampton street.....	3,445	Engine 23.
Corner Warren and Quincy streets.....	4,186	Engine 24.
Fort Hill square.....	4,175	Engine 25 and Ladder 8, Tower 1.
Elm street, Charlestown.....	2,600	Engine 27.
Centre street, Jamaica Plain.....	10,377	Engine 28 and Ladder 10.
Chestnut Hill avenue, Brighton.....	14,358	Engine 29 and Ladder 11.
Centre street, West Roxbury.....	12,261	Engine 30 and Ladder 25.
521 Commercial street, on land of Public Works Department.....		Engine 31.
Bunker Hill street, Charlestown.....	8,188	Engine 32.

Fire Stations.— Concluded.

LOCATION.	Number of Feet in Lot.	Occupied by
Corner Boylston and Hereford streets.....	5,646	Engine 33 and Ladder 15.
Western avenue, Brighton.....	4,637	Engine 34.
Monument street, Charlestown.....	5,668	Engine 36 and Ladder 22.
Corner Longwood and Brookline avenues,	5,231	Engine 37 and Ladder 26.
Congress street.....	4,000	Engines 38 and 39.
Sumner street, East Boston.....	4,010	Engine 40.
Harvard avenue, near Cambridge street, Brighton.	6,112	Engine 41 and Ladder 14.
Washington street, at Egleston square.....	3,848	Engine 42 and Ladder 30.
Andrew square.....	5,133	Engine 43 and Ladder 20.
Northern Avenue Bridge.....	.....	Engine 44, fireboat.
Washington and Poplar streets, Roslin- dale.	14,729	Engine 45 and Ladder 16.
Dorchester avenue, Ashmont.....	4,875	Engine 46.
Adjoining South Ferry, East Boston.....	11,950	Engine 47, fireboat.
Harvard avenue and Winthrop street, Hyde Park.	9,450	Engine 48 and Ladder 28.
Church street.....	3,412	Rescue 1 and Engine 35.
Milton and Hamilton streets.....	14,475	Engine 49.
Winthrop and Soley streets.....	5,230	Engine 50.
Oak square, Brighton.....	9,889	Engine 51.
Saratoga street, East Boston.....	9,300	Chemical Engine 7.
Corner Callender and Lyford streets.....	7,200	Engine 52 and Ladder 29.
Corner Walk Hill and Wenham streets....	11,253	Engine 53.
Friend street.....	1,676	Ladder 1.
Dudley street.....	3,923	Ladder 4.
Main street, Charlestown.....	4,290	Ladder 9.
Tremont street.....	4,311	Ladder 12.
Harrison avenue.....	2,134	Ladder 17.
Pittsburgh street, South Boston.....	8,964	Ladder 18 and Tower 3.
Fourth street.....	3,101	Ladder 19.
Washington street, Dorchester.....	6,875	Ladder 23.
North Grove street.....	3,918	Ladder 24.

Headquarters Building, Bristol street, 15,679 feet of land.

Water Tower No. 2 is in Headquarters Building.

OTHER BUILDINGS.

Bureau S. & R., 363 Albany street, 8,000 feet of land.

Veterinary Hospital, Atkinson street, 64,442 feet of land.

Coal station, Main street, Charlestown, 2,430 feet of land.

Building No. 11 Wareham street, used by the Fire Alarm Branch as workshop and storeroom, 8,500 feet of land.

Building No. 618 Harrison avenue, used as a department garage and repair shop and a school for chauffeurs and officers, 3,816 feet of land.

GASOLENE STATIONS.

DIVISION 1.

DISTRICTS.	Location.	Capacity. (Gallons.)	Pump.
1.....	Engine 5.....	280	1 gallon.
1.....	Engine 11.....	110	1 gallon.
1.....	Engine 40.....	550	1 gallon.
1.....	Ladder 2.....	550	1 gallon.
1.....	Chemical 7.....	550	1 gallon.
2.....	Engine 27.....	550	1 gallon.
2.....	Engine 32.....	550	1 gallon.
2.....	Engine 36.....	280	1 gallon.
2.....	Engine 50.....	280	1 gallon.
2.....	Ladder 9.....	220	1 gallon.
3.....	Ladder 8.....	120	1 gallon.
3.....	Ladder 18.....	280	1 gallon.
3.....	Engines 38-39.....	280	1 gallon.
4.....	Engine 4.....	280	1 gallon.
4.....	Engine 6.....	280	1 gallon.
4.....	Engine 8.....	280	1 gallon.
4.....	Ladder 1.....	280	1 gallon.
4.....	Ladder 24.....	550	1 gallon.
5.....	Engine 7.....	550	1 gallon.
5.....	Engine 10.....	220	1 quart.
5.....	Engines 26-35.....	280	1 gallon.
5.....	Ladder 17.....	550	1 gallon.
5.....	Rescue 1.....	550	1 gallon.

DIVISION 2.

DISTRICTS.	Location.	Capacity. (Gallons.)	Pump.
6.....	Engine 1.....	280	1 gallon.
6.....	Engine 2.....	280	1 gallon.
6.....	Engine 15.....	280	1 gallon.
6.....	Engine 43.....	280	1 gallon.
6.....	Ladder 19.....	550	1 gallon.
7.....	Engine 3.....	280	1 gallon.
7.....	Engine 22.....	550	1 gallon.
7.....	Engine 33.....	280	1 gallon.
7.....	Bristol street, repair shop.....	550	1 gallon.
7.....	Department garage.....	280	1 gallon.
8.....	Engine 13.....	550	1 gallon.
8.....	Engine 14.....	550	1 gallon.
8.....	Engine 37.....	120	1 gallon.
8.....	Ladder 12.....	280	1 gallon.
11.....	Engine 29.....	280	1 gallon.
11.....	Engine 34.....	280	1 gallon.
11.....	Engine 41.....	280	1 gallon.
11.....	Engine 51.....	280	1 gallon.

DIVISION 3.

DISTRICTS.	Location.	Capacity. (Gallons)	Pump.
9.....	Engine 12.....	550	1 gallon.
9.....	Engine 21.....	550	1 gallon.
9.....	Engine 23.....	280	1 gallon.
9.....	Engine 24.....	550	1 gallon.
9.....	Ladder 4.....	120	1 gallon.
10.....	Engine 17.....	280	1 gallon.
10.....	Engine 18.....	280	1 gallon.
10.....	Engine 52.....	280	1 gallon.
12.....	Engine 28.....	280	1 gallon.
12.....	Engine 42.....	550	1 gallon.
12.....	Ladder 23.....	220	1 gallon.
13.....	Engine 30.....	280	1 gallon.
13.....	Engine 45.....	550	1 gallon.
13.....	Engine 53.....	120	1 gallon.
14.....	Engine 20.....	280	1 gallon.
14.....	Engine 46.....	220	1 gallon.
14.....	Ladder 6.....	280	1 gallon.
15.....	Engine 19.....	280	1 gallon.
15.....	Engine 48.....	280	1 gallon.
15.....	Engine 49.....	280	1 gallon.

CANNEL COAL STATIONS.

DIVISION 1.

DISTRICTS.	Location.	Capacity. (Tons.)
1.....	Engine 11.....	15
1.....	Chemical 7.....	5
2.....	Engine 36.....	2
3.....	Engines 38-39.....	6
3.....	Ladder 18.....	4
4.....	Engine 4.....	2
4.....	Ladder 24.....	15

DIVISION 2.

6.....	Engine 2.....	6
6.....	Engine 15.....	2
6.....	Fourth street (Old Ladder 5).....	40
7.....	Engine 3.....	4
7.....	Engine 33.....	25
8.....	Engine 13.....	8
8.....	Engine 14.....	2
8.....	Engine 37.....	5
11.....	Engine 29.....	5
11.....	Engine 34.....	5
11.....	Engine 41.....	5
11.....	Engine 51.....	2

DIVISION 3.

9.....	Engine 12.....	5
9.....	Engine 21.....	3
9.....	Engine 23.....	3
9.....	Engine 24.....	6
10.....	Engine 17.....	4
10.....	Engine 18.....	4
12.....	Engine 28.....	7
12.....	Engine 42.....	3
13.....	Engine 30.....	2
13.....	Engine 45.....	8
14.....	Engine 16.....	2
14.....	Engine 20.....	7
15.....	Engine 19.....	7
15.....	Engine 48.....	5

ENGINES.

NUMBER.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinders.	Diameter of Pump.	Stroke.	Capacity.	Weight. (Pounds.)
1.....	American LaFrance pump.....	Dec. 19, 1921	.....	.....	5½	.....	6	1,000 gallons.	11,300
2.....	Seagrave triple combination pump,	June 20, 1917	.....	.....	5¼	.....	6½	750 gallons.	15,500
3.....	{ Christie Tractor.....	June 16, 1917	.....	.....	7¼	4¾	8	Second size.	13,140
	{ Manchester Locomotive Works.....	Jan., 1904	.....	.....			
4.....	{ Christie Tractor.....	June 16, 1917	.....	.....	7¾	4¾	8	Second size.	14,308
	{ Anoskeag Manufacturing Company,	1911	.....	.....			
5.....	American LaFrance pump.....	Sept. 27, 1919	.....	.....	5½	.....	6	1,000 gallons.	11,300
6.....	American LaFrance pump.....	July 13, 1922	.....	.....	5½	.....	6	750 gallons.	11,030
7.....	American LaFrance pump.....	Nov. 22, 1921	.....	.....	5½	.....	6	1,000 gallons.	11,300
8.....	American LaFrance pump.....	May 25, 1925	.....	.....	5½	.....	6	750 gallons.	11,030
9.....	American LaFrance pump.....	July 24, 1923	.....	.....	5½	.....	6	750 gallons.	11,030
10.....	American LaFrance pump.....	Sept. 3, 1920	.....	.....	5½	.....	6	1,000 gallons.	11,300
11.....	American LaFrance pump.....	May 21, 1925	.....	.....	5½	.....	6	750 gallons.	11,030
12.....	American-LaFrance pump.....	July 19, 1922	.....	.....	5½	.....	6	750 gallons.	11,030
13.....	American-LaFrance pump.....	July 20, 1922	.....	.....	5½	.....	6	750 gallons.	11,030
14.....	American LaFrance pump.....	May 23, 1925	.....	.....	5½	.....	6	750 gallons.	11,030

FIRE DEPARTMENT.

15.....	American-LaFrance pump.....	Oct.	22, 1925	.....	5½	.....	6	750 gallons.	11,030
16.....	American-LaFrance pump.....	Oct.	17, 1921	.....	5½	.....	6	750 gallons.	11,030
17.....	American-LaFrance pump.....	Aug.	14, 1923	.....	5½	.....	6	750 gallons.	11,030
18.....	American-LaFrance pump.....	Oct.	28, 1921	.....	5½	.....	6	750 gallons.	11,030
19.....	Scgrave triple combination pump.	May	9, 1917	Repair Shop.....	5½	1925	6½	750 gallons.	15,500
20.....	American-LaFrance pump.....	Oct.	29, 1921	.....	5½	.....	6	750 gallons.	11,030
21.....	American-LaFrance pump.....	Oct.	16, 1924	.....	5½	.....	6	750 gallons.	11,030
22.....	American-LaFrance pump.....	Aug.	31, 1923	.....	5½	.....	6	750 gallons.	11,030
23.....	American-LaFrance pump.....	May	1, 1920	.....	5½	.....	6	1,000 gallons.	11,300
24.....	American-LaFrance pump.....	July	21, 1922	.....	5½	.....	6	750 gallons.	11,030
25.....	{ Christie Tractor.....	Jan.	7, 1916	{ International Power Company..	7½	1907	8	Second size.	12,380
	{ Amoskeag Manufacturing Company,		1882						
26.....	American-LaFrance pump.....	Dec.	10, 1920	American-LaFrance Company...	5½	1923	6	1,000 gallons.	11,300
27.....	American-LaFrance pump.....	July	17, 1923	.....	5½	.....	6	750 gallons.	11,030
28.....	American-LaFrance pump.....	April	13, 1920	.....	5½	.....	6	750 gallons.	11,030
29.....	American-LaFrance pump.....	Sept.	19, 1923	.....	5½	.....	6	750 gallons.	11,030
30.....	American-LaFrance pump.....	Oct.	18, 1921	.....	5½	.....	6	750 gallons.	11,030
31.....	{ G. F. Blake Manufacturing Com- pany. (Fireboat.)		1914	.....	17	.....	11	{ 1 pump, 3,000 gallons.	104 tons.
32.....	American-LaFrance pump.....	Oct.	18, 1920	.....	5½	.....	6	750 gallons.	11,030
33.....	American-LaFrance pump.....	Aug.	28, 1923	.....	5½	.....	6	750 gallons.	11,030
34.....	American-LaFrance pump.....	Aug.	6, 1923	.....	5½	.....	6	750 gallons.	11,030
35.....	American-LaFrance pump.....	Dec.	10, 1920	.....	5½	.....	6	750 gallons.	11,030

Engines.—Concluded.

NUMBER.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinders.	Diameter of Pump.	Stroke.	Capacity.	Weight. (Pounds.)
36.	American-LaFrance pump.	May 22, 1925			5½		6	750 gallons.	11,030
37.	American-LaFrance pump.	July 11, 1923			5½		6	750 gallons.	11,030
38.	{ Christie Tractor American Locomotive Works.	Oct., 1916 July, 1903	{ Manchester Locomotive Works..	1916	8½	5	8	First size.	14,240
39.	American-LaFrance pump.	Oct. 14, 1924			5½		6	750 gallons.	11,030
40.	American-LaFrance pump.	July 24, 1923			5½		6	750 gallons.	11,030
41.	American-LaFrance pump.	Jan. 26, 1921			5½		6	750 gallons.	11,030
42.	American-LaFrance pump.	Oct. 10, 1924			5½		6	750 gallons.	11,030
43.	American-LaFrance pump.	Oct. 14, 1922			5½		6	750 gallons.	11,030
44.	{ American Fire Engine Company. (Fireboat.)	{ Aug., 1895			{ 12½ H. P. 18 L. P.	{ 10	11	{ 2 sets of pumps, 6,000 gallons.	178 tons.
45.	American-LaFrance pump.	Aug. 31, 1922			5½		6	750 gallons.	11,030
46.	American-LaFrance pump.	Sept. 18, 1923			5½		6	750 gallons.	11,030
47.	{ G. F. Blake Manufacturing Com- pany. (Fireboat.)	{ Aug., 1909			{ 12 H. P. 22 L. P.	{ 10	11	{ 2 sets of pumps, 6,000 gallons.	178 tons.
48.	American-LaFrance pump.	Sept. 12, 1922			5½		6	750 gallons.	11,030

49.....	American-LaFrance triple combination pump.....	Dec. 5, 1919	.....	5½	.....	6	750 gallons.	12,000
50.....	American-LaFrance pump.....	March 2, 1920	.....	5½	.....	6	1,000 gallons.	11,300
51.....	American-LaFrance triple combination pump.....	Nov. 15, 1919	.....	5½	.....	6	750 gallons.	12,000
52.....	American-LaFrance pump.....	Dec. 19, 1921	.....	5½	.....	6	750 gallons.	11,030
53.....	Seagrave triple combination pump....	Aug. 12, 1916	.....	5½	.....	6½	750 gallons.	13,500

Engines in Reserve.

NUMBER.	Built by	Put in Service.	Rebuilt by	Date.	Diameter of Cylinder.	Diameter of Pump.	Stroke.	Capacity.	Weight. (Pounds.)
100-P....	American-LaFrance pump.....	July 3, 1914	.....	.....	5½	.....	6	750 gallons.	11,200
101-P....	American-LaFrance pump.....	Aug. 3, 1914	.....	.....	5½	.....	6	750 gallons.	11,200
125-P....	American-LaFrance pump.....	Nov. 1, 1919	.....	.....	5½	.....	6	750 gallons.	11,030
129-P....	American-LaFrance pump.....	Oct. 25, 1920	.....	.....	5½	.....	6	750 gallons.	11,030
137-P....	American-LaFrance pump.....	Nov. 15, 1920	.....	.....	5½	.....	6	750 gallons.	11,030
144-P....	American-LaFrance pump.....	Dec. 19, 1921	.....	.....	5½	.....	6	750 gallons.	11,030
105-T....	Christie Tractor, (International Power Company.)	{March 27, 1915 Feb., 1909}	.....	.....	7½	4½	8	Second size.	12,400
106-T....	Christie Tractor, (American LaFrance Company.)	{May 15, 1925 Dec., 1910}	.....	.....	9	5½	8	First size.	16,000
107-T....	Christie Tractor, (International Power Company.)	{July 21, 1915 Feb., 1900}	.....	.....	8½	5½	8	First size.	14,200
108-T....	Christie Tractor, (Amoskeag Manufacturing Company.)	{Dec. 20, 1915 Nov., 1867}	American Locomotive Works.....	1904	7½	4½	8	Second size.	12,980
110-T....	Christie Tractor, (Amoskeag Manufacturing Company.)	{Jan. 11, 1916 Sept., 1870}	International Power Company...	1907	7½	4½	8	Second size.	12,560
115-T....	Christie Tractor, (International Power Company.)	{April 11, 1921 Feb., 1900}	.....	.....	8½	5½	8	First size.	14,240

116-T....	Christie Tractor. (Power Company.)	(International {Aug., 1917 {Nov., 1909})	.....	.....	8½	5½	8	First size.	13,910
117-T....	Christie Tractor. (Locomotive Works.)	(Manchester {May, 1917 {June, 1901})	American-British Company.....	1915	8½	5	8	First size.	14,300
119-T....	Christie Tractor. (Power Company.)	(International {Aug., 1917 {Nov., 1909})	.....	.....	8½	5	8	First size.	13,910
122-T....	Christie Tractor. (Manufacturing Company.)	(Amoskeag {July, 1917 {May, 1911})	.....	.....	7½	4½	8	Second size.	13,140
133-T....	Christie Tractor. (Manufacturing Company.)	(Amoskeag {July, 1920 {Dec., 1904})	J. B. Filleull & Son.....	1919	8½	5	8	First size.	14,350
35.....	Manchester Locomotive (Self-propelled.)	Works. Jan., 1898	American-British Company.....	1915	9½	5½	8	Double extra. First size.	18,200
38.....	Manchester Locomotive (Self-propelled.)	Works. June, 1897	J. B. Filleull & Son.....	1917	9½	5½	8	Double extra. First size.	18,200

Hose Wagons (in Reserve).

Two (2) Seagrave combination chemical and hose cars (motor).

Three (3) American-LaFrance combination chemical and hose cars (motor).

LADDER TRUCKS.

NUMBER.	Built By.	Put in Service.	Rebuilt By	Feet of Ladders.	Number of Ladders.	Weight (Pounds.)
1.....	American-LaFrance, Type 17 (75-foot).....	May 27, 1922	.....	354	Aerial.	17,000
2.....	American-LaFrance, Type 17 (75-foot).....	Oct. 15, 1923	.....	354	Aerial.	17,000
3.....	{Christie Tractor..... {Fire Department Repair Shop.....	Oct., 1916 Sept., 1888	.....	268	10	13,440
4.....	American-LaFrance, Type 17 (85-foot).....	Jan. 8, 1925	Boston Fire Department Repair Shop,	354	Aerial.	21,040
5.....	Seagrave (75-foot).....	June 4, 1917	.....	309	Aerial.	24,200
6.....	American-LaFrance, Type 14.....	Dec. 13, 1912	.....	207	8	10,810
7.....	American-LaFrance, Type 14.....	Aug. 14, 1923	.....	254	9	11,000
8.....	{American-LaFrance, Type 17..... {Seagrave (85-foot).....	Sept. 26, 1921 Jan. 26, 1915	.....	394	Aerial.	22,000
9.....	American-LaFrance, Type 17 (75-foot).....	Oct. 17, 1923	.....	354	Aerial.	17,000
10.....	American-LaFrance, Type 14.....	Oct. 18, 1920	.....	302	11	11,000
11.....	American-LaFrance, Type 17 (85-foot).....	May 23, 1925	.....	313	Aerial.	21,040
12.....	American-LaFrance, Type 31 (75-foot).....	Nov. 8, 1919	.....	335	Aerial.	17,000
13.....	American-LaFrance, Type 31 (85-foot).....	Oct. 1, 1919	.....	294	Aerial.	20,000
14.....	American-LaFrance, Type 31 (85-foot).....	May 16, 1921	.....	346	Aerial.	20,000
15.....	American-LaFrance, Type 31 (85-foot).....	Jan. 11, 1920	.....	352	Aerial.	20,000
16.....	American-LaFrance, Type 14.....	Sept. 18, 1923	.....	268	10	11,000
17.....	American-LaFrance, Type 17 (85-foot).....	May 19, 1925	.....	323	Aerial.	21,040

FIRE DEPARTMENT.

18.	{ Christie Tractor.....	May 21, 1915	.....	340	Aerial.	17,025
19.	{ Seagrave (75-foot).....	April, 1910	.....	172	8	11,000
20.	{ American-LaFrance, Type 14.....	Sept. 28, 1923	.....	247	10	13,400
21.	{ Christie Tractor.....	Oct. 26, 1915	.....	243	9	11,500
22.	{ C. N. Perkins Company.....	Dec. 30, 1902	.....	209	8	11,000
23.	{ American-LaFrance, Type 14.....	May 15, 1913	.....	268	11	11,000
24.	{ American-LaFrance, Type 14.....	Oct. 14, 1924	.....	228	9	11,000
25.	{ American-LaFrance, Type 14.....	Aug. 20, 1923	.....	177	8	13,440
26.	{ Christie Tractor.....	Oct., 1916	.....	323	Aerial.	20,000
27.	{ Charles T. Holloway Company.....	April 25, 1900	.....	261	9	11,000
28.	{ American-LaFrance, Type 17 Tractor.....	July 11, 1925	.....	272	10	11,000
29.	{ Seagrave Company (75-foot).....	July 27, 1915	{ Boston Fire Department, Repair Shop,	274	11	11,000
30.	{ American-LaFrance, Type 14.....	Oct. 4, 1923	.....	257	10	11,000
	{ American-LaFrance, Type 14.....	Nov. 8, 1920	.....		
	{ American-LaFrance, Type 14.....	Dec. 13, 1912	{ Boston Fire Department Repair Shop,			
	{ American-LaFrance, Type 14.....	Jan. 23, 1913	.....		

LADDER TRUCKS IN RESERVE.

NUMBER.	Built by	Date.	Weight. (Pounds.)
211-T.....	{ Christie Tractor.....	July 21, 1915	13,500
	{ Charles T. Holloway.....	Nov., 1901	
213-T.....	{ Christie Tractor.....	July 27, 1915	12,050
	{ Charles T. Holloway.....	1898	
215-T.....	{ Christie Tractor.....	Dec. 21, 1915	13,440
	{ Boston Fire Department.....	1888	
216-T.....	{ Christie Tractor.....	Dec. 23, 1915	12,050
	{ Hunneman & Company.....	1874	
218-T.....	{ Christie Tractor.....	March 2, 1917	13,400
	{ C. N. Perkins Company.....	August, 1905	
222-T.....	{ Christie Tractor.....	June 11, 1917	13,500
	{ Charles T. Holloway.....	Jan., 1917	
209-T.....	{ Christie Tractor.....	March 31, 1915	17,530
	{ American-LaFrance Company (75 feet aerial).....	1891	
220-T.....	{ Christie Tractor.....	Jan. 23, 1915	18,000
	{ American-LaFrance Company (85 feet aerial).....	1911	
223-T.....	{ Christie Tractor.....	June 30, 1917	20,000
	{ American-LaFrance Company (85-feet aerial).....	1906	

CHEMICAL ENGINES.

NUMBER.	Built by	Put in Service.	Remarks.	Capacity. Gallons.	Weight. Pounds.
7.....	Seagrave Company.....	Feb. 5, 1917.....	Combination, motor driven.....	35	9,310

SPARE HORSE-DRAWN APPARATUS.

Five (5) steam engines. One (1) hose wagon.

WATER TOWERS.

NUMBER.	Built By	Put in Service.	Weight. (Pounds.)
1.....	American-LaFrance Company.....	Oct. 30, 1912	14,600
2.....	Kansas City Fire Department Supply Company.....	May 17, 1890	10,000
3.....	International Company.....	Nov. 2, 1903	12,500
4 (Reserve).....	Kansas City Fire Department Supply Company.....	Dec. 18, 1893	10,000

Towers are equipped with American-British Company tractors.

TOOLS AND MACHINERY IN REPAIR SHOP.

Blacksmith Shop.	Boiler Room.	Hose and Harness Shop.	Engine Room.	Wheelwright and Machine Shop.
<p>5 forges.</p> <p>1 power hammer.</p> <p>1 gas tire heater.</p> <p>1 fire upsetter.</p> <p>1 punch and shears.</p> <p>1 lever shears.</p> <p>1 tire roller.</p> <p>2 rubber tire setters.</p> <p>1 bolt cutter.</p> <p>1 fan blower.</p> <p>1 power hack saw.</p>	<p>3 vertical tubular boilers, each 75 horse power.</p> <p>2 Blake boiler feed pumps.</p>	<p>1 Buckley electric hose testing and expanding engine.</p> <p>2 electrically-driven sewing machines.</p> <p>Numerous tools and appliances for repairing hose and harnesses.</p>	<p>1 25 horse power steam engine cylinder, 9 by 31.</p> <p>1 Knowltes triplex pump for hose testing.</p> <p>1 15 horse power motor.</p> <p>2 dynamos and engines which supply current to fire alarm and central station.</p> <p>1 Richardson-Phenix motor oil purifier (Model L).</p> <p>1 Two stage air cooled compressor. (Model No.2000).</p>	<p>1 each engine lathes, with foot beds, 28 by 12, 16 by 12, 16 by 9, 14 by 8, and 14 by 6.</p> <p>1 16 by 10 speed lathe.</p> <p>1 16 by 10 wood lathe.</p> <p>1 26 by 26 planer, 8-foot bed.</p> <p>1 planer, 16 by 29, shaper.</p> <p>1 radial drill.</p> <p>3 upright drills.</p> <p>1 wall drill.</p> <p>1 circular saw.</p> <p>1 band saw.</p> <p>1 boring and mortising machine.</p> <p>2 buzz planers.</p> <p>1 grindstone.</p> <p>Numerous small tools.</p> <p>1 Brown & Sharpe universal milling machine.</p> <p>1 motor-driven valve grinding machine.</p>

Also tools for the repair of automobile apparatus.

EXPENDITURES FOR THE YEAR.

Personal Service:			
Permanent employees	\$2,897,595	29	
Temporary employees	874	00	
Unassigned	3,494	36	
			<hr/>
			\$2,901,963 65
Service Other Than Personal:			
Printing and binding	\$15	25	
Advertising and posting	846	20	
Transportation of persons	901	41	
Cartage and freight	399	04	
Hire of teams and auto trucks	397	50	
Light, heat and power	25,683	98	
Rent, taxes and water	3,288	73	
Surety bond and insurance premiums	15	00	
Communication	3,256	35	
Motor vehicle repairs and care	16,632	39	
Care of horses	10	50	
Cleaning	8,415	17	
Disposal of ashes, dirt and garbage	3	00	
Medical	88	00	
Expert	215	00	
Fees, service of venires, etc.,	353	00	
Photographic and blueprinting	1,087	88	
General plant	62,095	35	
			<hr/>
			123,703 75
Equipment:			
Cable, wire, etc.	\$13,346	10	
Electrical	9,118	47	
Motor vehicles	152,089	38	
Furniture and fittings	10,873	65	
Office	1,789	91	
Marine	10	75	
Tools and instruments	47,788	16	
Wearing apparel	27,323	07	
General plant	1,661	18	
			<hr/>
			264,000 67
Supplies:			
Office	\$8,142	28	
Food and ice	900	51	
Fuel	81,952	60	
Forage and animal	26	51	
			<hr/>
<i>Carried forward</i>			\$3,289,668 07

<i>Brought forward</i>		\$3,289,668 07
Medical, surgical, laboratory,	158 58	
Laundry, cleaning, toilet	2,874 57	
Motor vehicle	31,932 12	
Chemicals and disinfectants	2,773 31	
General plant	4,969 42	
	<hr/>	133,729 90
Materials:		
Building	\$18,659 16	
Electrical	2,894 52	
General plant	33,497 71	
	<hr/>	55,051 39
Special Items:		
Pensions and annuities	\$245,485 21	
Workingmen's compensation	72 00	
	<hr/>	245,557 21
		<hr/>
		<u>\$3,724,006 57</u>
Wire Division:		
Personal Service:		
Permanent employees	\$81,638 81	
Service Other Than Personal:		
Transportation of persons	\$2,598 80	
Surety bond and insurance premiums	15 27	
Communication	336 80	
Fees, service of ven- ires, etc.	2 00	
General plant	79 90	
	<hr/>	3,032 77
Equipment:		
Motor vehicles	\$239 76	
Office	519 00	
Tools and instru- ments	3 45	
	<hr/>	762 21
Supplies:		
Office	\$1,903 66	
Motor vehicle	246 00	
	<hr/>	2,149 66
Materials:		
Electrical	\$8 52	
General plant	321 00	
	<hr/>	329 52
Special Items:		
Pensions and annuities	550 00	
	<hr/>	88,462 87
		<hr/>
		<u>\$3,812,469 54</u>

Fire Alarm Signal Station, Back Bay Fens:

Continuation of payments:

Contractor, Thomas O'Connor & Co.	\$107,564 80
Installing Manual Central Fire Alarm Office	
Equipment, Gamewell Company	71,697 00
Architect, O'Connell & Shaw	8,672 81
Heating and ventilating, James S. Cassedy	8,211 75
Electric wiring, etc., M. B. Foster Electric	
Company	3,916 90
Plumbing, James S. Cassedy	3,019 45
Employees	3,106 65
Furnishings	1,175 22
Pedestals	975 00
Tablets	375 00
	<hr/>
	<u>\$208,714 58</u>

New Fire Station, Engine 21, Dorchester:

Payments on account:

Contractor, Archdeacon & Sullivan	\$38,307 15
Architect, Mulhall & Holmes Company	2,868 21
Blueprints	165 17
Test borings	155 25
	<hr/>
	<u>\$41,495 78</u>

Fire Station, Shawmut avenue and Tremont street:

Payments on account:

Architect, Louis J. St. Amand	\$12,420 00
Specifications	676 50
Blueprints	273 86
Advertising	14 00
	<hr/>
	<u>\$13,384 36</u>

RECAPITULATION.

Fire Department	\$3,812,469 54
Fire Alarm Signal Station, Back Bay Fens	208,714 58
New Fire Station, Engine 21, Dorchester	41,495 78
Fire Station, Shawmut avenue and Tremont	
street	13,384 36
	<hr/>
	<u>\$4,076,064 26</u>

INCOME.

Permits for fires in open spaces, fire- works, blasting, transportation and storage of explo- sives	\$22,463 25		
Sale of old material	795 57		
Sale of uniforms, etc.,	29 74		
Sale of badges	892 75		
Damage to hose and cable	182 58		
Damage to fire alarm posts and boxes	1,114 33		
Damage to apparatus,	159 00		
Sale of coal	10 00		
Rent	5 00		
	<hr/>	\$25,652 22	
Wire Division:			
Permits		87,714 53	
		<hr/>	<u>\$113,366 75</u>

ALARMS, FIRE LOSSES AND INSURANCE.

MONTHS.	ALARMS RECEIVED.						LOSS.		INSURANCE.		ALARMS.				Totally Destroyed.									
	Members.	Police.	Citizens.	Telephone.	Automatic.	Unknown.	Total.	Buildings.	Contents.	Building.	Contents.	BELL.		STILL.										
												Fire.	False.	Needless.		Fire.	Needless.							
January	14	19	332	214	25	35	659	\$434,332	\$579,588	\$8,580,224	\$5,029,723	257	34	31	244	78	406	15	94	1	138	249	18	1
February	8	14	303	144	8	42	519	146,133	331,330	6,191,400	6,005,148	215	38	28	177	55	281	5	105	6	95	174	12	6
March	10	17	384	213	11	32	667	203,462	157,263	4,489,878	698,157	285	27	28	274	47	278	6	271	10	91	171	16	10
April	8	9	477	317	14	22	847	191,071	255,435	8,370,469	3,451,350	350	21	19	405	46	325	5	424	6	111	200	14	6
May	7	9	354	161	8	18	557	276,329	284,651	6,661,780	3,971,378	244	19	13	229	46	264	7	207	2	89	163	12	2
June	4	16	408	225	19	39	711	225,119	195,863	7,209,600	1,864,998	289	29	25	296	60	283	5	297	4	94	175	14	4
July	4	10	342	194	6	48	604	179,807	137,746	6,954,708	1,795,788	232	40	26	258	45	258	6	231	1	88	159	11	1
August	4	16	294	170	11	30	525	237,705	191,286	6,648,410	1,160,545	213	29	17	211	48	222	5	196	6	76	138	8	6
September	6	18	305	161	15	44	549	93,749	100,352	2,030,759	1,548,161	209	43	21	200	65	234	2	172	3	82	145	7	3
October	2	15	351	180	4	42	594	161,517	131,385	6,521,808	2,213,943	252	44	17	221	58	293	3	178	2	102	181	10	2
November	7	13	380	239	11	43	693	171,938	107,495	8,512,293	1,090,692	285	44	13	268	75	343	4	205	5	182	151	10	5
December	6	16	435	260	22	38	777	293,686	319,827	12,261,251	3,545,775	291	37	33	300	102	380	9	203	8	196	173	11	8
Totals	80	172	4,385	2,478	154	433	7,702	\$2,614,848	\$2,792,221	\$84,432,580	\$32,375,658	3,122	405	271	3,082	726	3,567	72	2,583	54	1,344	2,079	143	1

CAUSES OF FIRES AND ALARMS FROM JANUARY 1, 1925,
TO JANUARY 1, 1926.

Alarms, false, needless, bell and still.....	1,402	Hot ashes in wooden receptacle.....	67
Alarms, out of city.....	54	Incendiary and supposed, Lamp upsetting and explosion.....	28
Automatic alarms, false and accidental.....	96	Miscellaneous.....	8
Automobiles.....	409	Oil stove, careless use and explosion.....	650
Brush, rubbish, etc.....	1,575	Overheated furnace, stove and boiler.....	36
Careless use lamp, candle, set by rats.....	64	Set by boys.....	115
Careless use matches and Careless use pipe, cigar and cigarettes.....	576	Sparks from chimneys, stove.....	212
Chimneys, soot burning..	716	Sparks from locomotive, engine.....	123
Clothes near stove.....	376	Spontaneous combustion..	33
Defective chimney, stove pipe and boiler.....	19	Thawing water pipes.....	151
Electric wires, motors....	71	Unknown.....	33
Fireworks and firecrackers,	186		564
Gas jet, gas stove.....	55		
Gasolene, naphtha, benzine.....	32		
Grease in ventilator.....	10		
	41		
		Total.....	<u>7,702</u>

1925.	FIRE EXTINGUISHED BY						
	Extinguishers.	Buckets of Water.	Chemical Engines.	Hydrant Streams.	Steamers.	Miscellaneous.	Citizens.
January.....	104	25	124	59	55	89	44
February.....	74	29	100	57	30	69	27
March.....	69	59	120	90	49	126	36
April.....	116	89	143	168	43	137	53
May.....	102	52	101	79	37	68	22
June.....	135	64	116	124	49	70	22
July.....	106	48	99	116	60	55	5
August.....	90	34	94	75	53	48	24
September.....	82	33	85	68	48	58	32
October.....	113	38	115	58	42	69	36
November.....	120	42	116	72	43	123	32
December.....	128	35	132	79	52	127	30
Totals.....	1,234	553	1,345	1,045	561	1,039	373

FIRES WHERE LOSSES EXCEEDED \$15,000.

DATE.	Location and Owner.	Loss.
1925.		
Jan. 1.....	Peterborough street, Mrs. Louis Prang <i>et al.</i>	\$44,807
Jan. 4.....	906 and 908 Beacon street, Scobey Hospital <i>et al.</i>	28,461
Jan. 9.....	Corner Parker and Station streets, Burkhardt Corporation,	20,715
Jan. 13.....	261 Roxbury Street, City of Boston (Miles Standish School),	35,000
Jan. 13.....	30-38 Summer street, The Kennedy Company <i>et al.</i>	227,092
Jan. 14.....	49-55 Haverhill street and 66-70 Traverse street, Boston Supply Company, Inc., <i>et al.</i>	15,811
Jan. 17.....	152 Causeway street, Boston & Maine Railroad.....	71,544
Jan. 20.....	2164-2168 Washington street, D. Siegal <i>et al.</i>	48,352
Jan. 23.....	503-523 Medford street, S. M. Howes Company <i>et al.</i>	22,911
Jan. 23.....	42-46 Stillman street, Boston & Lowell Bottling Company <i>et al.</i>	33,103
Jan. 24.....	103 Medford street, Palmer & Parker.....	26,346
Jan. 27.....	222-230 Commercial street, Howe & Bainbridge <i>et al.</i>	26,590
Jan. 27.....	33-36 Commercial Wharf, Berry Dodge Company <i>et al.</i>	68,835
Jan. 30.....	12 and 14 Winter street, Jackson Confectionery Company <i>et al.</i>	44,392
Feb. 6.....	7S and 80 Beverly street, Gold Brand Confectionery <i>et al.</i> ...	16,707
Feb. 8.....	322-328 Washington street and 1-11 Milk street, F. L. Dunne & Co. <i>et al.</i>	172,725
Feb. 14.....	4 Central Wharf, Central Engineering Company <i>et al.</i>	17,366
Feb. 16.....	119-125 Milk street, New England Telephone and Tele- graph Company.....	42,608
Feb. 20.....	458-462 Harrison avenue and 2-6 Thayer street, Trimount Clothing Company, Inc., <i>et al.</i>	17,058
March 2.....	10 Brainerd road, H. Klayman <i>et al.</i>	15,410
March 8.....	83-93 Stoughton street, J. A. Aicarde.....	28,236
March 16.....	1089-1095 Tremont street, Prince Hall, Masonic Grand Lodge Corporation.....	20,000
March 18.....	20 Belgrade avenue and 4-6 Corinth street, Roslindale Electric Company <i>et al.</i>	24,615
March 27.....	47 Union avenue, Atlantic Cone Company, Inc., <i>et al.</i>	52,647
April 13.....	6-12 Beach street, Hy-Grade Dress Company <i>et al.</i>	36,143
April 14.....	10 and 12 Williams street, Cabel Manufacturing Company <i>et al.</i>	51,030
April 18.....	1112-1118 Boylston street, Arnold Furniture Company <i>et al.</i>	16,228
April 19.....	503-509 Medford street, S. M. Howes Company <i>et al.</i>	158,168
April 21.....	810 and 812 Washington street, Chesterfield Furniture Company <i>et al.</i>	16,253
May 8.....	1-21 South Market street, Boston Fruit & Produce Exchange Company <i>et al.</i>	201,952
May 11.....	43 and 45 West street, Jay's, Inc., <i>et al.</i>	58,360

Fire Losses.— Concluded.

DATE.	Location and Owner.	Loss.
1925.		
May 14.....	7-11 Otis street, Hite & Alkon <i>et al.</i>	\$47,131
May 18.....	959 and 961 Columbus avenue, Landy Brothers <i>et al.</i>	16,958
May 26.....	239 Sumner street, Boston Terminal Refrigerating Company <i>et al.</i>	47,378
May 28.....	6-14 Brattle square, Quincy House <i>et al.</i>	15,503
June 1.....	133 Halleck street, J. A. DeVito & Co. <i>et al.</i>	22,098
June 8.....	36 India street, Natural Products Company <i>et al.</i>	45,903
June 17.....	337 Marginal street, Booth Fisheries Company.....	75,926
June 22.....	93 and 95 Border street, Manson Lumber Company <i>et al.</i> ..	108,401
June 26.....	7 and 8 Fulton place, S. Rubin Company, <i>et al.</i>	19,153
July 3.....	50 Essex street, A. J. Epstein & Co. <i>et al.</i>	30,750
July 5.....	1486 Tremont street, Coca-Cola Company <i>et al.</i>	24,860
July 20.....	165 Ruggles street, Ruggles Street Baptist Church.....	91,349
July 25.....	18-40 Washington street, Oppenheim Brothers & Co. <i>et al.</i> ,	19,103
July 26.....	637 Dudley street, I. A. Hamm <i>et al.</i>	42,707
Aug. 3.....	200 Dartmouth street, A. E. Chandler <i>et al.</i>	15,537
Aug. 11.....	944-948 Saratoga street, E. J. McHugh.....	18,409
Aug. 22.....	44 Mildred avenue, M. R. Thomas <i>et al.</i>	33,475
Aug. 29.....	121 Eutaw street, V. Micaglia <i>et al.</i>	20,340
Aug. 29.....	18-24 Atlantic avenue, Post Publishing Company <i>et al.</i> ...	219,502
Sept. 27.....	1240A-1254 River street, Dedham & Hyde Park Gas Company <i>et al.</i>	42,237
Oct. 4.....	272 and 274 Boylston street and 51 Providence street, G. H. Wirth Company <i>et al.</i>	45,264
Oct. 25.....	520-540 Atlantic avenue, F. P. Bennett & Co., Inc., <i>et al.</i> ..	15,664
Oct. 27.....	22-27 Washington Street North, Ellms, Inc., <i>et al.</i>	21,870
Nov. 4.....	38-48 Cornhill, J. Hubbard & Co. <i>et al.</i>	19,743
Nov. 23.....	104-116 Tremont street, Horlick & Merkins <i>et al.</i>	22,707
Nov. 26.....	Woodman street, Archdiocese of Boston (St. Thomas Parochial School).....	18,943
Dec. 3.....	117-123 Beverly street and 200 Causeway street, American Glue Company <i>et al.</i>	31,233
Dec. 3.....	744-756 Washington street, C. E. Osgood Company <i>et al.</i> ..	16,994
Dec. 6.....	102 Arlington avenue, A. D. Donald <i>et al.</i>	24,845
Dec. 16.....	222 State street and 73 and 75 Commerce street, Johnson-Appleby Company <i>et al.</i>	76,202
Dec. 23.....	21 and 23 South Market street and 27 Chatham street, Standard Preserve Company <i>et al.</i>	43,999
Dec. 24.....	36-42 Fulton street, Abram <i>Re. et al.</i>	63,929
Dec. 29.....	30 and 32 Allston street, R. Goodnow.....	15,328
Dec. 31.....	105-111 Summer street, Eastern Clothing Company <i>et al.</i> ..	24,532

STATISTICS.

Population, January 1, 1925 (estimated)		779,620
Area, square miles		47.81
Number brick, etc., buildings		38,289
Number wooden buildings		83,022
Fires in brick, stone, etc., buildings	2,099	
Fires in wooden buildings	1,468	
Out of city	54	
Not in buildings, false and needless	4,081	
Total alarms		<u>7,702</u>

FIRE LOSS FOR YEAR ENDING DECEMBER 31, 1925.

Buildings, loss insured		\$2,366,057
Contents, loss insured		2,657,999
		<u>\$5,024,056</u>
Buildings, loss not insured	\$248,792	
Contents, loss not insured	134,222	
		<u>383,014</u>
Total loss buildings and contents		<u>\$5,407,070</u>
Marine loss		<u>\$45,225</u>

YEARLY LOSS FOR THE LAST FIFTEEN YEARS.

Year ending January 1, 1912		\$2,232,267
" " " 1, 1913		2,531,017
" " " 1, 1914		* 3,138,373
" " " 1, 1915		3,013,269
" " " 1, 1916		3,004,600
" " " 1, 1917		† 2,372,489
" " " 1, 1918		† 3,981,227
" " " 1, 1919		2,822,109
" " " 1, 1920		2,577,584
" " " 1, 1921		3,139,566
" " " 1, 1922		4,010,201
" " " 1, 1923		3,304,595
" " " 1, 1924		6,286,299
" " " 1, 1925		4,735,595
" " " 1, 1926		5,407,070

* Does not include marine loss of \$1,116,475, steamship "Templemore."

† Does not include marine loss of \$101,312, steamship "City of Naples" *et al.*

‡ Does not include marine loss of \$75,660.

ALARMS FOR THE PAST TEN YEARS.*

YEAR.	Bell.	Still and Automatic.	Totals.
1925.....	3,798	3,904	7,702
1924.....	3,640	4,353	7,993
1923.....	3,239	4,002	7,241
1922.....	2,733	3,401	6,134
1921.....	2,359	2,888	5,247
1920.....	2,029	2,456	4,485
1919.....	2,733	2,690	5,423
1918.....	2,413	2,649	5,062
1917.....	2,252	2,526	4,778
1916.....	2,350	2,128	4,531

* Each fire is treated as having only one alarm.

MEMBERS PENSIONED FROM FEBRUARY 1, 1925, TO
DECEMBER 31, 1925.

John H. Dacey.
James J. Connolly.
Peter F. Gately.
John J. Regan.
John J. Larkin.
John G. Culhane.
John A. Hassey.
Martin F. Ryder.
James J. Smith.
Dennis J. Cadigan.

Frank J. Punch.
George F. Cahill.
William E. Rolfe.
Michael F. Mahoney.
James P. Gallagher.
John H. Coakley.
Joseph F. Prophet.
Webster F. Copithorne.
James Elsworth.
Theodore Gallipeau.

DEATH OF MEMBERS FROM FEBRUARY 1, 1925, TO
DECEMBER 31, 1925.

Andrew J. Jennings.
Daniel F. Kelley.
Owen T. Norton.
James W. McKinney.
Joseph Smith.
Francis B. Boyle.

Edward McDonough.
William A. Haberlin.
John A. Coholan.
John J. Brotherson.
William J. Donnelly.

DEATH OF PENSIONERS FROM FEBRUARY 1, 1925, TO
DECEMBER 31, 1925.

James T. Prendergast.
W. J. Van Etten.
Jacob Schaffer.
Jeremiah J. Hickey.
Edward J. Hogan.

James M. Reed.
J. F. Bolton.
C. W. Stevens.
George L. Spencer.

JOHN E. FITZGERALD MEDAL.

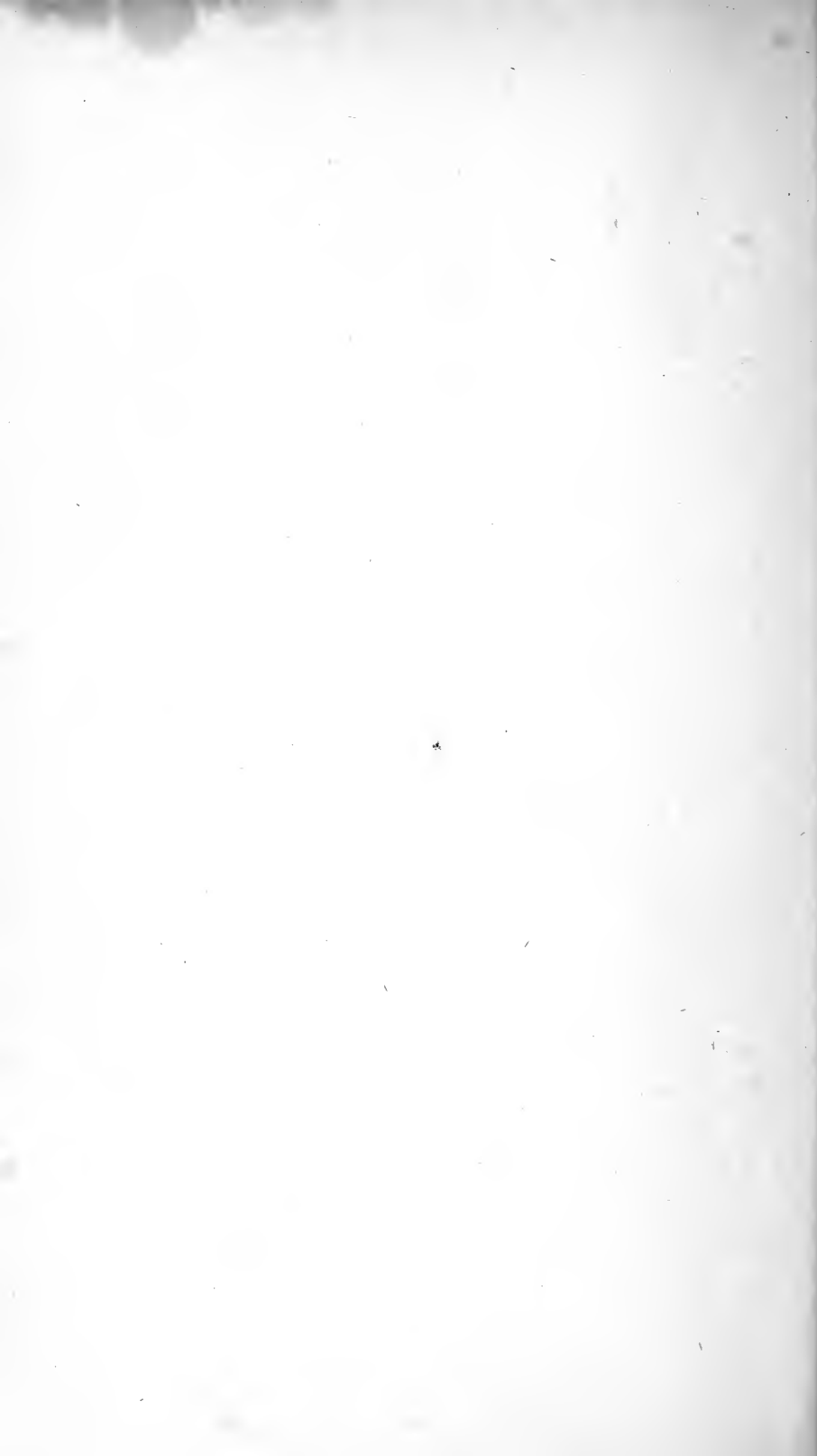
John J. Leary, Ladder 1.
Capt. Daniel J. O'Brien, Engine 10.
Thomas F. Kilduff, Ladder 4.

WALTER SCOTT MEDAL.

Lieut. Dennis J. Condon, Ladder 1.
James H. Curran, Engine 8.
Edward J. Crowley, Chemical 7.

ROLL OF MERIT.

James F. McMahan, District Chief.
Capt. Thomas J. Muldoon, Engine 16.
Capt. Michael J. Teehan, Engine 24.
Capt. Dennis Driscoll, Engine 37.
Lieut. Carl S. Bowers, Aide-to-Chief.
Lieut. Michael J. Dacy, Ladder 20.
John J. Kennedy, Ladderman, Ladder 13.
James E. Downey, Hoseman, Retired.
Lieut. Timothy J. Heffron, Ladder 9.
Capt. Edward McDonough, Engine 6.
Capt. Thomas H. Downey, Engine 22.
Capt. Joseph P. Hanton, Engine 33.
Capt. Frederick F. Leary, Ladder 3.
Lieut. Henry J. Kelly, Engine 32.
Martin A. Kenealy, Capt. Retired.





FEB 12 1929

