

Town of Chelmsford

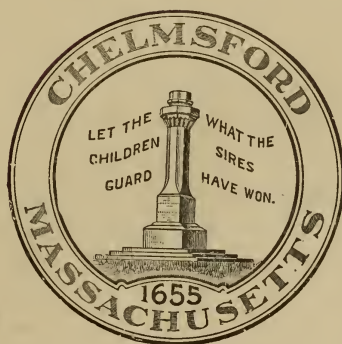
Annual Report



For Year Ending
December 31

1930

ANNUAL REPORT
OF THE
Town of Chelmsford



Receipts and Expenditures

TOGETHER WITH THE

School Report, State Audit and
Water Committee Report

Year Ending December 31

1930

COURIER-CITIZEN Co., PRINTERS
LOWELL, MASS.

Town Clerk's Report

OFFICERS ELECTED

Moderator

WALTER PERHAM
(Term Expires 1931)

Town Clerk

HAROLD C. PETTERSON
(Term Expires 1933)

Selectmen and Board of Public Welfare

ELIPHALET G. BROWN.....Term Expires 1931
FRANK J. LUPIEN.....Term Expires 1932
ROYAL SHAWCROSS.....Term Expires 1933

Treasurer and Tax Collector

ERVIN W. SWEETSER
Resigned August 30, 1930

HAROLD C. PETTERSON
Temporary Until February 2, 1931

Assessors

HERBERT C. SWEETSER.....Term Expires 1931
WARREN WRIGHT.....Term Expires 1932
JOHN E. HARRINGTON.....Term Expires 1933

Tree Warden

WILLIAM SHANKS
(Term Expires 1931)

Board of Health

GEORGE A. McNULTY.....Term Expires 1931
J. CLARK OSTERHOUT.....Term Expires 1932
FREDERIC A. MacELROY.....Term Expires 1933

School Committee

J. EARLE WOTTON.....Term Expires 1931
JOHN A. McADAMS.....Term Expires 1932
EDWARD B. RUSSELL.....Term Expires 1933

Park Commissioners

WALTER MERRILL.....Term Expires 1931
MICHAEL J. WELSH.....Term Expires 1932
FRED L. FLETCHER.....Term Expires 1933

Cemetery Commissioners

C. WESLEY LYONS.....Term Expires 1931
BAYARD C. DEAN.....Term Expires 1932
ARTHUR O. WHEELER.....Term Expires 1933

Trustees of Adams Library

LUELLA H. S. CLARK.....Term Expires 1931.....LOTTIE L. SNOW
FRANCES CLARK.....Term Expires 1932.....WILSON WATERS
ALBERT H. DAVIS.....Term Expires 1933.....FRED W. PARK

Insurance Fund Commissioners

WALTER PERHAM.....Term Expires 1931
ALFRED F. FREEZE.....Term Expires 1932
MILDRED G. RUSSELL.....Term Expires 1933

Constable

HAROLD C. KING
(Term Expires 1931)

APPOINTED TOWN OFFICIALS

Town Accountant

HAROLD C. PETTERSON
(On leave of absence from Aug. 30, 1930)

EMMA DANE
(From Aug. 30, 1930)

Finance Committee

JOHN C. MONAHAN
BIRGER PETTERSON
GEORGE W. DAY
GEORGE E. GAGNON
EMILE E. PAIGNON
JAMES A. GRANT

Superintendent of Streets

WILLIAM SHANKS

Inspector of Animals

ARNOLD C. PERHAM

Fire Engineers

ARCHIBALD COOKE

HARRY SHEDD

JOHN DIXON

Moth Superintendent

WILLIAM SHANKS

Registrars of Voters

JAMES F. LEAHEY.....Term Expires 1931
G. CARLTON BROWN.....Term Expires 1932
KARL M. PERHAM.....Term Expires 1933
HAROLD C. PETTERSON.....Ex-Officio

Town Counsel

JOHN H. VALENTINE

Janitors of Public Halls

JOHN B. WRIGLEY.....Centre Hall, Chelmsford Centre
JUSTIN J. POTTER.....North Hall, North Chelmsford

Sealer of Weights and Measures

CURTIS A. AIKEN

Forest Fire Warden

SIDNEY E. DUPEE

Superintendent of Infirmary

FRANK HANNAFORD

Superintendent of Burials of Indigent Soldiers and Sailors

WALTER PERHAM

Chief of Police

HAROLD C. KING
(To Dec. 9, 1930)

BERNARD McGOVERN

Acting Chief

Regular Police Officers

BERNARD McGOVERN

ARTHUR COOKE

Special Police for General Work

BENJAMIN HEALD

RALPH HULSANDER

WILLIAM REID

EDWARD DRYDEN

Special Police Officers for General Work without pay

JAMES H. GILMORE

GERALD LORMAN

JOHN F. TRAINOR

ALBERT McSWEENEY

CHARLES KOHLER

GEORGE DUFF

JOHN SULLIVAN

Special Police for Protection of School Children

CHARLES CAMPBELL

GEORGE SHEPHERD

GEORGE MARINEL JAMES DRIVER GEORGE LOVETT

Measurers of Sawdust

WILLIAM CLEMENT

CARL DUNNING

RICHARD E. DAVIS

Weighers of Coal and Coke

HAROLD D. MACDONALD

JOHN A. HEALY

ARTHUR HEALY

JOHN J. DUNIGAN

SARAH DUNIGAN

MARY C. HEALY

EDWARD T. HEALY

BURTON GOULD

JAMES LONG

ZOILLE TOUSSIGNANT

Weighers of Hay

HAROLD D. MACDONALD

MYRON A. QUEEN

RICHARD E. DAVIS

SINAI SIMARD

Measurers of Lumber

MYRON A. QUEEN

JOSEPH ERWIN

RICHARD E. DAVIS

ALFRED RENO

OSCAR PALM

CARL DUNNING

WALTER EDWARDS

ARTHUR LAPRISE

LOUIS LOVERING

FRANCIS O. DUTTON

PEARL T. DURRELL

EDWARD B. RUSSELL

JAMES A. BURTON

RAYMOND DORSEY

HARRY L. PARKHURST

ARNOLD MARSHALL

WILLIAM CLEMENT

Measurers of Wood

MYRON A. QUEEN ERVIN W. SWEETSER
RICHARD E. DAVIS WILLIAM CLEMENT
HARRY L. PARKHURST CARL DUNNING
PEARL T. DURRELL HOSMER W. SWEETSER
 JAMES F. DUNIGAN

Measurers of Logs

JAMES A. BURTON ARTHUR LAPRISE

Fence Viewers

WILLIAM REID GEORGE McNULTY

Weighers of Merchandise

JAMES F. LEAHEY JAMES P. WALKER
MARY C. HEALY JAMES F. DUNIGAN
WALTER PERHAM BURTON GOULD
JAMES H. LONG SINAI SIMARD
JOSEPH HEHIR EDWARD T. HEALY
HAROLD D. MACDONALD HERBERT S. RUSSELL
WILLIAM BROWN CLARENCE LEAVITT

Memorial Day Committee

GEORGE W. PETERSON (S. W. V.), ARTHUR COOKE (W. W. V.)
FRED WIGGIN (S. of A. R.)

Weighers of Sand and Gravel

ROY BUNTEL VICTOR BUNTEL

Special Police for Road Work

CHARLES FLAVELL CHARLES H. WILDER

Meat Inspector

ALBERT S. PARK

Superintendent of Schools

GEORGE S. WRIGHT

School Nurse

MAE S. LEWIS

Agent Board of Health

MAE S. LEWIS

Warrant for Annual Town Meeting

FEBRUARY 3, 1930, AND FEBRUARY 10, 1930

Commonwealth of Massachusetts

Middlesex, ss.

To John E. Johnson, a Constable of the Town of Chelmsford,

GREETING:

In the name of the Commonwealth aforesaid you are hereby requested to notify and warn the legal voters of said Chelmsford to meet in their several polling places, viz.:

- Precinct 1, Town Hall, Chelmsford Center.
- Precinct 2, Town Hall, North Chelmsford.
- Precinct 3, Historical Hall, West Chelmsford.
- Precinct 4, School House, East Chelmsford.
- Precinct 5, Liberty Hall, South Chelmsford.
- Precinct 6, Golden Cove School, Westlands.

on Monday, the Third Day of February, 1930, being the first Monday in said month, at 12.00 o'clock noon, for the following purpose:

To bring in their votes for the following officers:

Moderator for one year.

One Town Clerk for three years.

One Selectman for three years.

One member of the Board of Public Welfare for three years.

One Treasurer and Tax Collector for one year.

One Assessor for three years.

One Tree Warden for one year.

One member of the Board of Health for three years.

One School Committeeman for three years.

One Park Commissioner for three years.

One Cemetery Commissioner for three years.

Two Trustees for Adams Library for three years.

One Insurance Fund Commissioner for three years.

One Constable for one year.

All on one ballot.

The polls will be open from 12.00 Noon to 8.00 P. M. and to meet in the Town Hall of Chelmsford Center on the following Monday, the Tenth Day of February, 1930, at 9.30 o'clock in the forenoon, then and there to act on the following articles, viz.:

ARTICLE 1. To hear reports of Town officers and committees; or act in relation thereto.

ARTICLE 2. To raise and appropriate such sums of money as may be required to defray Town charges for the current year.

ARTICLE 3. To see if the Town will authorize the Selectmen to act as its agent in any suit or suits which may arise during the current year; also in such other matters as may arise requiring in their judgment the action of such agent and to employ counsel therefor.

ARTICLE 4. To see if the Town will authorize the Treasurer, with the approval of the Selectmen, to borrow money in anticipation of the revenues of the current financial year.

ARTICLE 4. To see if the Town will vote to appropriate from money already in the hands of the Treasurer, a sum of money not exceeding Two Thousand Dollars (\$2000) to be used as a reserve fund at the discretion of the Finance Committee as provided in the General Laws, Chapter 40, Section 6; or act in relation thereto.

ARTICLE 6. To see if the Town will vote to raise and appropriate the sum of Four Hundred (\$400) or what other sum, for State Aid; or act in relation thereto.

ARTICLE 7. To see if the Town will vote to appropriate from money already in the hands of the Treasurer, a sufficient sum with which to pay bills of 1929, or act in relation thereto.

ARTICLE 8. To see if the Town will authorize the Selectmen to contract with the Lowell Electric Light Corporation for the purpose of installing additional lights at the location hereinafter designated, and to raise and appropriate sufficient money to pay the expenses thereof, viz.:

Four lights on Westford Road.

One light on Boston Road.

Four lights on Lowell Road.

One light on Pine Hill Road.

Six lights on Mill Road.

One light on Billerica Road.

Five lights on Parker Village Road.

Four lights on Proctor Road.

Five lights on Richardson Road.

Two lights on Grand View Road.

Three lights on Park Road.

Three lights on Dunstable Road.

Or act in relation thereto.

ARTICLE 9. To see if the Town will vote to transfer from what is called "The Cushing Mill Pond Appropriation" the sum of Three Hundred Dollars (\$300) to the Excess and Deficiency Account; or to act in relation thereto.

ARTICLE 10. To see if the Town will vote to transfer from the account called "Improving Vinal Square Appropriation" the sum of Twelve Hundred Dollars (\$1200) to the Excess and Deficiency Account; or act in relation thereto.

- ARTICLE 11. To see if the Town will vote to transfer from the account called "New Grammar School Building Fund", Thirty-seven Dollars and Forty-five Cents (\$37.45) to Excess and Deficiency Account; or act in relation thereto.
- ARTICLE 12. To see if the Town will vote to raise and appropriate the sum of One Hundred and Fifty Dollars (\$150) or some other sum, for the purpose of purchasing a power lawn mower; or act in relation thereto.
- ARTICLE 13. To see if the Town will vote to raise and appropriate the sum of One hundred and Seventy-five Dollars (\$175) for the purpose of repairing the Flag Pole located in the Center Village; or act in relation thereto.
- ARTICLE 14. To see if the Town will vote to raise and appropriate the sum of Three Hundred and Fifty Dollars (\$350) or some other sum for the purpose of purchasing and erecting a flag pole on the Common at South Chelmsford; or act in relation thereto.
- ARTICLE 15. To see if the Town will vote to raise and appropriate the sum of Two Hundred Dollars (\$200) or some other sum for the purpose of locating a stone with a tablet affixed to it on the Common in the Center of the village as a memorial to the Chelmsford soldiers who served in the Civil War; or act in relation thereto.
- ARTICLE 16. To see if the Town will vote to raise and appropriate a sum of money for the purpose of printing a report of the revaluation of real estate in Chelmsford; or act in relation thereto.
- ARTICLE 17. To see if the Town will vote to raise and appropriate the sum of Three Hundred Dollars (\$300) or some other amount and elect a director to serve in cooperation with the Middlesex County Trustees for County Aid to Agriculture in the Middlesex County Extension Service, under the provision of Sections 40 to 45, Chapter 128, General Laws of Massachusetts.
- ARTICLE 18. To see if the Town will vote to raise and appropriate the sum of One Thousand Dollars (\$1000) or some other sum for the purpose of purchasing fire hose for the Fire Department; or act in relation thereto.
- ARTICLE 19. To see if the Town will vote to raise and appropriate the sum of Five Thousand Dollars (\$5000) or some other amount for the reconstruction of the Acton Road; two-thirds of the expense to be borne equally by the County and the Commonwealth; or act in relation thereto.
- ARTICLE 20. To see if the Town will vote to raise and appropriate the sum of Five Thousand Dollars (\$5000) or some other amount for the purpose of reconstructing Central Square, in the Center Village; two-thirds of the expense to be borne equally by the County and the Commonwealth; or act in relation thereto.

- ARTICLE 21. To see if the Town will vote to raise and appropriate the sum of Three Thousand Dollars (\$3000) or some other amount for the purpose of reconstructing the Old Westford Road; two-thirds of the expense to be borne equally by the County and Commonwealth; or act in relation thereto.
- ARTICLE 22. To see if the Town will vote to raise and appropriate the sum of One Thousand Dollars (\$1000) or some amount for the purpose of reconstructing the Carlisle-Concord Road; two-thirds of the expense to be borne equally by the County and Commonwealth; or act in relation thereto.
- ARTICLE 23. To see if the Town will vote to raise and appropriate the sum of One Thousand Dollars (\$1000) or some other amount for the purpose of reconstructing the Riverneck Road; two-thirds of the expense to be borne by the County and Commonwealth; or act in relation thereto.
- ARTICLE 24. To see if the Town will vote to raise and appropriate the sum of Two Thousand Dollars (\$2000) or some other amount for the purpose of reconstructing a portion of Newfield Street; or act in relation thereto.
- ARTICLE 25. To see if the Town will vote to instruct the Selectmen to widen and relocate Central Square and to appropriate and use a portion of Central Park, so-called, for the purpose; or act in relation thereto.
- ARTICLE 26. To see if the Town will vote to raise and appropriate the sum of Seventy-two Hundred Dollars (\$7200) or some other sum for the purpose of purchasing an automobile truck for the Highway Department; or act in relation thereto.
- ARTICLE 27. To see if the Town will vote to instruct the Selectmen to lay out Wildwood Street from its termination on the Dalton Road through Perham Park to Chelmsford Street; or act in relation thereto.
- ARTICLE 28. To see if the Town will vote to appoint a committee to investigate the advisability of establishing municipal water systems in different sections of the Town, said committee to make its report and recommendations at the next Town meeting; or act in relation thereto.
- ARTICLE 29. In the event of an affirmative vote under Article 28, to see if the Town will vote to raise and appropriate a sum of money to be expended by the committee created under Article 28 for the purpose of employing a hydraulic engineer to make a survey and estimate the cost of establishing municipal systems; or act in relation thereto.
- ARTICLE 30. To see if the Town will vote to raise and appropriate Two Thousand Dollars (\$2000) or some other sum for the purpose of purchasing from Loren J. Ellinwood, a tract of land containing about 5300 square feet, more or less, with the buildings thereon, and the contents therein, situated on the westerly side of Main Street, in that part of Chelmsford called West Chelmsford. Said property to be used as a fire station. The transaction to be under the supervision of the Board of Fire Engineers; or act in relation thereto.

- ARTICLE 31. In event of an affirmative vote under Article 30, to see if the Town will vote to raise and appropriate the sum of Fifty Dollars (\$50) for the purpose of making a survey of said property and legal expenses incident to the ultimate consumption of said transaction; or act in relation thereto.
- ARTICLE 32. To see if the Town will vote to appropriate from money already in the hands of the Treasurer the sum of One Thousand Dollars (\$1000) or some other amount for the purpose of painting and decorating the old portion of the Adams Library; or act in relation thereto.
- ARTICLE 33. To see if the Town will vote to raise and appropriate a sum of money to pay the expenses incurred in the search for victims drowned in the Merrimack River; or act in relation thereto.
- ARTICLE 34. To see if the Town will raise and appropriate a sum of money for the purpose of purchasing grappling irons and equipment incident thereto; or act in relation thereto.
- ARTICLE 35. To see if the Town will vote to raise and appropriate the sum of Two Thousand Dollars (\$2000) or some other amount for the purpose of improving the Varney Playgrounds at North Chelmsford; or act in relation thereto.
- ARTICLE 36. To see if the Town will vote to accept Sunset Avenue as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 37. To see if the town will vote to accept Sylvan Avenue as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 38. To see if the Town will vote to accept B Street as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 39. To see if the Town will vote to accept McMahon Street as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 40. To see if the Town will vote to accept from Fred E. Varney, title to certain land in that part of Chelmsford called North Chelmsford; the first portion of which is situated on the Northeasterly side of Grant Street; and is lot numbered one hundred and fifty-eight on a plan entitled, "Plan of Land in North Chelmsford, Mass., belonging to the Thomas J. Adams Estate and Charles W. S. Adams, surveyed July and September 1892, Melvin B. Smith, Civil Engineer." The second portion of which is situated on the northerly side of Adams Street and is lots numbered one hundred and fifty-six and one hundred fifty-seven on Plan of Land in North Chelmsford, Mass., belonging to Thomas J. Adams Estate and Charles W. S. Adams, July and September 1892, Melvin B. Smith, C. E., with additions to November 1902, by Smith and Brocks, C. E. S., and additions to August 1919. Said property to be forever used as a playground under the provisions of Chapter 45, Section 14, of the General Laws, and to be part of "The Varney Playgrounds." Or act in relation thereto.

ARTICLE 41. To see if the Town will vote to accept from the J. Cushing Company a lease of the property known as the Russell Mill Pond and an approach thereto; or act in relation thereto.

ARTICLE 42. In the event of an affirmative vote under Article 41, to see if the Town will vote to raise and appropriate the sum of One Thousand Dollars (\$1000) or some other amount, for the purpose of constructing a dam and gate at the Russell Mill Pond and to clean the bed of said pond; or act in relation thereto.

ARTICLE 43. In the event of a negative vote under Article 41, to see if the Town will vote to instruct the Selectmen to seize by right of eminent domain the property known as the Russell Mill Pond, and raise and appropriate the sum of Five Thousand Dollars (\$5000) or some other amount to accomplish this purpose; or act in relation thereto.

ARTICLE 44. To see if the Town will vote to appoint a committee of four to work in conjunction with the School Committee in making a survey of the congested conditions in the schools. The Committee appointed to make a report and recommendations at the next Annual Town Meeting; or act in relation thereto.

ARTICLE 45. To see if the Town will vote to name the Centre Grammar School, so-called, the Susan S. McFarlin School; or act in relation thereto.

ARTICLE 46. In event of an affirmative vote under Article 45, to see if the Town will vote to raise and appropriate the sum of One Hundred and Fifty Dollars (\$150) for the purpose of suitably marking said Grammar School in accordance with the vote under Article 45. The expenditure to be made under the direction of the School Committee; or act in relation thereto.

And you are directed to serve this Warrant by posting attested copies thereof at the Post Office in the Center of the Town, South Chelmsford, North Chelmsford and West Chelmsford and at the School House, Westlands, and at the School House, East Chelmsford, seven days at least before the time appointed for holding the first meeting aforesaid.

Hereof fail not and make return of this Warrant, with your doings thereon, to the Town Clerk at the time and place of holding the first meeting aforesaid.

Given under our hands this twenty-third day of January, in the year of our Lord nineteen hundred and thirty.

GEORGE RIGBY,
ELIPHALET G. BROWN,
FRANK J. LUPIEN,
Selectmen of Chelmsford.

Middlesex, ss.

Pursuant to the within Warrant, I have notified and warned the inhabitants of the Town of Chelmsford, by posting up attested copies of the same at Precinct 1, Post Office, Chelmsford Center; Precinct 2, Post Office, North Chelmsford; Precinct 3, Post Office, West Chelmsford; Precinct 4, School House, East Chelmsford; Precinct 5, Post Office, South Chelmsford; Precinct 6, Golden Cove School House, Westlands, seven days at least before the date hereof as within directed.

JOHN E. JOHNSON,
Constable of Chelmsford.

ELECTION OF OFFICERS

February 3, 1930

At a legal meeting of the Inhabitants of the Town of Chelmsford, qualified to vote on Town affairs, held pursuant to Warrant duly posted, said meeting held February 3, 1930, in the six precincts of the Town of Chelmsford, the following persons received the number of votes set against their respective names for Town offices, as follows:

	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Moderator for One Year—							
Walter Perham, Westford St.	537	485	83	128	49	217	1499
Blanks	107	300	32	100	12	48	599
Total	644	785	115	228	61	265	2098

Selectman for Three Years—							
Milton G. Haire,							
Dunstable Rd.	11	72	4	4	1	12	104
Frederic W. Merrill,							
Old Westford Rd.....	21	22	0	3	2	8	56
George Rigby, Dartmouth St.	122	176	28	97	23	75	521
Michael J. Scollan,							
Mt. Pleasant St.....	11	182	5	5	2	7	212
Royal Shawcross, Newfield St.	471	321	76	111	32	160	1171
Blanks	8	12	2	8	1	3	34
Total	644	785	115	228	61	265	2098

Board of Public Welfare Mem- ber for Three Years—							
Milton G. Haire, Dunstable Rd.	12	82	5	5	2	14	120
Frederic W. Merrill,							
Old Westford Rd.....	26	25	1	3	2	16	73
George Rigby, Dartmouth St.	100	169	26	92	22	70	479
Michael J. Scollan,							
Mt. Pleasant St.....	12	170	4	6	2	10	204
Royal Shawcross, Newfield St.	466	287	68	100	29	138	1088
Blanks	28	52	11	22	4	17	134
Total	644	785	115	228	61	265	2098

Town Clerk for Three Years—							
Harold C. Petterson, Groton Rd.	576	592	95	161	54	221	1699
Blanks	68	193	20	67	7	44	399
Total	644	785	115	228	61	265	2098

Board of Health for Three Years—							
Frederic A. MacElroy,							
Billerica St.	501	210	40	106	54	114	1025
George A. McIntosh,							
Subway Ave.	119	139	40	99	5	127	529
Irving C. Reno, Dunstable Rd.	12	340	17	3	0	10	382
Blanks	12	96	18	20	2	14	162
Total	644	785	115	228	61	265	2098

Town Treasurer and Tax Collector—							
Ervin W. Sweetser, Chelmsford St.	549	564	95	164	51	219	1642
Blanks	95	221	20	64	10	46	456
Total	644	785	115	228	61	265	2098
Assessor for Three Years—							
John E. Harrington, Highland Ave.	463	624	91	147	45	187	1557
Blanks	181	161	24	81	16	78	541
Total	644	785	115	228	61	265	2098
Constable for One Year—							
Abbott L. Emery, Holt St....	22	247	4	21	2	23	319
John E. Johnson, Boston Rd..	118	238	44	52	14	47	513
Harold C. King, Perham St...	486	234	61	139	43	184	1147
Blanks	18	66	6	16	2	11	119
Total	644	785	115	228	61	265	2098
School Committee for Three Years—							
Edward B. Russel, North Rd.	529	183	54	157	47	193	1163
Cyril C. Trubey, Dunstable Rd.	82	503	48	38	6	41	718
Blanks	33	99	13	33	8	31	217
Total	644	785	115	228	61	265	2098
Trustees for Adams Library for Three Years—							
Albert H. Davis, North Rd...	480	329	65	109	37	160	1180
Fred W. Park, Park Ave....	435	327	67	96	39	160	1124
Blanks	373	914	98	251	46	210	1892
Total	1288	1570	230	456	122	530	4196
Tree Warden for One Year—							
William Shanks, Chelmsford St.	564	541	96	168	52	232	1653
Blanks	80	244	19	60	9	33	445
Total	644	785	115	228	61	265	2098
Cemetery Commissioners for Three Years—							
Arthur O. Wheeler, Washington St.	492	556	85	125	46	200	1504
Blanks	152	229	30	103	15	65	594
Total	644	785	115	223	61	265	2098
Park Commissioner for Three Years—							
Fred L. Fletcher, Old Westford Rd.....	531	506	96	138	51	213	1535
Blanks	113	279	19	90	10	52	563
Total	644	785	115	228	61	265	2098

	P.1	P.2	P.3	P.4	P.5	P.6	Total
Insurance Fund Commissioner for Three Years—							
Arnold Perham	2	—	—	—	—	—	2
Mildred G. Russell.....	14	—	—	—	—	1	15
Roy Clough	1	1	—	—	—	—	2
Ralph Berg	2	—	—	—	—	—	2
Charles E. Bartlett.....	2	—	—	—	—	—	2
Leroy Parkhurst	1	—	—	—	—	—	1
Wilbur Lapham	7	—	—	—	—	3	10
Sidney Perham	1	—	—	1	—	—	2
Walter Perham	1	—	—	1	—	1	3
Eustace Fiske	—	—	—	—	1	—	1
Fred Fletcher	—	—	—	—	—	1	1
John C. Monahan.....	—	—	—	—	—	1	1
Alfred Freeze	—	5	—	—	—	—	5
Ed. Swain	—	1	—	—	—	—	1
James Tansey	—	1	—	—	—	—	1
George Rigby	—	1	—	—	—	—	1
David Sullivan	—	1	—	—	—	—	1
Al Sullivan	—	8	—	—	—	—	8
Charles De La Haye.....	—	1	—	—	—	—	1
Arthur Shattuck	—	1	—	—	—	—	1
Leo Larkin	—	1	—	—	—	—	1
J. P. Dunnigan.....	—	1	—	—	—	—	1
Charles Finnick	—	—	—	—	—	1	1
John Murphy	—	1	—	—	—	—	1
Ernest Ferron	—	14	—	—	—	—	14
Blanks	613	747	115	226	60	257	2018
Total	644	785	115	228	61	265	2098

BUSINESS MEETING

February 10, 1930

At a legal meeting of the Inhabitants of the Town of Chelmsford qualified to vote on Town affairs held pursuant to Warrant duly posted, said meeting held at the Upper Town Hall at Chelmsford Center on February 10, 1930, at 9:30 A. M. Moderator Walter Perham called the meeting to order and requested Town Clerk, Harold C. Petterson, to read the Warrant. After the Warrant was partly read, Selectman Eliphalet G. Brown moved that the further reading of the Warrant be waived and it was so voted.

Under Article 1. To hear reports of Officers and Committees. Selectman E. G. Brown reported for the Committee appointed to investigate the advisability of relocating Central Square. Mr. Brown said that the Committee had held a meeting and that said Committee had not any definite plans to submit. The Town report was accepted with the corrections of any typographical errors, and it was voted.

Selectman Brown reported that the Selectmen had no report to make on surveying street lighting system.

In the matter of taking over a part of the North and Boston Roads, by the State, Selectman Brown reported that the Selectmen and the Superintendent of Streets attended a hearing on this matter at the State House on January 28, 1930, before the Commissioner of Public Works and that the Commissioner agreed that the State would take over these roads as State Roads as soon as they were able to do so. This report was accepted and placed on file.

Dr. Waters reported for the Committee appointed for the purpose of bringing in plans and recommendations for a celebration of the Town of Chelmsford's 275th Anniversary, as follows: The Committee has held a number of pleasant meetings and formulated plans, but owing to the fact that no money can be appropriated for such a celebration unless the number of years is exactly divisible by fifty, if the voters wish, this Committee will continue in office, otherwise we wish to be discharged. This report was accepted and placed on file.

The next matter to be taken up was action on Article 33 of the Warrant for the annual Town Meeting held in 1929, the said article having been laid on the table until this time. In regard to the purchase of 15 acres of land on Fish Road so-called to be used for a Public Dump, on a motion made by Harold C. Petterson it was voted to dismiss this article.

Under Article 2. On a motion made by John C. Monahan, it was voted to take this article up immediately after the noon recess at 1 P. M.

Under Article 3. On a motion made by Frank J. Lupien, it was voted that the Town authorize the Selectmen to act as its agent on any suit or suits which may arise during the current year; also in such other matters as may arise requiring in their judgment the action of such agent, and to employ counsel therefor.

At this point of the meeting on a motion made by Fred L. Fletcher, it was voted to again take up Article 1.

Fred L. Fletcher reported for the committee on improving the Varney Playgrounds at North Chelmsford, the following report was read by Mr. Fletcher, the report being made by Mr. Shanks, Superintendent of Streets, who had charge of the work done.

To the Board of Selectmen,
Chelmsford, Massachusetts.
Gentlemen:

I, acting as Chairman of the Varney Playground Committee, not having filed a report on doings there for the annual Town Report, I take pleasure in handing your Board, the report to read at the annual Town Meeting, February 10, 1930.

The Highway Department started work Saturday, June 29, 1929, to do rough grading on the plot that was filled the year before. It took helper and fifteen men two and one-half days before we could get to hauling fill from North side and placing same on South side and West end. We hauled 3891 yards of filling and graded some, making a playground of 160 feet wide by 330 feet long without loaming. My suggestion would be that, if we got \$2000 to finish filling rest of lot and loaming some, that the Town would have a very nice place for recreation.

Respectfully submitted,

WILLIAM SHANKS,
Supt. of Streets, Chelmsford, Mass.

On a motion made by J. C. Monahan, it was voted to accept this report as a report of progress and the committee to continue in office.

Mr. Fletcher reported for the Committee on Improving the Common at Chelmsford Centre, as follows:

The committee appointed for the purpose of "Improving the Common at Chelmsford Centre" herewith render their report on same: This committee beg to report that the work is completed and they have expended the following amounts of money for the following purposes:

For cement and stone work.....	\$1,525.00
For grading, grassing and shrubbing.....	3,576.18
For engineering fees	440.78
For gravel and labor on outside sidewalk.....	106.90
Installing water pipes and meter.....	170.10
For two markers for trees.....	40.00
	<hr/>
	\$5,858.96

The two markers which have just been referred to are in the hands of the committee and will be placed, one in front of each tree, the tree on the Unitarian Church side of the Common was a gift from the Chelmsford Grange and the tree on the Town Hall side of the Common was a gift from the Chelmsford Centre Village Improvement Association.

We respectfully request that the voters assembled here today give a rising vote of "Thanks" to the Chelmsford Grange and the Chelmsford

Centre Village Improvement Association for the splendid spirit shown by these associations making these gifts to add to the beauty of this plot of land so centrally situated.

We also will say that a balance of \$141.04 was turned back to the Town out of the appropriation made of \$6000.00.

As this committee has completed their work, we beg that their report be accepted and this committee discharged.

ROY A. CLOUGH,
Chairman.

Report made by Fred L. Fletcher.

The Chelmsford Grange and the Chelmsford Centre Village Improvement Association were given a voice vote of thanks for the two trees given and planted on the Common at Chelmsford Centre and it was voted to accept this report and to discharge this committee.

Under Article 4. On a motion made by Frank J. Lupien, it was voted, that the Treasurer be and he is hereby authorized and empowered to borrow money with the approval of the Board of Selectmen from time to time in anticipation of the revenue of the financial year beginning January 1, 1930, and to issue a note or notes therefor payable within one year, any debt or debts incurred under this vote to be paid from revenue of such financial year.

Under Article 5. On a motion made by John C. Monahan, it was voted, to raise and appropriate the sum of \$2000.00 as a Finance Committee Reserve Fund in accordance with the provisions of General Laws. Chapter 40, Section 6, to be expended under the direction of the Finance Committee.

Under Article 6. On a motion made by Frank J. Lupien, it was voted to raise and appropriate the sum of \$400.00 for State Aid.

Under Article 7. On a motion made by Eliphalet G. Brown, it was voted to raise and appropriate the sum of \$1151.56 with which to pay unpaid bills for this year 1929.

Under Article 8. On a motion made by Frank J. Lupien, it was voted to raise and appropriate the sum of \$314.00 for the purpose of installing fifteen additional street lights and that the Selectmen be authorized to contract with the Lowell Electric Light Corporation for the same, the locations of these lights to be designated by the Board of Selectmen.

Under Article 9. On a motion made by Eliphalet G. Brown, it was voted to transfer the sum of \$300.00 from the Cushing Mill Pond appropriation to the Excess and Deficiency Account.

Under Article 10. On a motion made by Eliphalet G. Brown, it was voted to transfer \$1200.00 from the account called Improving Vinal Square to the Excess and Deficiency Account.

Under Article 11. On a motion made by Eliphalet G. Brown, it was voted to transfer the sum of \$37.45 from the account called the "New Grammar School Account" to the Excess and Deficiency Account.

Under Article 12. On a motion made by Fred L. Fletcher, it was voted to raise and appropriate the sum of \$150.00 to purchase a power lawn mower for use of Park Department.

Under Article 13. On a motion made by Fred L. Fletcher, it was voted to raise and appropriate the sum of \$175.00 for the purpose of repairing the flag pole located at the Centre Village.

Under Article 14. On a motion made by John C. Monahan, it was voted that a committee of three be appointed by the Moderator regarding erecting a flag pole at South Chelmsford and said Committee to report at a future meeting. The Moderator appointed Emile E. Paignon, Sidney E. Dupee and Wilbur Lapham, as this committee.

Under Article 15. On a motion made by John C. Monahan it was voted that the Moderator appoint a committee of three, consisting of one member of the Veteran's Association, one member of Spanish War Veterans, and one member of World War Veterans to report on erecting a suitable memorial to be located on the Common at Chelmsford Centre, said Committee to report at a future Town Meeting. The Moderator appointed Frank A. P. Coburn, George W. Peterson and Wilhelm T. Johnson as this Committee.

Under Article 16. In regard to the printing of a report of revaluations, it was voted to dismiss this article. This motion was made by John C. Monahan.

Under Article 18. On a motion made by Sidney E. Dupee, it was voted to raise and appropriate \$500.00 for the purpose of purchasing fire hose for the Fire Department, this money to be spent under the supervision of the Board of Fire Engineers.

Under Article 17. On a motion made by Frank J. Lupien, it was voted to raise and appropriate for Aid to Agriculture and Home Economics the sum of \$300.00, and Perley Kimball was elected Director.

Under Article 19. On a motion made by Frank J. Lupien, it was voted to raise and appropriate the sum of Four Thousand Dollars for the purpose of reconstructing Acton Road. Two-thirds of the expense of said reconstruction to be borne equally by the County and Commonwealth.

At this point of the meeting it was voted to adjourn until 1 P. M.

As voted under Article 2 before the noon recess, the next article in order to be taken up is Article 2.

Under Article 2. It was voted to raise and appropriate the following sums of money to defray Town charges for the current year.

GENERAL GOVERNMENT:

Moderator's Salary	\$ 10.00
Selectmen's Salary	750.00
Selectmen's Expense	200.00
Town Clerk and Accountant's Salary	2,000.00
Town Clerk and Accountant's Expense.....	200.00
Collector and Treasurer's Salary	2,000.00
Collector and Treasurer's Expense	400.00
Collector and Treasurer's Bond	535.70
Assessors' Salaries	2,000.00
Assessors' Expense	350.00
Town Counsel Salary	300.00
Election and Registration	900.00
Finance Committee Expense	25.00
Public Buildings, Janitor Salary	950.00
Public Buildings, Fuel, Light, Water	725.00
Public Buildings, Other Expense	65.00
<i>Total for General Government.....</i>	<i>\$11,410.70</i>

PROTECTION OF PERSONS AND PROPERTY:

Police Department (as amended)	\$ 7,200.00
Fire Department, Administration	3,800.00
Fire Department, Maintenance	3,800.00
Fire Department, Labor and Expenses at Fires.....	600.00
Hydrant Service, Centre	750.00
Hydrant Service, North Chelmsford	750.00
Hydrant Service, West Chelmsford	20.00
Sealer of Weights and Measures.....	250.00
Moth Department	2,400.00
Tree Warden	400.00
Forest Fire Department	1,000.00
<i>Total for Protection of Persons and Property.....</i>	<i>\$20,970.00</i>

HEALTH AND SANITATION:

Board of Health, Salaries (as amended)	\$ 500.00
Board of Health, Agent's Salary	350.00
Board of Health, Aid	650.00
Board of Health, Maintenance	200.00
Board of Health, Meat Inspector's Salary	600.00
Board of Health, Milk Inspector's Salary	350.00
Board of Health, Care of Warren Avenue Dump.....	150.00
Board of Health, Physician's Salary	100.00
<i>Total for Health and Sanitation.....</i>	<i>\$ 2,900.00</i>

HIGHWAYS:

Superintendent's Salary	\$ 2,500.00
General Highway	21,000.00
Truck Maintenance	2,200.00
Oil	8,000.00
Cutting Brush	600.00
Street Signs	150.00
Street Lighting (as amended).....	15,657.36
<i>Total for Highways</i>	<i>\$50,107.36</i>

PUBLIC WELFARE:

Board of Public Welfare, Salaries.....	\$ 325.00
Board of Public Welfare, Maintenance.....	20.00
Outside Poor	10,000.00
Infirmary, Superintendent's Salary	900.00
Infirmary, Expense	2,400.00
Infirmary, Repairs	150.00
Soldiers' Relief	500.00

Total for Public Welfare \$14,295.00

SCHOOL DEPARTMENT:

Administration	\$ 4,500.00
Instruction	69,230.00
New Equipment	1,000.00
Operation and Maintenance	18,400.00
Auxiliary Agencies	11,325.00

Total for School Department.....\$104,455.00

VOCATIONAL SCHOOL:

Tuition plus Dog Tax.....	\$ 2,000.00
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Total \$ 2,000.00

LIBRARIES:

Adams Library	\$ 2,350.00
North Chelmsford Library	1,200.00

Total for Libraries..... \$ 3,550.00

RECREATION AND UNCLASSIFIED:

Parks	\$ 1,000.00
Memorial Day	500.00
Town Clock	30.00
Public Buildings, Insurance	545.00
Band Concerts	400.00
Insurance Sinking Fund	3,500.00
Bond, Treasurer Ins. Sinking Fund	40.00
Animal Inspector	200.00
Town Reports (as amended)	630.55

Total for Recreation and Unclassified..... \$ 6,845.55

CEMETERIES:

Commissioners' Salaries	\$ 105.00
Forefathers Cemeteries	500.00
Hart Pond Cemetery	500.00
Pine Ridge Cemetery	500.00
Riverside Cemetery	500.00
West Chelmsford Cemetery	500.00
Fairview Cemetery	250.00

Total for Cemeteries \$ 2,855.00

Under Article 20. On a motion made by Eliphalet G. Brown, it was voted to raise and appropriate the sum of Four Thousand Dollars for the purpose of reconstructing Central Square, in the Centre Village. Two-thirds of the expense of said reconstruction to be borne equally by the County and Commonwealth.

Under Article 21. On a motion made by Frank J. Lupien, to raise and appropriate the sum of One Thousand Dollars for the purpose of reconstructing the Old Westford Road. Two-thirds of the expense to be borne equally by the County and Commonwealth, this motion was amended by raising the sum to Two Thousand Dollars, the amendment was made by Fred L. Fletcher, the amendment was lost and the original motion was carried.

Under Article 22. On a motion made by Eliphalet G. Brown, it was voted to raise and appropriate the sum of One Thousand Dollars for the purpose of reconstructing the Carlisle-Concord Road. Two-thirds of the expense to be borne equally by the County and Commonwealth.

Under Article 23. On a motion made by Eliphalet G. Brown, it was voted to raise and appropriate the sum of One Thousand Dollars for the purpose of reconstructing the Riverneck Road. Two-thirds of the expense to be borne equally by the County and Commonwealth.

Mr. James P. Dunigan moved as an amendment that this Article be laid on the table until after Articles 28 and 29 be disposed of, the amendment was defeated.

Under Article 24. On a motion made by Frank J. Lupien, it was voted to raise and appropriate the sum of Two Thousand Dollars for the purpose of reconstructing portion of Newfield Street.

Under Article 25. Regarding instructing the Selectmen to relocate Central Square and to appropriate and use a portion of Central Park, it was voted to dismiss this Article; this motion was made by Eliphalet G. Brown.

Under Article 26. On a motion made by Eliphalet G. Brown, it was voted to raise and appropriate the sum of Seventy-two Hundred Dollars for the purpose of purchasing an automobile truck to be used by the Highway Department. Said purchase to be made by and in behalf of the Town by the Selectmen and they be and hereby authorized to consummate said transaction.

Under Article 27. On a motion made by Frank J. Lupien, it was voted to instruct the Selectmen to lay out Wildwood Street from its termination on the Dalton Road through Perham Park to Chelmsford Street.

Under Article 28. On a motion made by J. Clark Osterhout, it was voted to appoint a committee consisting of J. C. Monahan, Harold Petter-son, George Gagnon, Harry L. Shedd, Emile Paignon, R. W. Barris to investigate fully the best and proper means of establishing a water supply for the Town of Chelmsford and to study ways, means and costs of supplying water to the more thickly settled parts of East, West and South Villages and other sections of the Town, and that this committee bring their report and recommendations at the next annual Town Meeting.

Under Article 29. On a motion made by Mr. J. C. Osterhout, it was voted to raise and appropriate the sum of \$1500.00 for the purpose of investigating the matter under Article 28 and employing a Water Engineer therefor.

Under Article 30. Mr. Willis MacComb reported for the committee to investigate the subject matter of this article as follows: The committee appointed to investigate the advisability of purchasing Historical Hall for fire house purposes submit the following report:

After considering the Fire Department needs at West Chelmsford and after making a thorough inspection of the building, we recommend that the Town purchase from Loren J. Ellinwood for the sum of \$2000.00 Historical Hall in West Chelmsford with land and contents for Fire Department purposes.

ARCHIBALD COOKE,
SIDNEY E. DUPEE,
J. A. GRANT,
ROGER W. BOYD,
WILLIS L. MACCOMB.

On a motion made by Willis L. MacComb, it was voted to raise and appropriate the sum of Two Thousand Dollars for the purpose of purchasing from Loren J. Ellinwood a tract of land containing about 5300 square feet of land more or less, with the buildings thereon, and the contents therein situated on the westerly side of Main Street in that part of Chelmsford called West Chelmsford, the said property to be used as a fire station. The transaction to be under the supervision of the Board of Engineers who shall have power and authority to accept a good and sufficient deed from the owner in behalf of the Town of Chelmsford.

Under Article 31. On a motion made by Archibald Cooke, it was voted to raise and appropriate the sum of Fifty Dollars for the purpose of making a survey and legal expenses incident to the real and personal property purchase under Article 30.

Under Article 32. On a motion made by Albert H. Davis, it was voted to raise and appropriate \$750.00 for the purpose of painting and decorating the old portion of the Adams Library.

Under Article 33. On a motion made by Frank J. Lupien, it was voted to raise and appropriate the sum of \$268.32 to reimburse the Police Department for the cost of searching for victims drowned in the Merrimack River in Chelmsford.

Under Article 34. On a motion made by Archibald Cooke, it was voted to raise and appropriate the sum of \$225.00 for the purpose of purchasing grappling irons and equipment incident thereto.

Under Article 35. On a motion made by George Gagnon, it was voted to raise and appropriate the sum of Two Thousand Dollars for the purpose of improving the Varney Playgrounds at North Chelmsford. The money to be expended by the committee created to improve said Varney Playgrounds.

Under Article 36. In regard to the acceptance of Sunset Avenue Extension, it was voted to dismiss the Article.

Under Article 37. On a motion made by Eliphalet G. Brown, it was voted to accept Sylvan Avenue Extension as laid out by the Selectmen as shown in their report duly filed in the office of the Town Clerk.

Under Article 38. On a motion made by Frank J. Lupien, it was voted to postpone the acceptance of B Street, so-called, be deferred until the next annual Town Meeting.

Under Article 39. On a motion made by Frank J. Lupien, it was voted to accept McMahan Street as laid out by the Selectmen as shown in their report duly filed in the office of the Town Clerk.

Under Article 40. On a motion made by George E. Gagnon and seconded by Frank J. Lupien, it was voted to accept the land as described in Article 40 of the Warrant for this meeting, said land to be used for playground purpose.

Under Article 41. It was ruled by the Moderator that no action could be taken under this Article.

Under Article 42. It was ruled by the Moderator that no action could be taken under this Article.

Under Article 43. It was ruled by the Moderator that no action could be taken under this Article.

Under Article 44. On a motion made by Edward B. Russell, it was voted to appoint a committee of four, namely, Loren Ellinwood, Mrs. William P. Picken, Mr. Warren Wright and Mr. Harry Shedd, to work in conjunction with the School Committee in making a survey of the congested conditions in the schools, and that this committee be instructed to report to the Town and make recommendations at a special meeting called for that purpose or at the next annual Town Meeting.

Under Article 45. On a motion made by John A. McAdams, it was voted to designate the Centre Grammar School, so-called, as the Susan S. McFarlin School.

Under Article 46. On a motion made by John A. McAdams, it was voted to raise and appropriate the sum of One Hundred and Fifty Dollars for the purpose of suitably marking the Susan S. McFarlin School, the expenditure of this money to be made under the direction of the School Committee.

Voted to adjourn the meeting at 4.40 P. M.

HAROLD C. PETTERSON, Clerk.

WALTER PERHAM, Moderator.

WARRANT FOR SPECIAL TOWN MEETING

At Upper Town Hall, Chelmsford Centre, Tuesday Evening,
September 2, 1930

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

To Harold C. King, a Constable of the Town of Chelmsford.

GREETING:

In the name of the Commonwealth aforesaid you are hereby required to notify and warn the legal voters of said Chelmsford to meet in the Upper Town Hall, at Chelmsford Centre, on Tuesday, the Second day of September, 1930, at eight o'clock in the evening, then and there to act upon the following Articles:

ARTICLE 1. To see if the Town will vote to transfer from the account entitled "Fund for the Purchase of a Highway Truck" to an account to be entitled "Fund for the Fire Alarm System", Six Hundred Dollars or some other sum; or act in relation thereto.

ARTICLE 2. To see if the Town will vote to transfer from the account entitled "Fund for the Purchase of a Highway Truck" to an account to be entitled "Fund to be used for the purpose of painting the Town Hall at North Chelmsford", Six Hundred Dollars, or some other sum; or act in relation thereto.

ARTICLE 3. To see if the Town will vote to give the control and supervision to the Board of Selectmen of a garage and the land necessarily incident thereto belonging to the Town, located on Washington Street in that part of Chelmsford called North Chelmsford; or act in relation thereto.

ARTICLE 4. To see if the Town will vote to transfer from the account entitled "Riverneck Road Fund" to the account entitled "General Highway Fund", One Thousand Dollars or some other amount; or act in relation thereto.

ARTICLE 5. To see if the Town will vote to transfer from the account entitled "Fund for the purchase of a highway truck" to the Park Department Account, Three Hundred and Fifty Dollars, or some other sum, for the purpose of grading the park at Central Square; or act in relation thereto.

ARTICLE 6. To see if the Town will vote to accept Sleeper Street as laid out by the Selectmen as shown in their report duly filed in the office of the Town Clerk; or act in relation thereto.

ARTICLE 7. To see if the Town will vote to accept an extension of Sunset Avenue as laid out by the Selectmen as shown in their report duly filed in the office of the Town Clerk; or act in relation thereto.

ARTICLE 8. To see if the Town will vote to transfer Two Hundred and Twenty-four Dollars from the account entitled "Fund for the purchase of a Highway Truck" to the Town Treasurer and Collector expense account; or act in relation thereto.

ARTICLE 9. To see if the Town will appropriate from the Excess and Deficiency Fund, Seven Hundred and One Dollars, or some other sum, to the Town Treasurer and Collector expense account; or act in relation thereto.

ARTICLE 10. To see if the Town will appropriate from the Excess and Deficiency Fund, One Hundred and Forty-five Dollars, or some other sum, to be used for the care and maintenance of public buildings; or act in relation thereto.

ARTICLE 11. To see if the Town will appropriate Two Hundred and Eighty Dollars and Thirty-eight Cents from the Excess and Deficiency Fund and transfer same to the Vocational School Account; or act in relation thereto.

ARTICLE 12. To see if the Town will vote to appropriate Seventy-seven Dollars and Fifty Cents from the Excess and Deficiency Fund account, to pay Unpaid bills of 1928 and 1929; or act in relation thereto.

ARTICLE 13. To see if the Town will vote to raise and appropriate One Thousand Dollars or some other sum for the purpose of grading the grounds at the Adams Library. The expenditure to be under the direction of the Board of Trustees of said Library; or act in relation thereto.

AND YOU ARE directed to serve this Warrant by posting attested copies thereof at the Post Offices in the Centre of the Town; South Chelmsford; School House, East Chelmsford, and at the Golden Cove School House, Westlands; seven days at least before the time appointed for holding the meeting aforesaid.

HEREOF FAIL NOT, and make return of this Warrant with your doings therein, to the Town Clerk, at the time and place of holding the meeting aforesaid.

GIVEN UNDER OUR HANDS this twenty-second day of August, in the year of our Lord nineteen hundred and thirty.

ELIPHALET G. BROWN,
FRANK J. LUPIEN,
ROYAL SHAWCROSS,

Selectmen of Chelmsford, Massachusetts.

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

Pursuant to the within Warrant I have notified and warned the inhabitants of the Town of Chelmsford by posting up attested copies of the same at the post offices in the Centre of the Town, South Chelmsford, North Chelmsford, West Chelmsford, at the School House, East Chelmsford, and at the Golden Cove School House at the Westland, seven days before the date hereof as within directed.

HAROLD C. KING,
Constable of Chelmsford.

SPECIAL TOWN MEETING

September 2, 1930

At a special Meeting of the inhabitants of the Town of Chelmsford qualified to vote in Town affairs, held pursuant to warrant duly posted, said meeting held at the Upper Town Hall at Chelmsford Centre September 2, 1930, at 8 P.M. The meeting was called to order by Moderator Walter Perham and by order of the Moderator the warrant was partly read, when Selectman Brown made a motion to waive the further reading of the Warrant and it was so voted.

Under Article 1. On a motion made by Archie Cooke, it was voted to transfer from the account entitled "Fund for the purchase of a highway truck" to the account entitled "Fund for the fire alarm system," six hundred dollars.

Under Article 2. On a motion made by Selectman Brown, it was voted to transfer and appropriate from the fund entitled "Fund for the purchase of a highway truck" \$540.00 to be used for the purpose of painting the Town Hall at North Chelmsford.

Under Article 3. Frank J. Lupien made a motion that the Town vote to give the control and supervision of the garage and the land necessarily incident thereto, located on Washington Street in North Chelmsford to the Board of Selectmen. This motion was defeated. The vote was questioned and the Moderator asked that seven voters rise, not a single voter arose, and the original result stood.

Under Article 4. On a motion made by Selectman Brown, it was voted to transfer one thousand dollars from the Riverneck Road Fund to the Highway General account.

Under Article 5. On a motion made by Park Commissioner Fletcher it was voted to transfer three hundred-fifty dollars from the fund entitled "Fund for the purchase of a highway truck" to the Park department account.

Under Article 6. On a motion made by Selectman Lupien, it was voted to accept Sleeper Street as laid out by the Selectmen as shown in their report duly filed in the office of the Town Clerk.

Under Article 7. On a motion made by Selectman Brown, it was voted to accept an extension of Sunset Avenue, as laid out by the Selectmen as shown in their report duly filed in the office of the Town Clerk.

Under Article 8. On a motion made by Selectman Lupien, it was voted to transfer two hundred and twenty-four dollars from the Fund for the purchase of a highway truck to the Town Treasurer and Collectors expense account.

Under Article 9. On a motion made by Selectman Lupien it was voted to transfer seven hundred and one dollars from the Excess and deficiency fund to the Town Treasurer and Collectors expense account.

Under Article 10. On a motion made by Selectman Brown, it was voted to appropriate from the Excess and Deficiency Fund, one hundred and forty-five dollars to be used for the Care and Maintenance of public buildings.

Under Article 11. On a motion made by Selectman Lupien, it was voted to appropriate two hundred-eighty dollars and thirty-eight cents from the Excess and Deficiency Fund and transfer same to the Vocational School account.

Under Article 12. On a motion made by Selectman Brown, it was voted to appropriate seventy-seven dollars and fifty cents from the Excess and Deficiency fund to pay unpaid bills of 1928 and 1929.

Under Article 13. On a motion made by Selectman Brown it was voted to appropriate from the Excess and Deficiency account to an account called Grading the Grounds at the Adams Library the sum of \$1000.00 and that the expenditure of money be made under the supervision of the Adams Library Trustees.

Voted to adjourn this meeting at 9:25 P.M.

WALTER PERHAM, Moderator.

HAROLD PETERSON, Clerk.

WARRANT FOR STATE PRIMARY

THE COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

To Harold C. King, Constable of the Town of Chelmsford.

Greeting:

In the name of the Commonwealth you are hereby required to notify and warn the inhabitants of said town who are qualified to vote in Primaries to meet in their several polling places:

- Precinct 1, Town Hall, Chelmsford Centre.
- Precinct 2, Town Hall, North Chelmsford.
- Precinct 3, Historical Hall, West Chelmsford.
- Precinct 4, School House, East Chelmsford.
- Precinct 5, Liberty Hall, South Chelmsford.
- Precinct 6, Golden Cove School House, Westlands.

Tuesday, the sixteenth day of September, 1930, at Twelve o'clock Noon for the following purposes: To bring in their votes to the Primary Officers for nomination of candidates of Political Parties for the following offices:

- Governor for this Commonwealth.
- Lieutenant Governor for this Commonwealth.
- Secretary of the Commonwealth for this Commonwealth.
- Treasurer and Receiver-General for this Commonwealth.
- Auditor of the Commonwealth for this Commonwealth.
- Attorney General for this Commonwealth.
- Senator in Congress for this Commonwealth.
- Representative in Congress for Fifth Congressional District.
- Councillor—Sixth Councillor District.
- Senator—Eighteenth Senatorial District.
- One Representative in General Court—11th Representative District.
- District Attorney—Middlesex County.
- Register of Probate and Insolvency—Middlesex County.
- County Commissioner—Middlesex County.
- Associate County Commissioner (2)—Middlesex County.
- County Treasurer—Middlesex County

and for the election of the following officers:

District number of State Committee for each political party for the 8th Senatorial District.

- Thirty members of the Republican Town Committee.
- Ten members of the Democratic Town Committee.
- Six Delegates to State Conventions of the Republican Party.
- Ten Delegates to State Convention of the Republican Party.

All of the above Candidates and officers are to be voted for upon one ballot.

The polls will be open from twelve o'clock Noon to eight o'clock P.M.

And you are directed to serve this warrant by posting attested copies thereof at the Post Offices in the Centre of the Town, South Chelmsford, North Chelmsford, and West Chelmsford, at the School House at East Chelmsford and at the Golden Cove School House, Westlands, seven days at least before the time of said meeting as directed by vote of the Town.

Hereof fail not and make return of the Warrant with your doings thereon at the time and place of said meetings.

Given under my hands this eighth day of September, A.M., 1930.

ELIPHALET G. BROWN,
FRANK J. LUPIEN,
Selectmen of Chelmsford.

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

Pursuant to the within Warrant I have notified and warned the inhabitants of the Town of Chelmsford by posting up attested copies of the same at the Post Offices in the Centre of the Town, South Chelmsford, North Chelmsford, West Chelmsford and at the School House, East Chelmsford and at the Golden Cove School House, Westlands, seven days before the date hereof as within directed.

HAROLD C. KING,
Constable of Chelmsford.

Chelmsford, Monday, September 8, 1930.

STATE PRIMARIES

September 16th, 1930

At a legal meeting of the Inhabitants of the Town of Chelmsford qualified to vote in State Primaries, said meeting held pursuant to Warrant duly posted in the six precincts in the Town of Chelmsford, the following candidates received number of votes set against their respective names, as follows:

	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
<i>Governor</i>							
Frank G. Allen, 289 Walpole St., Norwood, R.....	475	186	49	52	31	159	952
John D. Devir, 319 Pearl St., Malden, R.....	25	12	4	1	0	5	47
Blanks	13	19	0	5	2	7	46
Total	513	217	53	58	33	171	1045
<i>Lieutenant-Governor</i>							
William Sterling Youngman, 10 Orkney Rd., Boston, R...	466	188	49	50	31	157	941
Blanks	47	29	4	8	2	14	104
Total	513	217	53	58	33	171	1045
<i>Secretary</i>							
Frederic W. Cook, 75 Benton Rd., Somerville, R.....	447	184	46	50	28	126	881
Blanks	66	33	7	8	5	45	164
Total	513	217	53	58	33	171	1045
<i>Treasurer</i>							
James William Bean, 5 Ellsworth Pl., Cambridge.....	39	23	5	10	6	18	101
Fred Jefferson Burrell, 7 Revere Pl., Medford.....	63	32	7	18	4	27	151
Charles Lawrence Burrill, 27 Pinckney St., Boston....	54	32	2	6	4	20	118
Russell D. Chase, 78 Farmington Ave., Longmeadow.....	211	62	20	3	5	59	360
Ezra D. Whitaker, 40 Quincy St., North Adams.....	3	6	3	1	2	2	17
George B. Willard, 1911 Beacon St., Brookline.....	28	11	4	5	3	1	52
John K. Withington, 349 Mt. Vernon St., Dedham.....	4	4	1	0	1	6	16
Russell Abner Wood, 9 Whittier St., Cambridge.....	23	17	3	9	3	8	63
Blanks	88	30	8	6	5	30	167
Total	513	217	53	58	33	171	1045
<i>Auditor</i>							
Joseph N. Carriere, 111 Lawrence St., Fitchburg.....	221	68	23	7	11	52	382
Alonzo B. Cook, 28 Wales St., Boston	220	128	24	43	17	93	525
Blanks	72	21	6	8	5	26	138
Total	513	217	53	58	33	171	1045

<i>Attorney-General</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Joseph E. Warner, 52 Church St., Taunton.....	430	177	46	50	30	138	871
Blanks	83	40	7	8	3	33	174
Total	513	217	53	58	33	171	1045

Senator in Congress

William M. Butler, 231 Commonwealth Ave., Boston....	320	110	27	29	18	95	599
Eben S. Draper, Adin St., Hopedale	152	92	23	26	12	66	371
Andrew Joseph Gillis, 5 Greenleaf St., Newburyport.....	16	10	1	2	1	3	33
Blanks	25	5	2	1	2	7	42
Total	513	217	53	58	33	171	1045

Congressman, Fifth District

Edith Nourse Rogers, 444 Andover St., Lowell.....	479	191	51	52	33	163	969
Blanks	34	26	2	6	0	8	76
Total	513	217	53	58	33	171	1045

Councillor, Sixth District

Joseph O. Knox, 25 Sagamore St., Medford.....	28	41	4	3	3	9	88
George E. Marchand, 396 Pine St., Lowell.....	49	35	3	10	5	26	128
Walter Perham, Westford St., Chelmsford	394	130	41	40	23	126	754
Georgé W. Pratt, 35 Clark St., Somerville	14	4	2	1	2	1	24
Blanks	28	7	3	4	0	9	51
Total	513	217	53	58	33	171	1045

Senator, Eighth Middlesex District

Edward Gaston Campbell, 15 Fred St., Lowell.....	62	20	4	5	7	12	110
John H. Preston, 19 Bertram St., Lowell.....	121	61	6	15	8	54	265
Charles A. Stevens, 377 Wilder St., Lowell.....	216	69	35	33	16	63	432
William J. White, Jr., 291 Wilder St., Lowell.....	56	56	6	5	2	31	156
Blanks	58	11	2	0	0	11	82
Total	513	217	53	58	33	171	1045

<i>Representative in General Court, Eleventh Middlesex District</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
George E. Ford, Whitcomb Ave., Littleton.....	40	14	1	2	2	7	66
Louis Pfeiffer, South Rd., Bedford	161	76	7	3	12	71	330
Edward J. Robbins, Westford St., Chelmsford.....	276	114	41	49	19	79	577
Blanks	37	13	4	4	0	14	72
Total	513	217	53	58	33	171	1045

<i>District Attorney, Northern District</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Warren L. Bishop, 80 Main St., Wayland.....	316	117	31	37	21	103	625
Kenneth C. Dunlop, 371 Highland, Newton.....	36	18	11	11	3	16	95
George Stanley Harvey, 92 Maple St., Malden.....	84	56	7	5	7	29	188
Blanks	77	26	4	5	2	23	137
Total	513	217	53	58	33	171	1045

<i>Register of Probate and Insolvency, Middlesex County</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Loring P. Jordon, 12 Church St., Wakefield	388	167	42	46	29	131	803
Blanks	125	50	11	12	4	40	242
Total	513	217	53	58	33	171	1045

<i>County Commissioner, Middlesex</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Erson B. Barlow, 85 Sanders Ave., Lowell.....	373	160	41	46	25	138	783
John Ernest Quigley, 153 Jefferson St., Everett.....	38	27	3	4	4	11	87
Blanks	102	30	9	8	4	22	175
Total	513	217	53	58	33	171	1045

<i>Associate Commissioners, Middlesex County</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Daniel J. Gorman, 55 Simpson Ave., Somerville	51	39	9	12	25	21	157
John M. Keyes, 33 Monument St., Concord.....	240	78	26	23	17	73	457
Melvin G. Rogers, Whipple Rd., Tewksbury	359	139	42	43	23	136	742
Blanks	376	178	29	38	1	112	734
Total	1026	434	106	116	66	342	2090

<i>County Treasurer</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Charles E. Hatfield, 108 Cherry St., Newton.....	390	164	39	47	29	132	801
Blanks	123	53	14	11	4	39	244
Total	513	217	53	58	33	171	1045

<i>State Committee</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Joseph F. Montminy, 723 Moody St., Lowell.....	327	141	34	41	23	104	670
Blanks	186	76	19	17	10	67	375
Total	513	217	53	58	33	171	1045

Delegates to State Convention

Royal Shawcross.....	380	164	43	44	17	129	777
Sidney Dupee.....	366	154	38	43	16	122	739
Harold C. Petterson.....	367	153	42	49	15	125	751
Nellie R. Picken.....	346	150	39	43	16	117	711
Roy A. Clough.....	363	149	38	44	15	122	731
Grace Craig Perham.....	364	150	40	43	16	127	740
Blanks	1114	382	78	0	136	454	2164
Total	3300	1302	318	266	231	1196	6613

Town Committee

George A. McIntosh.....	321	121	36	42	26	120	666
Sidney E. Dupee.....	338	134	36	39	28	114	689
Caroline Wright.....	332	131	36	39	27	116	681
Walter Perham.....	345	130	38	42	29	119	703
Robert W. Barris.....	328	128	36	46	26	113	677
Jennie S. Brown.....	323	129	36	39	26	114	667
Royal Shawcross.....	338	145	38	42	26	116	705
John H. Valentine.....	324	137	37	41	25	108	672
Harold C. Petterson.....	338	137	38	44	26	118	701
Edna E. Briggs.....	321	132	36	39	26	117	671
Nellie R. Picken.....	323	137	36	38	25	112	671
Roy A. Clough.....	339	135	36	40	25	116	691
Clarence Audoin.....	320	135	37	38	25	110	665
Grace Craig Perham.....	329	128	36	39	27	112	671
Bessie A. Perham.....	338	129	36	39	27	102	670
Edward J. Robbins.....	366	132	38	41	27	113	717
Emma A. Dane.....	326	127	36	39	26	117	671
George W. Petterson.....	330	126	36	39	25	109	665
Annie C. Davis.....	329	129	36	39	26	110	669
Roger W. Boyd.....	339	126	36	40	26	115	682
Sinai Simard.....	325	128	36	38	25	110	662
George F. Cutler.....	323	134	37	39	25	109	667
Ernest A. Ferron.....	320	134	36	38	25	109	662
Ella M. Nath.....	321	137	38	39	26	108	669
John J. Carr.....	320	132	37	38	25	109	661
Octave L. Herault.....	321	135	37	39	25	109	666
G. Carlton Brown.....	322	127	37	40	25	110	661
Elmer Trull.....	322	130	38	40	25	109	664
James A. Grant.....	332	127	38	41	25	121	684
John G. Parker.....	335	137	37	40	25	121	695
Blanks	6942	2692	489	0	215	1738	12076

Governor

John T. Cummings, 433 Adams St., Boston	1	0	0	2	0	0	3
Joseph B. Ely, 66 Broad St., Westfield	8	33	1	30	1	5	78
John F. Fitzgerald, 39 Welles Ave., Boston.....	5	7	1	2	1	2	18
Blanks	1	4	3	0	0	1	9
Total	15	44	5	34	2	8	108

<i>Lieutenant-Governor</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Strabo V. Claggett, 1820 Washington St., Newton...	3	10	0	11	0	1	25
John F. Malley, 188 Common- wealth Ave., Newton.....	1	11	1	2	1	4	20
Charles S. Murphy, 330 Com- modore Rd., Worcester.....	5	9	1	9	0	0	24
Michael C. O'Neil, 40 Summer St., Everett.....	3	7	0	8	1	2	21
Blanks	3	7	3	4	0	1	18
Total	15	44	5	34	2	8	108

Secretary

Arthur G. Flynn, 17 Lancaster Ave., Revere.....	8	9	2	8	1	3	31
Chester J. O'Brien, 127 Wash- ington St., Boston.....	4	17	0	14	1	1	37
Joseph Santosuosso, 60 School St., Boston.....	1	5	0	6	0	2	14
Blanks	2	13	3	6	0	2	26
Total	15	44	5	34	2	8	108

Treasurer

John H. Dorsey, 23 Melville Ave., Boston.....	1	4	0	2	0	0	7
Charles F. Hurley, 57 Fresh Pond Lane, Cambridge.....	1	5	0	6	0	0	12
Fred H. Rourke, 423 Steavens St., Lowell.....	13	25	2	22	2	7	71
Blanks	0	10	3	4	0	1	18
Total	15	44	5	34	2	8	108

Auditor

Francis T. Hurley, 106 Inman St., Cambridge.....	6	17	1	11	0	2	37
Francis J. O'Gorman, 39 Cosh- man Rd., Boston.....	1	7	1	6	0	1	16
Jerome J. Shea, 8 Osgood St., Greenfield	3	5	0	9	2	1	20
Blanks	5	15	3	8	0	4	35
Total	15	44	5	34	2	8	108

Attorney-General

Henry P. Fielding, 15 Mon- tague St., Boston.....	2	4	0	3	1	1	11
William R. Sharton, Reading.	1	4	2	4	0	0	11
Harold W. Sullivan, 100 Lan- mark Rd., Boston.....	8	21	0	19	1	5	54
Blanks	4	15	3	8	0	2	32
Total	15	44	5	34	2	8	108

<i>Senator in Congress</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Marcus A. Coolidge, 164 Blossom St., Fitchburg.....	5	23	0	21	0	5	54
Eugene N. Foss, 11 Revere St., Boston	0	2	0	1	0	1	4
Peter J. Joyce, 100 Charles St., Boston	0	2	0	0	0	0	2
Thomas C. O'Brien, 76 Mapleton St., Boston.....	2	9	1	1	1	0	14
Joseph F. O'Connell, 155 Kilsyth St., Boston.....	8	3	2	9	1	2	25
Blanks	0	5	2	2	0	0	9
Total	15	44	5	34	2	8	108

Congressman, Fifth District

Joseph M. Halloran, 317 Chelmsford St., Lowell.....	7	21	2	23	2	4	59
Blanks	8	23	3	11	0	4	49
Total	15	44	5	34	2	8	108

Councillor, Sixth District

John H. Connor, 106 Pleasant St., Lowell.....	11	27	2	22	1	4	67
Edward J. Coughlin, 54 Dane St., Somerville.....	1	1	0	3	1	1	7
Perina J. Delory, 27 Wellington Ave., Everett.....	0	0	0	2	0	0	2
Jeremiah F. McGrath, 31 Linden St., Somerville.....	1	4	0	0	0	0	5
Blanks	2	12	3	7	0	3	27
Total	15	44	5	34	2	8	108

Senator, Eighth Middlesex District

Edward F. Purcell, 15 Garwett St., Lowell.....	3	14	1	13	2	2	35
Robert R. Thomas, 24 Loring St., Lowell.....	11	18	1	17	0	4	51
Blanks	1	12	3	4	0	2	22
Total	15	44	5	34	2	8	108

Representative, Eleventh Middlesex District

Karl M. Perham, Dalton Rd., Chelmsford	15	32	2	26	2	5	82
Blanks	0	12	3	8	0	3	26
Total	15	44	5	34	2	8	108

<i>District Attorney, Northern District</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
James J. Bruin, 161 School St., Lowell	9	32	2	27	1	4	75
John F. Daley, 1492 Cambridge St., Cambridge.....	3	2	0	0	1	1	7
Charles H. McGlue, 140 Brattle St., Cambridge.....	2	4	0	3	0	1	10
Blanks	1	6	3	4	0	2	16
Total	15	44	5	34	2	8	108

Register of Probate and Insolvency

John J. Botler, 6 Bratley St., Wakefield	10	23	2	18	2	4	59
Blanks	5	21	3	16	0	4	49
Total	15	44	5	34	2	8	108

Commissioner, Middlesex County

Robert F. Donovan, 82 Wallace St., Somerville.....	2	17	2	18	1	2	42
Joshua T. Nowell, 64 Nowell St., Melrose.....	2	1	0	2	1	0	6
John Ernest Quigley, 153 Jef- ferson Ave., Everett.....	4	11	0	6	0	3	24
Blanks	7	15	3	8	0	3	36
Total	15	44	5	34	2	8	108

*Associate Commissioner,
Middlesex County*

E. Perry Johnson, 16 West St., Arlington	7	20	2	17	2	4	52
John J. Noreau, Jr., 14 Dell St., Somerville.....	6	15	1	7	2	3	34
Blanks	17	53	7	44	0	9	130
Total	30	88	10	68	4	16	216

County Treasurer

J. Frank Facey, 54 Pemberton St., Cambridge.....	6	21	1	13	2	2	45
Charles E. Hatfield, 108 Cherry St., Newton.....	2	4	1	8	0	1	16
Blanks	7	19	3	13	0	5	47
Total	15	44	5	34	2	8	108

*State Committee,
Eighth Middlesex District*

Cornelius F. Cronin, 344 Var- num Ave., Lowell.....	11	25	1	20	1	3	61
Blanks	4	19	4	14	1	5	47
Total	15	44	5	34	2	8	108

<i>Delegates to State Convention</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
John E. Harrington.....	12	35	4	24	2	5	82
William H. Quigley.....	12	34	2	21	2	5	76
Frank J. Garvey.....	12	35	2	22	2	5	78
John P. Quirk.....	11	32	4	20	2	5	74
Daniel E. Haley.....	12	33	2	19	2	5	73
John J. Meagher.....	11	32	2	25	1	5	76
George A. McNulty.....	11	31	4	23	2	5	76
James T. Savage.....	11	32	2	20	1	5	71
Karl M. Perham.....	12	31	2	25	2	5	77
John Conaton.....	11	30	2	20	1	5	69
Blanks	385	119	24	0	3	30	0

Town Committee

John E. Harrington.....	12	31	2	20	2	5	72
William H. Quigley.....	12	32	2	17	2	5	70
Frank J. Garvey.....	13	32	2	18	2	5	72
John P. Quirk.....	12	30	2	17	2	5	68
Daniel E. Haley.....	12	30	2	17	2	5	68
John J. Meagher.....	12	29	2	21	1	5	70
George A. McNulty.....	12	31	2	21	2	5	73
James J. Savage.....	12	30	2	18	1	5	68
Carl M. Perham.....	14	29	2	19	2	5	71
John Conaton.....	12	29	2	17	1	5	66
Blanks	377	137	30	0	3	30	0
Total Democratic Votes.....	15	44	5	34	2	8	108

WARRANT FOR STATE ELECTION

November 4, 1930

Middlesex, ss.

To Harold C. King, a Constable of the Town of Chelmsford.

GREETING:

In the name of the Commonwealth you are hereby required to notify and warn the inhabitants of said Town who are qualified to vote in Elections to meet in their several polling places, viz.:

- Precinct 1, Town Hall, Chelmsford Centre
- Precinct 2, Town Hall, North Chelmsford
- Precinct 3, Historical Hall, West Chelmsford
- Precinct 4, School House, East Chelmsford
- Precinct 5, Liberty Hall, South Chelmsford
- Precinct 6, Golden Cove School House, Westlands

On Tuesday, the Fourth day of November, 1930, being the first Tuesday after the first Monday in said month, at Twelve o'clock noon for the following officers:

- Governor for this Commonwealth
 - Lieutenant Governor for this Commonwealth
 - Secretary for this Commonwealth
 - Treasurer for this Commonwealth
 - Auditor for this Commonwealth
 - Attorney General for this Commonwealth
 - Senator in Congress for this Commonwealth
 - Congressman for the Fifth Congressional District
 - Councillor for the Sixth Councillor District
 - Senator in the Eighth Senatorial District
 - One Representative for the General Court in the 11th Representative District
 - District Attorney for Middlesex County
 - Register of Probate and Insolvency for Middlesex County
 - One County Commissioner for the County of Middlesex
 - Two Associate County Commissioners for the County of Middlesex
 - Treasurer for the County of Middlesex
- and to act upon the following matters:

Acceptance of the following, "Proposed Amendment to the Constitution?"

QUESTION NO. 1

ARTICLE XXI of the articles of amendment is hereby annulled and the following is adopted in place thereof:

ARTICLE XXI. In the year nineteen hundred and thirty-five and every tenth year thereafter a census of the inhabitants of each city and town shall be taken and a special enumeration shall be made of the legal voters therein. Said special enumeration shall also specify the number of legal

voters residing in each precinct of each town containing twelve thousand or more inhabitants according to said census and in each ward of each city. Each special enumeration shall be the basis for determining the representative districts for the ten-year period, beginning with the first Wednesday in the fourth January following said special enumeration, provided, that such districts as established in the year nineteen hundred and twenty-six shall continue in effect until the first Wednesday in January in the year nineteen hundred and thirty-nine.

The house of representatives shall consist of two hundred and forty members, which shall be apportioned by the general court, at its first regular session after the return of each special enumeration, to the several counties of the commonwealth, equally, as nearly as may be, according to their relative numbers of legal voters, as ascertained by said special enumerations; and the town of Cohasset, in the county of Norfolk shall, for this purpose, as well as in the formation of districts as hereinafter provided, be considered a part of the county of Plymouth; and it shall be the duty of the secretary of the commonwealth to certify, as soon as may be after it is determined by the general court, the number of representatives to which each county, shall be entitled, to the board authorized to divide such county into representative districts. The county commissioners or other body acting as such or, in lieu thereof, such board by law, shall, within thirty days after such certifications by the secretary of the commonwealth or within such other periods as the general court may by law provide, assemble at a shire town of their respective counties, and of contiguous territory and assignes representatives thereto, so that each representative in such county will represent an equal number of legal voters as nearly as may be; and such districts shall be so formed that no town and no ward of a city shall be divided therefor nor shall any district be made which shall be entitled to elect more than three representatives. The general court may by law limit the time within which judicial proceedings may be instituted calling in question any such apportionment division or assignment. Every representative, for one year at least immediately preceding his election, shall have been an inhabitant of the district for which he is chosen and shall cease to represent such district when he shall cease to be an inhabitant of the commonwealth. The district in each county shall be numbered by the board creating the same, and a description of each, with the numbers thereof and the number of legal voters therein, shall be returned by the board, to the secretary of the commonwealth, the county treasurer of such county, and to the clerk of every city or town in such county, to be filed and kept in their respective offices. The manner of calling and conducting the elections for their choice of representatives, and of ascertaining their election, shall be prescribed by law.

ARTICLE XXII of the articles of amendment if hereby annulled and the following is adopted in place thereof :

ARTICLE XXII. Each special enumeration of legal voters required in the preceding article of amendment shall likewise be the basis for determining the senatorial districts and also the councillor districts for the ten-year period beginning with the first Wednesday in the fourth January following such enumerations; provided, that such districts as established in

the year nineteen hundred and twenty-six shall continue in effect until the first Wednesday in January and thirty-nine. The senate shall consist of forty members. The general court shall, at its first regular session after the return of each special enumeration, divide the commonwealth territory, each district to contain, as nearly as may be, an equal number of legal voters according to said special enumeration; provided, however, that no town or ward of a city shall be divided therefor; and such districts shall be formed as nearly as may be, without uniting two counties or parts of two or more counties, into one district. The general court may, by law, limit the time within which judicial proceedings may be instituted calling in question such divisions. Each district shall elect one senator, who shall have been an inhabitant of this commonwealth five years at least immediately preceding his election and at the time of his election shall be an inhabitant of the district for which he is chosen; and he shall cease to represent such senatorial district when he shall cease to be an inhabitant of the commonwealth.

Acceptance of the following Laws Proposed by Initiate Petition.

QUESTION NO. 3

"An act to amend chapter one hundred and thirty-one of the General Laws."

The polls will be open from twelve o'clock noon to eight o'clock P.M.

And you are directed to serve this Warrant by posting attested copies thereof seven days at least before the time of said meeting as directed by vote of the Town.

Hereof fail not and make return of the Warrant with your doings thereon at the time and place of said meeting. Given under our hands this twenty-fifth day of October, A.D. 1930.

ELIPHALET G. BROWN,
FRANK J. LUPIEN,
ROYAL SHAWCROSS,

Selectmen of Chelmsford.

A true copy, attest:

Harold C. King, Constable.

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

Pursuant to the within Warrant I have notified and warned the inhabitants of the Town of Chelmsford by posting up attested copies of the same at the Post Office in the center of the Town, South Chelmsford, North Chelmsford, West Chelmsford, and at the School House, East Chelmsford, and at the Golden Cove School House, Westlands, seven days before the date hereof as within directed.

HAROLD C. KING,
Constable of Chelmsford.

Chelmsford, Massachusetts, October 25, 1930.

STATE ELECTION

November 4, 1930

At a legal meeting of the Inhabitants of the Town of Chelmsford, qualified to vote in State Election, said meeting held pursuant to Warrant duly posted in the six precincts of the Town, the following candidates received the following votes set against their respective names and also the following is the vote on the questions as were set forth in the said Warrant, as follows:

	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
<i>Governor</i>							
Aiken, S. L. P.....	10	5	1	3	1	5	25
Allen, Rep.....	633	352	79	100	52	260	1476
Cantor, C. P.....	2	1	0	0	0	0	3
Ely, Dem.....	148	362	32	119	24	72	757
Lewis, Soc.....	1	11	2	6	1	3	24
Blanks	15	15	1	2	2	3	38
Total	809	746	115	230	80	343	2323
<i>Lieutenant Governor</i>							
Claggett, Dem.....	157	323	26	106	22	63	697
Correia, C. P.....	3	1	0	0	0	1	5
Surr ridge, S. L. P.....	1	6	0	1	1	2	11
Williams, S. P.....	4	7	2	7	0	4	24
Youngman, Rep.....	610	362	78	106	55	262	1473
Blanks	34	47	9	10	2	11	113
Total	809	746	115	230	80	343	2323
<i>Secretary</i>							
Blessington, S. L. P.....	3	3	1	1	1	2	11
Cook, Rep.....	621	353	83	100	59	263	1479
Coolidge, S. P.....	13	24	2	10	0	8	57
Dawson, C. P.....	2	2	1	1	0	0	6
O'Brien, Dem.....	124	316	20	104	16	54	634
Blanks	46	48	8	14	4	16	136
Total	809	746	115	230	80	343	2323
<i>Treasurer</i>							
Burrell, Rep.....	441	312	62	85	48	206	1154
Hoffman, C. P.....	4	2	0	0	2	1	9
Hurley, Dem.....	277	355	37	113	46	101	909
Hutchins, S. P.....	10	10	2	10	0	3	35
Oram, S. L. P.....	2	4	1	0	0	2	9
Blanks	75	63	13	22	4	39	207
Total	809	746	115	230	80	343	2323
<i>Auditor</i>							
Cook, Rep.....	499	346	70	91	53	235	1294
Fieldman, S. P.....	4	10	2	8	0	4	28
Hurley, Dem.....	227	332	31	105	20	76	791
Oddie, C. P.....	3	2	0	0	0	0	5
Oelcher, S. L. P.....	8	3	0	0	1	0	12
Blanks	68	53	12	26	6	28	193
Total	809	746	115	230	80	343	2323

<i>Attorney General</i>	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
Becker, S. L. P.....	3	6	0	1	2	1	13
Janhonen, C. P.....	2	3	0	0	0	0	5
Sherman, S. P.....	3	9	3	11	0	3	29
Sullivan, Dem.....	120	315	23	101	16	55	630
Warner, Rep.....	628	362	79	98	58	258	1483
Blanks	53	51	10	19	4	26	163
Total	809	746	115	230	80	343	2323

<i>Senator in Congress</i>							
Butler, Rep.....	615	340	74	90	50	250	1419
Coolidge, Dem.....	172	377	35	120	26	83	813
Kinsalas, S. L. P.....	0	1	0	2	1	1	5
Lerner, C. P.....	1	0	0	0	0	0	1
McBride, S. P.....	2	5	2	7	1	4	21
Blanks	19	23	4	11	2	5	64
Total	809	746	115	230	80	343	2323

<i>Congressman, Fifth District</i>							
Halloran, Dem.....	77	249	14	84	11	32	467
Rogers, Rep.....	716	473	96	135	67	304	1791
Blanks	16	24	5	11	2	7	65
Total	809	746	115	230	80	343	2323

<i>Councillor, Sixth District</i>							
Connor, Dem.....	148	335	25	116	21	61	706
Knox, Rep.....	592	346	74	92	52	252	1408
Blanks	69	65	16	22	7	30	209
Total	809	746	115	230	80	343	2323

<i>Senator, Eighth Middlesex District</i>							
Steven, Rep.....	622	380	87	110	56	267	1522
Thomas, Dem.....	145	318	22	105	21	61	672
Blanks	42	48	6	15	3	15	129
Total	809	746	115	230	80	343	2323

<i>Representative in General Court Eleventh Middlesex District</i>							
Perham, Dem.....	438	446	54	149	52	147	1286
Pfeiffer, Rep.....	330	260	49	65	26	178	908
Blanks	41	40	12	16	2	18	129
Total	809	746	115	230	80	343	2323

<i>District Attorney</i>							
Bishop, Rep.....	626	364	80	102	55	263	1490
Daly, Dem.....	114	297	18	102	16	50	597
Blanks	69	85	17	26	9	30	236
Total	809	746	115	230	80	343	2323

	P. 1	P. 2	P. 3	P. 4	P. 5	P. 6	Total
<i>Register of Probate and Insolvency</i>							
Butler, Dem.	130	302	18	102	17	60	629
Jordan, Rep.	597	354	75	96	53	241	1416
Blanks	82	90	22	32	10	42	278
Total	809	746	115	230	80	343	2323

<i>Middlesex County Commissioner</i>							
Barlow, Rep.	624	397	78	103	55	265	1522
Donovan, Dem.	103	271	17	91	15	46	543
Blanks	82	78	20	36	10	32	258
Total	809	746	115	230	80	343	2323

<i>Associate County Commissioner (Two)</i>							
Johnson, Dem.	98	235	16	80	16	45	490
Keres, Rep.	495	295	57	69	46	214	1176
Noreau, Jr., Dem.	81	224	10	67	11	33	426
Rogers, Rep.	513	293	63	93	48	218	1228
Blanks	431	445	84	151	39	176	1326
Total	1618	1492	230	460	160	686	4646

<i>County Treasurer</i>							
Facey, Dem.	104	280	16	91	17	48	556
Hatfield, Rep.	577	341	76	89	50	240	1373
Blanks	128	125	23	50	13	55	394
Total	809	746	115	230	80	343	2323

<i>Question No. 1— Apportioning Districts</i>							
Yes	292	254	40	70	22	113	791
No	120	106	11	30	17	63	347
Blanks	397	386	64	130	41	167	1185
Total	809	746	115	230	80	343	2323

<i>Question No. 2— Repeal Baby Volstead Act</i>							
Yes	279	411	39	133	35	123	1020
No	423	206	56	50	36	174	944
Blanks	107	130	20	47	9	46	359
Total	809	746	115	230	80	343	2323

<i>Question No. 3— Regarding Steel Traps</i>							
Yes	419	387	60	127	36	184	1213
No	248	169	24	42	32	99	614
Blanks	142	190	31	61	12	60	496
Total	809	746	115	230	80	343	2323

MEETING OF TOWN CLERKS

in the 11th Middlesex Representative District, November 12, 1930

In accordance with Section 125, Chapter 54 of the General Laws of the Commonwealth of Massachusetts, a legal meeting of the Town Clerks in the Eleventh Middlesex Representative District was held on November 12, 1930, at 3 P.M. at the Town Clerk's Office, Chelmsford, Mass., for the purpose of declaring the elected Representative to the General Court at the State Election held on November 4, 1930; the result was as follows:

Candidate	Acton	Bed- ford	Chelms- Carlisle	ford	Little- ton	West- ford	Total
Karl Perham, Dem., Chelmsford, Mass.	166	156	62	1286	113	384	2167
Louis Pfeiffer, Rep., Bedford, Mass.	637	436	107	908	329	446	2863
Blanks	101	59	17	129	39	85	430
Total	904	651	186	2323	481	915	5460

HAROLD C. PETTERSON, Chelmsford.

ALBERT J. BERRY, Bedford.

HORACE F. TUTTLE, Acton.

RUTH C. WILKINS, Carlisle.

CHARLES L. HILDRETH, Westford.

Recorded by Harold C. Petterson, Town Clerk, Chelmsford, Mass.

WARRANT FOR SPECIAL TOWN MEETING

At upper Town Hall, Chelmsford Centre, Monday Evening,

December 15, 1930

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss.

To Harold C. King, a Constable of the Town of Chelmsford.

GREETING:

In the name of the Commonwealth aforesaid you are hereby required to notify and warn the legal voters of said Chelmsford to meet in the Upper Town Hall at Chelmsford Centre on Monday, the fifteenth day of December, 1930, at eight o'clock in the evening, then and there to act upon the following articles, viz.:

ARTICLE 1. To see if the Town will vote to accept a legacy of Ten Thousand Dollars under the will of the late Amos F. Adams, formerly of Newton, Massachusetts; the income to be used for the care and preservation of the buildings and grounds of the Adams Library, and the balance of said income and interest to be used for the purchase of books for said library; or act in relation thereto.

ARTICLE 2. To see if the Town will vote to transfer Seventeen Hundred Dollars from the Over-lay and Reserve Fund to the Charity Account; or act in relation thereto.

ARTICLE 3. To see if the Town will vote to transfer One Hundred and Seventy-five Dollars from the "Fund for the purchase of a Highway Truck" to the Assessor's Salary Account; or act in relation thereto.

AND YOU ARE DIRECTED to serve this Warrant by posting attested copies thereto at the Post Offices in the Centre of the Town, South Chelmsford, North Chelmsford, and West Chelmsford, and at the School House, East Chelmsford, and at the Golden Cove School House, Westlands, seven days at least before the time appointed for holding the meeting aforesaid.

HEREOF FAIL NOT, and make return of this Warrant with your doings thereon, to the Town Clerk, at the time and place of holding the meeting aforesaid.

Given under our hands this sixth day of December, in the year of our Lord nineteen hundred and thirty.

ELIPHALET G. BROWN,
FRANK J. LUPIEN,
ROYAL SHAWCROSS,

Selectmen of Chelmsford.

Middlesex, ss.

PURSUANT TO THE WITHIN WARRANT, I have notified and warned the Inhabitants of the Town of Chelmsford by posting up attested copies of the same at the post offices in the Centre of the Town, South Chelmsford, North Chelmsford, West Chelmsford, and at the School House, East Chelmsford, and at the Golden Cove School House, Westlands, seven days before the date hereof, as within directed.

HAROLD C. KING,
Constable of Chelmsford.

SPECIAL TOWN MEETING

December 15, 1930

At a special meeting of the Inhabitants of the Town of Chelmsford qualified to vote in Town Affairs, held pursuant to Warrant duly posted, said meeting, held in the Upper Town Hall at Chelmsford Centre, December 15, 1930, at 8 P.M. The meeting was called to order by Moderator Walter Perham and the Warrant read by Town Clerk Harold C. Petterson; the following business was transacted:

UNDER ARTICLE ONE—

On a motion made by Selectman E. G. Brown, it was voted: That the Town of Chelmsford accept a legacy of Ten Thousand Dollars under the will of the late Amos F. Adams, formerly of Newton, Mass., the income to be used for the care and preservation of the buildings and grounds of the Adams Library and the balance of said income and interest to be used for the purchase of books for said library; and that the before mentioned sum of Ten Thousand Dollars be intrusted to the care of the Adams Library Trustees.

UNDER ARTICLE TWO—

On a motion made by Selectman Frank Lupien, it was voted to transfer the sum of \$1700.00 from the Overlay Reserve Fund to the account called Outside Poor.

UNDER ARTICLE THREE—

On a motion made by H. C. Sweetser, it was voted to transfer the sum of \$160.00 from the account called Fund for Purchase of Highway Truck to the Assessors Salary account.

Voted to adjourn this meeting at 8.15 P.M.

WALTER PERHAM, Moderator.

HAROLD C. PETTERSON, Clerk.

VITAL STATISTICS

For the Year Ending December 31, 1930

Attention is called to the following vital statistics. It is important that these records shall be correct. If any errors are discovered the Town clerk will deem it a favor to have them reported at once so that corrections may be made.

As required by Chapter 16, Section 15, General Laws of Massachusetts, notice is hereby given that the Town Clerk will furnish blanks for returns of births to parents, householders, physicians and registered hospital officers applying therefor.

BIRTHS RECORDED

JAN.

- 2 Ephraim William Ayotte..... Henry and Elsie (Manseau)
- 5 _____ Watt..... Charles E. and Lois (Braden)
- 11 Thelma Minerva Burton..... Harry and Doris (Luke)
- 15 Ruth Elaine Pearson..... Fritz and Rose (Paignon)
- 16 John Campbell..... Charles and Mary (Tansey)
- 19 Armand Leon Gerard Pinardi.... Leon and Helene (Tremblay)
- 24 Christopher David Bartlett..... Robert and Margaret (Hetherington)

FEB.

- 1 Florence McNulty..... George and Ellen (Roark)
- 8 Florence Grace Morrell..... Edward and Nellie (Stuart)
- 8 Lillian Roach..... Thomas and Lillian (Greeley)
- 11 Jane Anne Percival..... John C. and Madeline (Roche)
- 13 Margaret Agnes Trainor..... Dominick and Margaret (Borden)
- 15 Joseph Gideon Arthur Fortin.... Jos. Alfred and Mary Anne (Lacomb)
- 23 (Stillborn)
- 24 Marion Zaher..... George and Romia (Hadadly)
- 25 Ronald George Haberman..... Carl and Lena (Parkhurst)
- 25 Ruth Mary Hilton..... Luther and Mary Louise (Owens)
- 26 William James Campbell..... William N. and Mabel (Mullen)
- 27 _____ Emanuel..... Steve and Theodora (Katsika)

MAR.

- 1 Evelyn Lois Flavell..... Chester and Corrinne (House)
- 4 Mary Jane Kinch..... Raymond G. and Mary Jane (Smith)
- 7 Illegitimate
- 14 Eleanor Ruth Brown..... George O. and Lucy (Weatherbee)
- 18 Kenneth Allen Foster..... Edward Lincoln and Myrtle (Buckley)
- 19 Joan Eva McEnany..... Leo Henry and Adella (Parkhurst)
- 22 _____ Russo..... Jimmie and Anna (Esposito)
- 24 Frances Melia John and Josephine (Enwright)
- 26 Frances Ellen Ouellette..... Fred O. and Fannie C. (Hedlund)
- 28 Robert James Desmarais..... George R. and Elsie May (Brooks)
- 29 _____ Sousa..... Manuel J. and Isabella (Ferreira)
- 30 Joyce Eillen Haley..... Allan R. and Vivian (Stuart)

APR.

- 2 Robert Paul Emerson.....John Joseph and Annie (Dyke)
3 Kenneth Walter Saunders.....Walter and Ophelia (Vasselin)
4 Theresa Vennard.....Frank and Theresa (Bell)
6 John Kerrigan.....Thomas J. and Ellen (O'Sullivan)
9 Eleanor Mary Caswell.....Alfred L. and Lena L. (Lyman)
16 Premature
18 Maurice Joseph Lambert, 3rd.....Maurice Jos., 2nd, and Isabel (Boot)
19 Stillborn
19 Raymond George Pomerleau.....Joseph and Irma (Maheu)
20 George Richard Welch.....George R. and Mary A. (Corkery)
22 Robert Charles Dinnigan.....Charles F. and Alice (Whitworth)
22 _____ Stidstone.....Elmer and Grace (Houston)
23 Arthur Edward Norton.....Edward and Wilma (Perkins)
28 Erving Andrew Blaisdell.....Andrew I. and Grace (Switzer)
29 Frank Gordon Turner.....Frank and Lucy (Armitage)

MAY

- 3 Arthur Allan Adams.....Robert M. and Marion F. (Phelps)
3 Margaret Mary Larkin.....John and Anna (Walsh)
4 Patricia Ellen Lyons.....Walter Joseph and Mildred Margaret
(Herbert)
7 Mary Rita Sears.....Louis and Mary (Raposa)
9 Marie Phyllis Hayes.....Phillip and Etta (Magnant)
24 Daniel William Dexter, Jr.....Daniel W. and Lilla M. (Pattison)
25 Patricia Marie Clancy (Twin)...James A. and Marion R. (Quinn)
25 Joseph Gerard Clancy (Twin)...James A. and Marion R. (Quinn)
26 Nikolai Cinczavicz.....Tony and Stephania (Brudawka)
26 Walter Ridgeway Wilkins, Jr....Walter Ridgeway and Mildred Helen
(Nystrom)

JUNE

- 3 Marshall Neil White.....Arthur and Dorothy (Dixon)
8 Ernest Harold LeBrun.....Emile and Alice (Fraser)
20 Bessie Suzzane Blackie.....Harold and Annette (Gaudette)
23 Clarence Milton Hefler, Jr.....Clarence M. and Alberta V. (Richard-
son)
25 Theodore Alvard Ollson, Jr.....Theodore A. and Gertrude A. (Blake)
25 Nelson Linwood Brake.....Nelson Henry and Thelma Evangeline
(Williams)
30 Theresa Quinn.....Timothy F. and Mary L. (Lepine)
30 Guy Charles Staveley, Jr.....Guy Charles and Ada Mary (Coldwell)
30 Eva Gosselin.....Hormidos and Laudia (Pomerleau)

JULY

- 2 William Mills Wallace.....Lawrence A. and Fern E. (Hayes)
4 Natalie Virginia Ramin.....Benedick and Elizabeth (Dixon)
5 Alice May Heald.....Roland and Marguerite (Nickerson)
5 Marie Juliet Rioux.....Charles Eugene and May (Boudreau)
19 Elizabeth Ann Byam.....Ernest and Luella (Adams)
22 Illegitimate
30 Myles Alan Kiberd.....James and Marjorie (McGonagle)

AUG.

- 2 Bernard McArdle..... Bernard and Mary (McKay)
 3 Pierre Camille Boucher..... Camille and Paulette (Moreau)
 4 _____ Deamicis..... Victor and Rancea (Launcia)
 5 Martha Anne Quinn..... Martin and Martha (Kivlin)
 6 Lorraine Elizabeth Buchanan... John James and Harriet (Stewart)
 11 Eugene Gagnon..... George Edward and Margaret
 (Conley)
 16 Douglas Leonard McElroy..... Leonard and Jennie (Pearson)
 18 Robert Hatfield White..... Harold G. and Frances (White)
 21 Theresa Marie Alice Villemaire.. Arthur and Amanda (Gauthier)
 23 Stillborn
 25 Paul Belida..... Demit and Vera (Belinski)
 26 Betty Ellen Stewart..... Harold W. and Ruth H. (Johnson)
 28 Phyllis Lena Bourroughs..... Hobart and Edith (Brown)
 29 _____ Ziemba..... Vateny and Bromislaua (Mikula)
 31 Marilyn Estelle Bennett..... Miles N. and Mary Elizabeth (Jones)

SEPT.

- 5 Dora Elda Locapo..... Joseph and Caterina (Vitucci)
 15 Marie Dolores Lemay..... Alexandre and Lea (Peltier)
 16 _____ Forrest..... Lewis A. and Marjorie L. (Bond)

OCT.

- 1 _____ Burndrette..... Joseph H. and Letitia (Lairdieson)
 1 Richard Thomas Roberts..... Howard S. and Natalie (Bellows)
 2 _____ Ferreira..... Joseph and Maria A. (Goes)
 4 Marjorie Jean Harvey..... Clifford R. and Gladys (Drain)
 7 Richard Francis Meagher..... John J. and Mary R. (Lyons)
 5 Helen Carol Sawyer..... William Warren and Helen Gertrude
 (Carkin)
 9 Phyllis Beatrice Hale..... Albert L. and Cecilia (Tint)
 18 Stillborn
 28 John Crage Burns..... Lucian H. and Helen (Bailey)
 29 Melvin Francis Paquette..... Melvin A. and Lillian M. (Cocoran)
 29 Frederick Elton Silk..... Elton Louis Frederick and Mildred
 (Hoar)

NOV.

- 9 Thomas Stewart Shedd..... Henry Carleton and Anna Elizabeth
 (Stewart)
 9 _____ Simpson..... James and Katherine (Clark)
 10 Norma May Melendy..... Norman and Edith (Robinson)
 11 Stillborn
 16 Joseph Desire Omer Poulin..... Amedee and Selina (Sevigny)
 19 Charles Belida..... Mike and Olka (Kostichko)
 29 Fay Louise Valentine..... John and Anna (Burrows)
 30 Doris Roberta Johnson..... Robert A. and Anna F. (Renstrom)

DEC.

- 1 Eddy Lawriston Delong..... Edward and Jennie (Crowley)
 2 Shirley Mae Stokham..... Burton and Mary (O'Neil)
 9 Roger Allen Lewis..... Harry and Lillian F. (Ryan)
 11 Donald Douglas Dearth..... Freeman and Abbie (Chamberlin)
 11 _____ Pickard..... Ray H. and Effie (Adams)
 22 Marie Azema Therese Lavoie
 (Twin) Leo and Jeannette (Marchand)
 22 Marie Eugenie Beatrice Lavoie
 (Twin) Leo and Jeannette (Marchand)
 24 _____ Enis..... Martin and Alma (Bergsten)
 27 Wilfred Lambert..... Thomas and Georgianna (Goudreault)
 29 _____ Pope..... Harry and Blanch (Hayes)

MARRIAGES

Date	Name	Residence	Birthplace
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JAN.

1	Elmer F. Peverill.....	Chelmsford, Mass.....	Lowell, Mass.
	Ethel F. Hornbrook.....	Westford, Mass.....	Lowell, Mass.
3	Almon Irving Caswell.....	Chelmsford, Mass.....	Dover, N. H.
	Margaret Mary Tighe.....	Lowell, Mass.	Lowell, Mass.
11	Jonathan Cyril Craven.....	Lowell, Mass.	Dracut, Mass.
	Berenice Broadbent.....	Chelmsford, Mass.....	Lowell, Mass.
19	Milton Earl Hadley.....	Lowell, Mass.....	Chelmsford, Mass.
	Ida J. Wikander.....	Chelmsford, Mass...	Chelmsford, Mass.
23	Harvey T. Parlee.....	Chelmsford, Mass...	Chelmsford, Mass.
	Harriet M. (Metcalf) Cornwall..	Chelmsford, Mass. ...	New Brunswick

FEB.

11	Manuel J. Avila.....	Chelmsford, Mass.....	Lowell, Mass.
	Capitolina Sousa Ribeiro.....	Somerville, Mass..	St. Michael, Azores
16	William Joseph Tobin.....	Chelmsford, Mass.	Lowell, Mass.
	Elizabeth Hartnett.....	Chelmsford, Mass.	Ireland
27	Ernest Leroy Parsons.....	Ashland, Mass.	Worcester, Mass.
	Hulda Viola Wadsworth.....	Ashland, Mass.	Chelmsford, Mass.

MAR.

3	Francis O'Neill, Jr.....	Boston, Mass.....	New York, N. Y.
	Willella DeLampe (Rornheld) Stephenson	Newton, Mass.....	Chicago, Ill.
29	Norman Melendy.....	Chelmsford, Mass.....	Milford, N. H.
	Edith M. Robinson.....	Chelmsford, Mass.	Lowell, Mass.

APR.

16	Remi Edgar Lassonde.....	Westford, Mass....	Woonsocket, R. I.
	Harriet Carolyn Cornwall.....	Chelmsford, Mass.....	Nova Scotia
19	Walter Joseph Lindsay.....	Manchester, N. H..	Manchester, N. H.
	Evangeline Couture.....	Manchester, N. H..	Manchester, N. H.
20	Joseph G. Cabral.....	Chelmsford, Mass.	Lowell, Mass.
	Lucy G. Abreu.....	Chelmsford, Mass.	Lowell, Mass.
28	Carl Thomas Gleason.....	Chelmsford, Mass.	Lowell, Mass.
	Thelma Marie Luke.....	Chelmsford, Mass. .	Chelmsford, Mass.

MAY

3	Oscar Norman Olsen.....	Chelmsford, Mass.	Lowell, Mass.
	Georgina Adeline Thomson.....	Lowell, Mass.	Lowell, Mass.
5	A. Patrick Hill.....	Manchester, N. H..	Woodsville, N. H.
	Frances Thomas.....	Maysville, Ky.....	Maysville, Ky.
7	Harry A. Howland.....	Concord, N. H. .No.	Woodstock, N. H.
	Priscilla H. Barton.....	Concord, N. H.	Concord, N. H.
10	Arthur Lincoln Hardy.....	Lowell, Mass.....	Lowell, Mass.
	Ruth Virginia Stirk.....	Chelmsford, Mass.	Lowell, Mass.
11	Howard F. Davis.....	Manchester, N. H....	Lyndonville, Vt.
	Madeline K. Sawyer.....	Manchester, N. H.....	Patten, Me.
18	James Collier.....	Chelmsford, Mass.....	Canada
	Bernadette Welch.....	Chelmsford, Mass. ...	Chelmsford, Mass.
21	Vincent Aidala.....	Providence, R. I.....	Italy
	Helena Cecilia Mitchell.....	Chelmsford, Mass.....	England
28	George Albert Beane.....	Boston, Mass.....	Cambridge, Mass.
	Barbara Gorman.....	Cambridge, Mass.....	Brooklyn, N. Y.

Date	Name	Residence	Birthplace
JUNE			
5	Edward W. Boutwell.....	W. Andover, Mass.	W. Andover, Mass.
	Ida F. (Brooks) Whiteley.....	Chelmsford, Mass.	Lowell, Mass.
11	Leslie N. Hannaford.....	Chelmsford, Mass.	Lowell, Mass.
	Lillian MacLean.....	Chelmsford, Mass.	Chelmsford, Mass.
21	William Stirk.....	Lowell, Mass.	Sanford, Me.
	Marian E. Brennan.....	Chelmsford, Mass.	Waltham, Mass.
22	Albert E. Gaudette.....	Chelmsford, Mass.	Chelmsford, Mass.
	Laura B. Gendreau.....	Lowell, Mass.	Lowell, Mass.
22	Herbert J. Neuman.....	Chelmsford, Mass.	Seattle, Wash.
	Lucy M. Potter.....	Chelmsford, Mass.	Chelmsford, Mass.
28	Adams Bartlett Dutton.....	Chelmsford, Mass.	Chelmsford, Mass.
	Ethel Marie Foss.....	Cambridge, Mass.	Cambridge, Mass.
28	John Joseph Mahoney.....	Charlestown, Mass.	Charlestown, Mass.
	Mary Frances Harrington.....	Chelmsford, Mass.	Chelmsford, Mass.
28	George Winthrop Paasche.....	Woburn, Mass.	Chelmsford, Mass.
	Gertrude Emma MacDonald.....	Kezar Falls, Me.	Everett, Mass.
28	Robert P. Shinkwin.....	Chelmsford, Mass.	Chelmsford, Mass.
	Mildred F. Colloty.....	Lowell, Mass.	Waterbury, Conn.
30	Gerard Provost.....	Westford, Mass.	Canada
	Pierritte Moreau.....	Chelmsford, Mass.	Canada

JULY

2	Roy Edward Blanchard.....	Westford, Mass.	Tewksbury, Mass.
	Mildred Idella Stevens.....	Chelmsford, Mass.	Lowell, Mass.
10	Joseph Staveley.....	Chelmsford, Mass.	Lowell, Mass.
	Elizabeth Chadbourn.....	Lowell, Mass.	Lowell, Mass.
12	Andrew J. Buckus.....	Hampton, Va.	Haverhill, Mass.
	Eliza Spaulding.....	Chelmsford, Mass.	Chelmsford, Mass.
15	Edwin A. Lynde.....	Lowell, Mass.	Melrose, Mass.
	Isabella McDonald.....	Chelmsford, Mass.	Canada
16	Glenn A. Staveley.....	Chelmsford, Mass.	Lowell, Mass.
	Hazel R. Thompson.....	Lowell, Mass.	Lowell, Mass.
21	George Castonguay.....	Chelmsford, Mass.	Van Buren, Me.
	Albertine Sirois.....	Nashua, N. H.	Canada
21	Burton I. Stokham.....	Chelmsford, Mass.	St. Stephen, N. B.
	Mary D. O'Neil.....	Chelmsford, Mass.	Lowell, Mass.
22	James M. Stearns.....	Chelmsford, Mass.	Chelmsford, Mass.
	Marion Putnam.....	S. Lyndboro, N. H.	S. Lyndboro, N. H.
27	Harvey John Gosselin.....	Chelmsford, Mass.	Lowell, Mass.
	Lavinia B. (Potter) Hughes.....	Tyngsboro, Mass.	Tyngsboro, Mass.
29	George Eugene St. Onge.....	Westford, Mass.	Westford, Mass.
	Laura Maude Lavigne.....	Westford, Mass.	Lowell, Mass.
30	Joseph Couture.....	Chelmsford, Mass.	Holyoke, Mass.
	Sarah (Morrill) Clough.....	Chelmsford, Mass.	Lake Village, N. H.

AUG.

1	Octave S. Foster.....	Chelmsford, Mass.	Boston, Mass.
	Evelyn Walker.....	Billerica, Mass.	South Carolina
3	Leo James McGlinchey.....	Chelmsford, Mass.	Westford, Mass.
	Blanche Emma Gauthier.....	Chelmsford, Mass.	Chelmsford, Mass.
9	Andrew Bremmer Dobbie.....	Manchester, N. H.	Manchester, N. H.
	Marion Pattee White.....	Manchester, N. H.	Manchester, N. H.
9	Richard Riddle.....	Winchester, Mass.	Nashville, Tenn.
	Mildred Arabella Rodgers.....	Cambridge, Mass.	Cambridge, Mass.
24	Joseph De Costa.....	Chelmsford, Mass.	Mataponsett, Mass.
	Mildred Perry Reed.....	Chelmsford, Mass.	Lowell, Mass.
25	William Henry Brady.....	Somerville, Mass.	Cambridge, Mass.
	Aldora M. Decelle.....	Chelmsford, Mass.	Canada

Date	Name	Residence	Birthplace
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SEPT.

1	Francis W. Warren	Stow, Mass.	Stow, Mass.
	Mary F. Coburn	Chelmsford, Mass.	Chelmsford, Mass.
2	Frederick Burne	Chelmsford, Mass.	Chelmsford, Mass.
	Dorothy Caroline Pevey	Chelmsford, Mass.	Boston, Mass.
6	Oscar Rodrigues	Chelmsford, Mass.	Portugal
	Estelle Blanche Porter	Billerica, Mass.	Lowell, Mass.
11	James Simpson	Chelmsford, Mass.	Medford, Mass.
	Katherine Clark	Chelmsford, Mass.	Carlisle, Mass.
16	Frank Sousa	Chelmsford, Mass.	Lowell, Mass.
	Myrtle Hodson	Stoncham, Mass.	East Boston, Mass.
20	Oscar F. Palmgren	Lowell, Mass.	Sweden
	Alice M. Tongberg	Chelmsford, Mass.	Pawtucket, R. I.
20	Harold R. Swett	Chelmsford, Mass.	Woodsville, N. H.
	Shirley R. McGray	Ayer, Mass.	Knox, Me.
28	Joseph C. Tamkun	Chelmsford, Mass.	Poland
	Frances C. Szylvian	Westford, Mass.	Westford, Mass.

OCT.

4	Charles Hatch	Lowell, Mass.	Lowell, Mass.
	Antonia Sousa	Chelmsford, Mass.	Portugal
9	Harold Bloodgett	Chelmsford, Mass.	Chelmsford, Mass.
	Marion Galloway	Lowell, Mass.	Lowell, Mass.
11	Alpin Anderson	Carlisle, Mass.	Acton, Mass.
	Emma Plummer	Lowell, Mass.	Manchester, N. H.
21	Joseph Henry Smith	Chelmsford, Mass.	Chelmsford, Mass.
	Estelle Monette	Chelmsford, Mass.	Lowell, Mass.

NOV.

1	Harold E. Hunter	Chelmsford, Mass.	Tyngsboro, Mass.
	Ethel A. Cunningham	Chelmsford, Mass.	St. George, N. B.
8	Thorloaf Erikson	Chelmsford, Mass.	Chelmsford, Mass.
	Tillie Octavia Peterson	Maynard, Mass.	St. Louis, Mo.
9	John P. Tansey	Chelmsford, Mass.	Chelmsford, Mass.
	Eva Marie LeBlanc	Dracut, Mass.	Lowell, Mass.
12	Frederick Latuch	Nashua, N. H.	Nashua, N. H.
	Hazel Harwood	Nashua, N. H.	Nashua, N. H.
15	George Champaguy	Tyngsboro, Mass.	Tyngsboro, Mass.
	Beatrice Bellows	Barre, Mass.	Barre, Mass.
17	Earl C. Wyman	Tyngsboro, Mass.	Tyngsboro, Mass.
	Antoinette Morrell	Tyngsboro, Mass.	Lowell, Mass.
21	Paul H. De Carteret	Chelmsford, Mass.	Chelmsford, Mass.
	Lillian Frances Ryan	Lowell, Mass.	Brockton, Mass.
25	Gaetano Spano	Lowell, Mass.	Glen Falls, N. Y.
	Lena Locapo	Chelmsford, Mass.	Chelmsford, Mass.
27	Hollis F. Moore	Lowell, Mass.	Lowell, Mass.
	Mabel Fay Russon	Tyngsboro, Mass.	Westford, Mass.
27	Elmer D. Stuart	Chelmsford, Mass.	Chelmsford, Mass.
	Ida Cayer	Lowell, Mass.	Westfield, Mass.
29	Benard Navickas	Lowell, Mass.	Boston, Mass.
	Jenny Bomal	Chelmsford, Mass.	Lowell, Mass.

DEC.

7	Charles E. Moister	Medford, Mass.	Somerville, Mass.
	Ethel A. Pigeon	Lowell, Mass.	Boston, Mass.
12	John J. Raskob, Jr.	Chelmsford, Mass.	Wilmington, Del.
	Minerva E. Aaronson	New Haven, Conn.	Ansonia, Conn.
20	Clifford L. Lloyd	Nova Scotia	Nova Scotia
	Gertrude I. Daley	Chelmsford, Mass.	Chelmsford, Mass.
21	Raymond Earl Cahill	Lowell, Mass.	Lowell, Mass.
	Blanche Louise Ayotte	Chelmsford, Mass.	Chelmsford, Mass.

DEATHS

Date	Name	Year	Mos.	Days
JAN.				
1	George Blanchard Bushee..... (Husband of Ann A. Malloy)	79.....	8.....	29
7	Laukad Valentine.....	8.....	4.....	26
8	Mary Louise Sargent..... (Widow of Warner Bartlett Sargent)	64.....	10.....	3
20	Thomas F. Curry..... (Husband of Mary McMahan)	71.....	0.....	0
21	A. Heady Park..... (Husband of Celia Butters)	73.....	4.....	10
25	Charles Franklin Fellows..... (Widower of Maria Callahan)	80.....	5.....	14
FEB.				
3	Ludger Cote..... (Husband of Delia La Rochelle)	32.....	3.....	26
12	Victor E. Svenson..... (Husband of Mabel Wilson)	35.....	0.....	0
14	John Joseph Sullivan.....	72.....	0.....	0
16	Florence Lucy Burton..... (Wife of George E. Burton)	46.....	9.....	17
18	Elise Bonneau..... (Wife of Toussant Bonneau)	78.....	6.....	26
23	(Stillborn) Fantozzi.....	0.....	0.....	0
23	Raymond Lajeunesse.....	0.....	2.....	22
26	Frances S. Kenneson..... (Wife of William T. Kenneson)	78.....	1.....	3
26	Mary Zaher.....	0.....	0.....	1
MAR.				
14	John Leslie..... (Husband of Elizabeth Elliott)	57.....	3.....	0
20	Moses Leroux.....	48.....	0.....	0
26	Herbert Leroy Bishop..... (Husband of Emily F. Wilson)	63.....	0.....	2
26	Deborah Williams.....	49.....	6.....	12
APR.				
6	William Joseph Brooks..... (Husband of Mary O'Rourke)	29.....	0.....	0
6	John Kerrigan.....	0.....	0. 2 hrs., 30 min.	
14	Ernest K. Hefler.....	1.....	5.....	11
14	Charles H. Saunders.....	29.....	0.....	0
17	_____ Hasteley.....	0.....	0.....	½ hr.
19	(Stillborn) Craven.....	0.....	0.....	0
21	Mary Ann Holt..... (Wife of George H. Holt)	86.....	0.....	17
23	Catherine Lacourse..... (Wife of George Lacourse)	56.....	0.....	0
30	Michael H. McKennedy..... (Husband of Catherine Harrington)	53.....	0.....	0
JAN.				
8	Mary Kerins.....	8.....	10.....	5

Date	Name	Year	Mos.	Days
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MAY

1	Aldina Santos (Wife of Albert Santos)	54	0	0
3	John Trubey (Husband of Emily Spurr)	91	11	2
11	Agnes M. Wright (Wife of William Wright)	72	2	21
19	Evelyn May Bartlett	1	10	2
22	James Griffiths Birtwell (Husband of Mary Ramsbottom)	86	1	28
28	Edith Louise Trubey	4	11	5

JUNE

3	Frances McCarthy	72	4	1
5	Henrietta M. Clarke (Wife of Samuel J. Clarke)	53	6	0
11	Charles Whitcomb (Husband of Lita Astell)	75	0	21
13	Christopher D. Bartlett	0	4	19
25	Daniel A. Reardon (Husband of Mary J. Garvey)	65	0	0
25	Hattie A. Smith (Wife of Edward W. Smith)	75	8	26

JULY

9	Emma Ducharme (Wife of Thadde Ducharme)	73	0	0
12	Emma C. Mattson (Wife of John Mattson)	73	1	22

AUG.

4	Florence I. Rawling	18	10	10
15	Amy E. Stanley	53	10	0
16	Ruth Shirley Martel	2	10	10
18	Adeline E. Carl	61	7	29
19	Thomas Arthur Harmon	74	1	2
23	(Stillborn) White	0	0	0
25	Agnes V. Brown	24	6	21
25	George Marchildon	64	3	30
29	(Infant) Ziembra	0	0	2 min.

SEPT.

4	————— Deamicis	0	1	0
24	Rita A. Brennan	6	6	0
27	Nellie Perham Parker	71	5	3

OCT.

2	Eugene A. Gagnon	0	1	29
17	Robert M. Sullivan	0	1	23
19	(Stillborn) Landry	0	0	0
21	George Crosby Libbee	62	10	6

NOV.

1	Boleslaw Balkum	41	2	7
5	Ednaeae Cormick	21	11	10
11	(Stillborn) Olson	0	0	0
19	Robert M. Hill	74	3	19
23	James McGovern	57	0	0
29	Louise May Greenwood	0	1	24

Date	Name	Year	Mos.	Days
DEC.				
2	John J. Sylvia..... (Husband of Marie S. Grant)	50.....	0.....	0
6	Susan F. Clark..... (Widow of Rueben)	75.....	0.....	12
26	Felix Proulx..... (Husband of Victoria L.)	57.....	3.....	6
27	David Edward Scoble..... (Husband of Helen Richardson)	41.....	9.....	18
29	Ferdinand A. Vasselin..... (Husband of Harriett S.)	85.....	9.....	27

JURY LIST FOR THE TOWN OF CHELMSFORD, MASS.

Revised August 1, 1929

Austin, Arthur W., Carpenter, Gay St., North Chelmsford.
Adams, George C., Machinist, Wightman St., North Chelmsford.
Alcorn, James, Farmer, Hunt Rd., South Chelmsford.
No. 1. Brown, Eliphalet G., Printer, Chelmsford St., Westlands.
No. 2. Burbeck, Eli T., Foreman, Chelmsford St., Westlands.
Blomgren, Sigurd, Salesman, Beaulieu St., East Chelmsford.
Beaulieu, William E., Carpenter, Anierst St., North Chelmsford.
Connors, John E., Furniture Maker, Dartmouth St., North Chelmsford.
No. 4. Cooke, Archibald, Brick Mason, Main St., West Chelmsford.
Daughraty, Charles, Box Maker, Mallock Rd., East Chelmsford.
Dow, John C., Machinist, Gorham St., East Chelmsford.
No. 3. Ducharme, Timothy, Carpenter, Westford St., Chelmsford Centre.
Edwards, A. Franklin, Moulder, Main St., West Chelmsford.
Emerson, Ralph, Auto Dealer, North Rd., Chelmsford Centre.
Finnick, Charles, Farmer, Gorham St., East Chelmsford.
Fletcher, Fred L., Farmer, Westford Rd., Chelmsford Centre.
George, David B., Carpenter, Boston Rd., Chelmsford Centre.
Grant, James R., Retired, Chelmsford St., Westlands.
Grant, James A., Insurance, Chelmsford St., Westlands.
Gray, Earl M., Banker, Warren Ave., Chelmsford Centre.
Gustafson, A. Samuel, Electrician, Riverneck Rd., East Chelmsford.
No. 5. Hamilton, Thomas L., Salesman, Westford St., Chelmsford Centre.
No. 6. Haley, Daniel E., Manager, Bridge St., Chelmsford Centre.
Hoezel, Charles E., Operator, Ripley St., North Chelmsford.
Harrington, John E., Insurance, Highland Ave., North Chelmsford.
Ingham, David, Retired, Chelmsford St., Westlands.
Jennison, Lewis H., Salesman, Gorham St., East Chelmsford.
No. 7. Johnston, William J., Candy Maker, Dalton Rd., Westlands.
Johnson, Wilhelm T., Tailor, North Rd., Chelmsford Centre.
Johnson, John G., Tailor, North Rd., Chelmsford Centre.
Kilburn, William J., Printer, Golden Cove Rd., Westlands.
Kiberd, James, Sr., Painter, Newfield St., North Chelmsford.
No. 8. Kimball, Perley J., Farmer, Crosby St., Chelmsford Centre.
No. 9. Lapham, Wilbur E., Farmer, Maple Rd., South Chelmsford.
Lupien, Frank J., Machinist, Westford St., Chelmsford Centre.
McAdams, John A., Draftsman, Stedman St., Westlands.
McIntosh, George A., Machinist, Subway Ave., Westlands.
McGlinchey, Peter, Stonecutter, Main St., West Chelmsford.
No. 10. Monahan, J. Carroll, Contractor, Main St., West Chelmsford.
Meagher, John J., Superintendent, Gorham St., East Chelmsford.
Paignon, Emile E., Grain Dealer, Proctor Rd., South Chelmsford.
Park, Albert S., Inspector, Boston Rd., Chelmsford Centre.
Parker, John F., Real Estate, Acton Rd., South Chelmsford.
Perham, Karl M., Farmer, Dalton Rd., Chelmsford Centre.
Parkhurst, Winthrop, Treasurer, Acton Rd., Chelmsford Centre.
Picken, William T., Office Manager, Middlesex St., North Chelmsford.
Queen, Clifford, Laborer, Newfield St., North Chelmsford.
Quigley, William H., Engineer, Princeton St., North Carolina.
Reid, George S., Blacksmith, Main St., West Chelmsford.
Russell, Herbert S., Caretaker, Middlesex St., North Chelmsford.
Russell, Edward, Lumberman, North Rd., Chelmsford Centre.
Rigby, George, Operative, Dartmouth St., North Chelmsford.
Stearns, Edwin L., Carpenter, Stedman St., Westlands.
Sullivan, Daniel W., Farmer, Riverneck Rd., Chelmsford Centre.
Sweetser, Hosmer W., Clerk, Chelmsford St., Westlands.
Tucke, Edward, Sr., Retired, Grosvenor St., North Chelmsford.
Vinal, John W., Retired, Groton Rd., North Chelmsford.

No. 11. Waite, George L., Farmer, Acton Rd., South Chelmsford.
Wheeler, Arthur O., Agent, Wright St., North Chelmsford.
No. 12. Murphy, Edward P., Barber, Yale St., North Chelmsford.

No. 1 drawn Sept. 16, 1929.
No. 2 drawn Sept. 15, 1930.
No. 3 drawn Oct. 24, 1930.
No. 4 drawn Sept. 15, 1930.
No. 5 drawn Nov. 1, 1930.
No. 6 drawn Nov. 27, 1929.

No. 7 drawn March 15, 1930
No. 8 drawn March 15, 1930.
No. 9 drawn Sept. 15, 1930.
No. 10 drawn Nov. 1, 1930.
No. 11 drawn Jan. 13, 1930.
No. 12 drawn Sept. 16, 1929.

HAROLD C. PETTERSON,
Town Clerk.

FINANCIAL REPORT OF THE TOWN CLERK

DOG LICENSES

(December 1 to December 1)

Male Dogs	397
Female	67
	464

RECEIPTS

Marriage Licenses	\$ 64.00
Recording Fees	57.15
Auto Dealer's License.....	15.00
Sporting Licenses	755.50
Birth Certificates	2.00
Gasoline Licenses	4.20
Certificates of Registration.....	5.00
Sunday Licenses	48.00
Concert and Dance License.....	5.00
Common Victuallers' Licenses.....	40.00
Auctioneers' Licenses	4.00
Garage Licenses	2.00
Bottling License	10.00
Alcohol Licenses (denatured).....	12.00
Junk Licenses	10.00
Slaughter House License.....	1.00
Ice Cream License.....	1.00
Death Certificate .....	.25
Dynamite License	5.00
Dog Licenses	1,129.00
	\$2,170.10

PAID OUT

Marriage Licenses	\$ 64.00
Recording Fees	57.15
Auto Dealer's License.....	15.00
Sporting Licenses	669.00
Sporting License Fees.....	86.50
Birth Certificates	2.00
Gasoline Licenses	4.20
Certificates of Registration.....	5.00
Sunday Licenses	48.00
Concert and Dance License.....	5.00
Common Victuallers' Licenses.....	40.00
Auctioneers' Licenses	4.00
Garage Licenses	2.00
Bottling License	10.00
Alcohol Licenses (denatured).....	12.00
Junk Licenses	10.00
Slaughter House License.....	1.00
Ice Cream License.....	1.00
Death Certificate .....	.25
Dynamite License	5.00
Dog Licenses	1,036.20
Dog License Fees.....	92.80
	\$2,170.10

HAROLD C. PETTERSON,
Town Clerk.

Report of Town Accountant

To the Honorable Board of Selectmen and to the Citizens of Chelmsford:

I herewith present the annual report of the Town Accountant in accordance with Chapter 624, Section 7 of Revised Laws. I have also presented all such financial matters as may be of general interest.

I wish to remind the general public that all books of accounts are open to the public for their inspection at any time and the Accountant will be pleased to assist any person who wishes to examine the same.

If there is any part of this report which is not clear to the reader the Accountant will explain the same upon request.

All transfers made and shown in this report were authorized by vote of the Finance Committee or by vote in Town Meeting.

RECEIPTS

GENERAL REVENUE

TAXES

CURRENT YEAR:

Poll	\$ 2,090.00	
Personal Estate	29,212.20	
Real Estate	118,359.72	
Auto Excise Tax.....	11,046.78	
	<hr/>	\$160,708.70

PREVIOUS YEARS:

Poll	\$ 1,270.00	
Personal Estate	1,666.96	
Real Estate	43,860.61	
Auto Excise Tax.....	2,453.48	
	<hr/>	\$ 49,253.05

FROM THE STATE:

National Bank Tax 1926.....	\$.58	
National Bank Tax 1927.....	.26	
National Bank Tax 1929.....	3.20	
National Bank Tax 1930.....	39.71	
Veterans' Exemption 1930.....	83.70	
Corporation Tax 1930	1,988.28	
Corporation Tax 1929	1,483.79	
Corporation Tax 1929, Interest ...	4.47	
Income Tax 1929	1,703.00	
Income Tax 1930, Business	16,682.04	
Income Tax 1930, Corporation ...	31,440.00	
Income Tax 1930, Educational	9,020.00	
	<hr/>	\$ 62,449.03

Total from Taxes..... \$272,410.78

GRANTS AND GIFTS

FROM COUNTY:

Dog Licenses	\$ 951.13	
Acton Road	3,995.52	
Central Square	3,983.83	
Old Westford Road.....	1,000.00	
	<hr/>	\$ 9,930.48

FROM STATE:

Acton Road	\$ 3,994.42	
Old Westford Road.....	1,000.00	
Central Square	3,983.83	
	<hr/>	\$ 8,978.25

Total from Grants and Gifts..... \$ 18,908.73

FINES AND FORFEITS

Court Fines	\$ 2,282.05	
	<hr/>	\$ 2,282.05
		\$ 2,282.05

LICENSES AND PERMITS

Marriage Licenses	\$ 64.00	
Auto Dealers	15.00	
Sunday Licenses	48.00	
Common Victuallers' Licenses.....	40.00	
Auctioneers' Licenses	4.00	
Certificates of Registration.....	5.00	
Gasoline Licenses	4.20	
Slaughter House License.....	1.00	
Bottling License	10.00	
Pedlars' Licenses	84.00	
Milk Licenses	47.00	
All Other Fees.....	105.65	
	<hr/>	\$ 427.85
Total from Licenses and Permits...		\$ 427.85

GENERAL GOVERNMENT

TOWN HALLS:

Rent from Chelmsford Centre Town Hall	\$ 213.00	
Rent from Town Hall, North Chelmsford	234.00	
	<hr/>	\$ 447.00
Total from General Government....		\$ 447.00

PROTECTION OF PERSONS AND PROPERTY

SEALER OF WEIGHTS AND

MEASURES:

Sealing and Testing.....	\$ 131.67	
	<hr/>	\$ 131.67

FORESTRY:

Extermination of Moths.....	\$ 71.93	
	<hr/>	\$ 71.93
Total from Protection of Persons and Property		\$ 203.60

HEALTH DEPARTMENT

Reimbursement for T. B. Patients....	\$ 580.00	
All Other	3.75	
	<hr/>	\$ 583.75
Total from Health Department.....		\$ 583.75

HIGHWAYS

Removal of Snow.....	\$ 60.00	
Sale of Pipe.....	45.00	
Oil	5.50	
All Other	86.75	
	<hr/>	\$ 197.25
Total from Highway Department..		\$ 197.25

DEPARTMENT OF PUBLIC WELFARE

INFIRMARY:

Sale of Produce.....	\$ 461.17	
	<hr/>	\$ 461.17

REIMBURSEMENT FOR OUT- SIDE POOR:

Cities and Towns.....	\$ 2,548.59	
State Temporary Aid.....	847.60	
Mothers' Aid	456.67	
All Other	5.00	
	<hr/>	\$ 3,857.86

Soldiers' Benefits:

State Aid	\$ 216.00	
Military Aid	67.50	
	<hr/>	\$ 283.50

Total from Public Welfare and Soldiers' Benefits		\$ 4,602.53
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SCHOOL DEPARTMENT

Tuition	\$ 4,377.63	
Rent	165.00	
Sale of Waste Paper.....	16.31	
	<hr/>	\$ 4,558.94
Total from Schools.....		\$ 4,558.94

LIBRARIES

Sale of History.....	\$ 18.75	
	<hr/>	\$ 18.75
Total from Libraries.....		\$ 18.75

CEMETERIES

Sale of Lots and Graves.....	\$ 252.50	
	<hr/>	\$ 252.50
Total from Cemeteries.....		\$ 252.50

INTEREST

On Deposits	\$ 661.23	
On Taxes	3,435.35	
On Trust Fund Perpetual Care.....	635.71	
	<hr/>	\$ 4,732.29
Total from Interest.....		\$ 4,732.29

MUNICIPAL INDEBTEDNESS

Anticipation of Revenue.....	\$170,000.00	
	<hr/>	\$170,000.00
Total from Municipal Indebtedness		\$170,000.00

AGENCY TRUST AND INVESTMENT

Chelmsford Water District: Tax and Interest	\$ 483.00	
North Chelmsford Fire District: Tax and Interest	1,744.65	
	<hr/>	\$ 2,227.65
Cemetery Perpetual Care Donations: Gifts	\$ 500.00	
	<hr/>	\$ 500.00
Total from Agency Trust and Investment		\$ 2,727.65

REFUNDS

Police Department	\$ 42.36	
Checks taken in on Sundry Persons..	307.34	
Public Buildings Insurance.....	90.40	
Board of Health.....	4.00	
E. W. Sweetser Discrepancy Account	10,000.00	
Town Treas. and Collector Expense..	.65	
	<u> </u>	\$ 10,444.75
Total from Refunds.....		\$ 10,444.75

UNPAID ORDERS

Coupons not cashed.....	\$ 40.00	
	<u> </u>	\$ 40.00
Total for Unpaid Orders.....		\$ 40.00
Total Receipts for 1930.....		\$492,838.42
Cash on hand January 1, 1930.....		12,469.65
		<u> </u>
		\$505,308.07
Less Discrepancy in Treas. Cash July 7, 1930.....		6,694.98
		<u> </u>
Total Receipts for 1930 and Cash on Hand January 1, 1930.....		\$498,613.09
Less Payments made in 1930.....		483,884.59
		<u> </u>
Cash on Hand January 1, 1931.....		\$ 14,728.50

PAYMENTS

GENERAL GOVERNMENT

MODERATOR:

Salary	\$ 10.00	
	<u> </u>	\$ 10.00

SELECTMEN:

Salaries	\$ 750.00	
	<u> </u>	\$ 750.00

OTHER EXPENSES:

Stationery and Postage.....	\$ 24.49	
Printing and Advertising.....	68.50	
Telephone	106.22	
	<u> </u>	\$ 199.21

TOWN CLERK AND ACCOUNTANT:

Salary	\$ 2,000.00	
	<u> </u>	\$ 2,000.00

Other Expenses:

Clerk Hire	\$ 123.90	
Bond	5.00	
Stationery and Postage.....	9.31	
Printing and Advertising.....	35.20	
Supplies	19.43	
Binding	37.50	
All Other	28.21	
	<u> </u>	\$ 258.55

TOWN TREASURER AND
TAX COLLECTOR:

Salary	\$ 2,000.00	
	<u> </u>	\$ 2,000.00

OTHER EXPENSES:

Clerk Hire	\$ 56.00	
Stationery and Postage.....	286.33	
Printing and Advertising.....	182.50	
Car Fares	8.00	
Telephone	16.20	
All Other	238.97	
	<u> </u>	\$ 788.00

BOND:

For Collector and Temporary Col- lector	\$ 1,071.40	
	<u> </u>	\$ 1,071.40

ASSESSORS DEPARTMENT:

Wages	\$ 2,159.45	
	<u> </u>	\$ 2,159.45

OTHER EXPENSES:

Stationery and Postage.....	\$ 31.75	
Printing and Advertising.....	135.05	
Car Fares	59.32	
Supplies	15.28	
All Other	70.35	
	<u> </u>	\$ 311.75

TOWN COUNSEL:

Salary	\$ 300.00	
	<u> </u>	\$ 300.00

FINANCE COMMITTEE:

Advertising	\$ 6.00	
	<u> </u>	\$ 6.00

ELECTION AND REGISTRATION :

Registrars' Salaries	\$ 155.40	
Election Officers	683.50	
Stationery and Postage.....	.54	
Printing and Advertising.....	276.40	
Transportation	19.25	
Rent	19.00	
	<hr/>	
		\$ 1,154.09

PUBLIC BUILDINGS (TOWN HALLS) :

Janitors' Salaries	\$ 950.00	
	<hr/>	
		\$ 950.00

FUEL, LIGHT AND WATER :

Fuel	\$ 611.90	
Light	234.12	
Water	20.00	
	<hr/>	
		\$ 866.02

REPAIRS :

Painting, etc.	\$ 627.39	
	<hr/>	
		\$ 627.39

ALL OTHER EXPENSE :

Brooms, Wax, Floor Cleaner, etc... \$	53.53	
	<hr/>	
		\$ 53.53

Total for General Government..... \$ 13,505.39

PROTECTION OF PERSONS AND PROPERTY

POLICE DEPARTMENT :

SALARIES—

Chief	\$ 1,959.13	
Patrolmen	3,804.23	
Special Police	207.50	
Investigations	201.20	
Constable	54.00	
Transportation	19.50	
Keeping Prisoners	49.25	
Gas and Oil.....	410.80	
Equipment for Men.....	307.11	
Motor Cycles	70.81	
Printing, Stationery and Postage	33.37	
Telephone	111.24	
All Others	3.72	
	<hr/>	
		\$ 7,231.86

FIRE DEPARTMENT :

SALARIES—

Engineers	\$ 349.97	
Firemen	2,837.48	
Janitors	435.00	
	<hr/>	
		\$ 3,622.45

ENGINEER'S EXPENSE:

Transportation	\$	160.00	
All Other		17.54	
		<hr/>	\$ 177.54

FIRES:

Labor and Expenses.....	\$	662.77	
		<hr/>	\$ 662.77

MAINTENANCE:

Garage Rent	\$	311.24	
Repairs and Apparatus.....		641.76	
Gas and Oil.....		179.00	
Fuel		204.50	
Light		209.25	
Repairs on Buildings.....		455.47	
Stationery and Postage.....		23.50	
Telephones and Alarm System....		963.01	
Apparatus		136.94	
Hose		493.92	
Equipment for Men.....		178.45	
Water		2.00	
		<hr/>	\$ 3,799.04

NEW HOSE:

Special Appropriation	\$	488.04	
		<hr/>	\$ 488.04

FIRE ALARM SYSTEM

(SPEC. APP.)

New System	\$	596.11	
		<hr/>	\$ 596.11

HYDRANT SERVICE:

North Chelmsford	\$	750.00	
Chelmsford Centre		750.00	
West Chelmsford		20.00	
		<hr/>	\$ 1,520.00

SEALER OF WEIGHTS AND MEASURES:

Wages	\$	166.00	
Seals and Dies.....		7.32	
		<hr/>	\$ 173.32

MOTH DEPARTMENT:

Supt. Salary	\$	499.92	
Labor		1,024.46	
Stationery and Postage.....		4.00	
Insecticides		438.21	
Hardware and Tools.....		2.25	
Repairs		132.97	
Gas and Oil.....		65.53	
		<hr/>	\$ 2,167.34

TREE WARDEN:

Labor	\$	344.14	
All Other .....		.55	
Tools		21.02	
Printing		5.75	
		<hr/>	
	\$		371.46

FOREST FIRE DEPARTMENT:

Warden	\$	60.00	
Fighting Fires		1,196.40	
Apparatus		81.84	
All Other		8.47	
		<hr/>	
	\$		1,346.71

PURCHASE OF FIRE HOUSE:

At West Chelmsford.....	\$	2,000.00	
Legal Expenses		50.00	
		<hr/>	
	\$		2,050.00

Total for Protection of Personal Property..... \$ 24,206.64

HEALTH AND SANITATION

Salaries:

Board of Health.....	\$	513.67	
		<hr/>	
	\$		513.67
Agent	\$	350.00	
		<hr/>	
	\$		350.00
Meat Inspector	\$	600.00	
		<hr/>	
	\$		600.00
Milk Inspector	\$	350.00	
		<hr/>	
	\$		350.00
Animal Inspector	\$	200.00	
		<hr/>	
	\$		200.00
Physicians' Salaries	\$	100.00	
		<hr/>	
	\$		100.00

Maintenance:

Stationery and Postage.....	\$	12.10	
Printing and Advertising.....		74.13	
Burying Dogs		24.00	
Drugs and Medicines.....		12.64	
Return of Births.....		4.25	
Traveling		10.00	
Medical Attendance		15.00	
		<hr/>	
	\$		152.12

AID:

Sundry Persons	\$ 78.23	
	<u> </u>	\$ 78.23

CARE OF WARREN AVE. DUMP:

Labor and Expense.....	\$ 75.27	
	<u> </u>	\$ 75.27

Total for Health and Sanitation....		\$ 2,419.29
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HIGHWAY DEPARTMENT

Supt. Salary	\$ 2,500.00	
	<u> </u>	\$ 2,500.00

HIGHWAY GENERAL:

Labor	\$ 11,664.90	
Teams	2,000.78	
Stone, Gravel, Sand.....	1,892.84	
Equipment and Repairs.....	4,732.21	
Gas and Oil.....	646.17	
Removal of Snow.....	917.36	
All Other	144.29	
	<u> </u>	\$ 21,998.55

TRUCK MAINTENANCE:

International Truck (Town owned)	\$ 531.38	
Federal Truck (Town owned).....	1,198.80	
Mack Truck (State owned).....	113.99	
International (new truck).....	338.11	
	<u> </u>	\$ 2,182.28

ROAD BINDER:

Oil and Cold Patch.....	\$ 7,877.22	
	<u> </u>	\$ 7,877.22

CUTTING BRUSH:

Labor and Tools.....	\$ 586.15	
	<u> </u>	\$ 586.15

STREET SIGNS:

Painting and Signs.....	\$ 117.40	
	<u> </u>	\$ 117.40

ACTON ROAD:

Labor, Binder, Stone, Gravel.....	\$ 11,841.31	
	<u> </u>	\$ 11,841.31

CENTRAL SQUARE:

Labor, Binder, Stone, Gravel, Pipe	\$ 11,918.52	
	<u> </u>	\$ 11,918.52

OLD WESTFORD ROAD:

Labor, Binder, Gravel and Pipe....	\$ 2,939.91	
	<u> </u>	\$ 2,939.91

CARLISLE CONCORD ROAD:

Labor, Binder, Gravel, Pipe.....	\$ 2,992.93	
	<u> </u>	\$ 2,992.93

NEWFIELD STREET:

Labor, Binder, Stone, Gravel, Pipe.	\$ 1,996.27	
	<u> </u>	\$ 1,996.27

NEW TRUCK FOR HIGHWAY DEPT.:

Purchase Price	\$ 5,271.25	
	<u> </u>	\$ 5,271.25

STREET LIGHTS:

Lighting	\$ 15,806.64	
	<u> </u>	\$ 15,806.64

Total for Highway Dept.....		\$ 88,028.43
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DEPARTMENT OF PUBLIC WELFARE

Salaries	\$ 325.00	
	<u> </u>	\$ 325.00

BOARD OF PUBLIC WELFARE:

Maintenance	\$ 7.25	
	<u> </u>	\$ 7.25

OUTSIDE RELIEF:

Groceries and Provisions.....	\$ 4,124.03	
Coal, Wood	901.96	
Rent	621.64	
Medicine and Attendance.....	310.40	
State Institutions	607.82	
Other Expense	64.38	
Town Cash	211.00	
	<u> </u>	\$ 6,841.23

RELIEF FOR OTHER CITIES AND TOWNS:

Lowell	\$ 937.65	
Taunton	360.00	
Westford	751.04	
	<u> </u>	\$ 2,048.69
State Case	\$ 897.60	
	<u> </u>	\$ 897.60

MOTHERS' AID:

Town	\$ 2,380.00	
		\$ 2,380.00

RELIEF BY OTHER CITIES AND TOWNS:

Cities	\$ 169.19	
Towns	184.85	
		\$ 354.04

AMBULANCE:

Service	\$ 37.00	
		\$ 37.00

INFIRMARY:

Supt. Salary	\$ 900.00	
		\$ 900.00

OTHER EXPENSES:

Other Employees	\$ 106.10	
Groceries and Provisions.....	942.86	
Clothing and Dry Goods.....	51.97	
Fuel and Light.....	250.24	
Water	27.00	
Hay and Grain.....	295.05	
Supplies	59.76	
Medicine and Medical Attendance...	420.88	
Telephone	38.88	
Blacksmith	7.50	
Tools	11.58	
All Other	18.52	
		\$ 2,230.34

REPAIRS:

Buildings	\$ 77.80	
		\$ 77.80

Total for Dept. of Public Welfare.. \$ 16,098.95

SOLDIERS' BENEFITS

State Aid	\$ 252.00	
		\$ 252.00
Military Aid.....	\$ 198.52	
		\$ 198.52

SOLDIERS' RELIEF:

Fuel	\$ 75.20	
Groceries	82.30	
Rent	23.00	
Medicine .....	.45	
Cash	30.00	
		\$ 210.95

Total for Soldiers' Benefits..... \$ 661.47

SCHOOL DEPARTMENT

ADMINISTRATION :

Supt. Salary	\$	3,766.68
Traveling Expenses		406.74
Truant Officer		23.50
Stationery, Printing and Postage...		55.39
Telephone		21.83
		\$ 4,274.14

INSTRUCTION :

TEACHERS' SALARIES—		
High	\$	17,157.80
Elementary		44,131.00
Evening		60.00
Supervisors		3,080.00
		\$ 64,428.80

BOOKS AND SUPPLIES :

High—Text and Reference Books..	\$	1,080.76
Elementary—Text Books and Reference		1,697.78
High—Supplies		810.94
Elementary—Supplies		1,147.21
Evening—Text Books		13.14
		\$ 4,749.83

TRAVELING EXPENSE :

Car Fares	\$	21.50
		\$ 21.50

NEW EQUIPMENT :

Typewriters, etc.	\$	919.30
		\$ 919.30

OPERATION AND MAINTENANCE :

JANITORS' SALARIES—		
High	\$	1,778.00
Elementary		6,592.76
Evening		3.00
		\$ 8,373.76

FUEL :

High	\$	463.44
Elementary		3,254.78
		\$ 3,718.22
Light, Water and Power.....	\$	1,470.74
		\$ 1,470.74

REPAIRS :

High	\$	1,119.41
Elementary		3,277.82
		\$ 4,397.23

JANITORS' SUPPLIES:

High	\$ 109.60	
Elementary	312.22	
	<hr/>	
All Other	\$ 9.00	\$ 421.82
	<hr/>	
		\$ 9.00

AUXILIARY AGENCIES:

TRANSPORTATION—		
High	\$ 4,500.00	
Elementary	4,510.00	
	<hr/>	
		\$ 9,010.00

NURSE:

Salary	\$ 1,583.28	
Expense	114.92	
	<hr/>	
Physicians' Salaries	\$ 600.00	\$ 1,698.20
	<hr/>	
		\$ 600.00

VOCATIONAL SCHOOL:

Tuition	\$ 3,231.51	
	<hr/>	
		\$ 3,231.51

MARKING McFARLIN SCHOOL:

Tablet	\$ 143.00	
	<hr/>	
		\$ 143.00

Total for Schools.....		<hr/>	\$107,467.05
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LIBRARIES

ADAMS LIBRARY:

Paid Treasurer of Adams Library in Cash.....	\$ 1,600.00	
Librarian	100.00	
Janitor and Other Help.....	62.35	
Repairs	296.60	
Books	279.71	
Light	11.34	
	<hr/>	
		\$ 2,350.00

ADAMS LIBRARY, Painting and Decorating:

Labor and Supervising.....	\$ 750.00	
	<hr/>	
		\$ 750.00

ADAMS LIBRARY, Grading Grounds:

Labor and Supervising.....	\$ 1,000.00	
	<hr/>	
		\$ 1,000.00

NORTH CHELMSFORD LIBRARY:

Annual Appropriation	\$ 1,200.00	
		\$ 1,200.00
Total for Libraries.....		\$ 5,300.00

RECREATION AND UNCLASSIFIED

PARKS:

Labor	\$ 630.18	
Equipment	105.96	
Loam and Fertilizer.....	31.00	
Flowers, Trees, etc.....	97.20	
Care of Flag.....	40.98	
Water	45.15	
Tools	3.75	
Labor at Central Park.....	367.19	
		\$ 1,321.41

IMPROVING VARNEY PLAYGROUNDS:

Labor and Teams.....	\$ 1,922.54	
		\$ 1,922.54

PURCHASE OF LAWN MOWER (POWER)

Part of Purchase Price.....	\$ 150.00	
		\$ 150.00

REPAIRING FLAG POLE
AT CHELMSFORD CENTRE:

Labor	\$ 175.00	
		\$ 175.00

UNCLASSIFIED:

MEMORIAL DAY:

Flowers	\$ 3.00	
Transportation	30.00	
Markers	32.13	
Dinners	118.00	
Costumes	34.00	
Music	90.50	
Instruction	50.00	
Printing	28.75	
Flags	25.00	
		\$ 411.38

MISCELLANEOUS:

Town Clock	\$ 30.00	
Band Concerts	400.00	
Town Reports	630.55	
Agriculture and Home Economics..	300.00	
Purchase of Grappling Irons.....	205.00	
Merrimack River Victims.....	268.01	
Ins. Sinking Fund Treas. Bond.....	40.00	
		\$ 1,873.56

PUBLIC BUILDINGS INSURANCE:

Policies	\$ 635.40	
	<u> </u>	\$ 635.40

UNPAID BILLS, 1929:

Town Treasurer and Collector.....	\$ 87.94	
Town Counsel	27.40	
Public Buildings	73.95	
Police	308.82	
Highways	16.80	
Outside Poor	508.24	
Infirmary	38.55	
Election and Registration.....	15.00	
Finance Committee	60.00	
State Tax	68.77	
	<u> </u>	\$ 1,205.47

INVESTIGATING MUNICIPAL WATER SYSTEM:

Engineers' and Counsel Fees.....	\$ 1,275.00	
	<u> </u>	\$ 1,275.00

INSURANCE SINKING FUND:

Annual Appropriation	\$ 3,500.00	
	<u> </u>	\$ 3,500.00

UNPAID ORDER:

Union National Bank.....	\$ 40.00	
	<u> </u>	\$ 40.00

TAILINGS:

Check taken in and later cashed....	\$ 2.50	
	<u> </u>	\$ 2.50

Total for Recreation and Unclassified: \$ 12,512.26

CEMETERIES

Commissioners' Salaries	\$ 105.00	
	<u> </u>	\$ 105.00

FOREFATHER'S CEMETERY:

Labor	\$ 460.45	
Tools	19.05	
Paint	5.05	
Seed	2.00	
Transportation	5.00	
Water	8.00	
	<u> </u>	\$ 498.55

HART POND CEMETERY:

Labor	\$	430.00	
Fertilizer		18.00	
Tools		13.00	
		<u> </u>	\$ 461.00

PINE RIDGE CEMETERY:

Labor	\$	486.75	
Tools		3.15	
		<u> </u>	\$ 489.90

RIVERSIDE CEMETERY:

Labor	\$	475.00	
Water		15.00	
Plan		10.00	
		<u> </u>	\$ 500.00

WEST CHELMSFORD CEMETERY:

Labor	\$	355.01	
Teams		32.00	
Tools		28.89	
Water		8.00	
Gravel		5.85	
Fertilizer		8.25	
Cement		5.87	
Paint and Oil.....		37.95	
		<u> </u>	\$ 481.82

Total for Cemeteries..... \$ 2,536.27

INTEREST AND MATURING DEBT

INTEREST:

Addition to East Chelmsford School	\$	190.00	
Westland School		300.00	
New Grade School.....		3,813.04	
High School		845.00	
Anticipation of Revenue.....		4,544.97	
		<u> </u>	\$ 9,693.01

MATURING DEBT:

Addition to East Chelmsford School	\$	2,000.00	
Westland School		5,000.00	
Grade School		8,666.00	
High School		3,250.00	
		<u> </u>	\$ 18,916.00

ANTICIPATION OF REVENUE:

Loans	\$148,000.00	
	<u> </u>	\$148,000.00

Total for Interest and Maturing Debt \$176,609.01

AGENCY TRUST AND INVESTMENT

AGENCY :

State Tax	\$	9,170.00	
State Highway Tax		2,473.26	
State Highway Tax, Snow and Ice		343.91	
State Audit		270.49	
			\$ 12,257.66

COUNTY TAX :

Tax	\$	16,402.02	
			\$ 16,402.02
North Chelmsford Fire District...		1,744.65	
Chelmsford Water District.....		483.00	
			\$ 2,227.65

TRUST :

Cemetery Perpetual Care Donations	\$	500.00	
			\$ 500.00

INTEREST ON PERPETUAL CARE DONATIONS :

Forefather's Cemetery	\$	275.00	
Pine Ridge Cemetery.....		26.50	
Hart Pond Cemetery.....		77.00	
Riverside Cemetery		127.50	
West Chelmsford Cemetery.....		129.09	
			\$ 635.09

Total for Agency Trust and Investment			\$ 32,022.42
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REFUNDS

1930 Taxes	\$	769.08	
Motor Excise Tax, 1929.....		64.19	
Motor Excise Tax, 1930.....		571.91	
1929 Taxes		999.94	
1928 Taxes		108.56	
1927 Taxes		3.73	
			\$ 2,517.41

Total for Refunds.....			\$ 2,517.41
Total Payments for 1930.....			\$483,884.59

TRUST FUNDS

	Bank Book	Principal	On Hand Dec. 31, 1929	Income	Payments	On Hand Dec. 31, 1930
Joseph Warren—Adams Library Fund.....	83694	\$ 593.14	\$ 1,853.43	\$ 84.33	\$ 699.98	\$ 1,237.78
Adams Emerson—Library Fund.....	83693	75.00	254.15	11.55		265.70
S. G. Richardson Library Fund.....	115463	200.00	373.32	16.96		390.28
Cemetery Perpetual Care Funds.....	Sundry Books	19,157.12	21,115.70	1,449.85	635.71	21,929.84
H. N. Edwards Cemetery Perpetual Care Fund.....	69924	200.00	200.00	*		200.00
Adams Emerson Cemetery Improvement Fund.....	86521	144.00	125.18	5.67		130.85
Insurance Investment Fund Bank Books						
131298-16610-99250-46440-78370-105588		27,500.00	26,304.52	4,616.36		30,920.88
Aaron George Cemetery Care Fund.....	133061	1,000.00	1,010.50	45.97	56.47	1,000.00
The George Fund.....	133060	2,000.00	2,106.72	95.86	200.00	2,002.58
The George Memorial Hall Fund.....						
73810-22273-126098-42970		17,000.00	8,632.57		8,632.57	
Total		\$67,869.26	\$61,976.09	\$ 6,326.55	\$10,224.73	\$58,077.91

CEMETERY PERPETUAL CARE FUNDS

FOREFATHERS' CEMETERY

CHELMSFORD CENTRE

December 31, 1930

No.	Donations	Lot No.	Bank Book	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
1	Adams, Isaac and T. M.	157	105268	\$82.12	\$84.64	\$3.83	\$5.00	\$83.47
2	Adams, Charles, Isaac and Thomas M. ....	..	15286	500.00	519.52	23.63	5.00	538.15
3	Adams, Eben T. ....	..	150480	100.00	100.00	2.25	..	102.25
4	Andrews, Leonard	4	99281	100.00	101.61	4.59	5.00	101.20
5	Bartlett and Proctor Lot ....	..	149048	100.00	100.25	4.55	2.00	102.80
6	Bartlett, Dr. J. C. ....	..	2199	100.00	..	..	..	100.00
7	Bremmer Lot ....	..	136842	100.00	100.88	4.55	3.00	102.43
8	Brown, Susan E.	5	95542	100.00	100.69	4.55	3.00	102.24
9	Brown, W.	1/2-25	141914	50.00	50.18	2.28	2.00	50.46
10	Coburn Fund	Tomb 23	77063	100.00	101.29	4.59	5.00	100.88
11	Clogston, William H. S.	168	133436	100.00	101.27	4.59	4.00	101.86
12	Day, Alired	46	74252	100.00	102.95	4.66	6.50	101.11
13	Davis, Henry P.	39	103968	100.00	101.74	4.61	5.00	101.35
14	Dutton, Charles ....	..	136078	100.00	100.80	4.57	4.00	101.37
15	Dutton, Elbridge ....	..	149053	100.00	100.25	4.55	3.00	101.80
16	Dutton, Samuel L.	129	106995	100.00	101.63	4.59	5.00	101.32
17	Emerson, Burt .....	..	93312	100.00	101.46	4.59	5.00	101.05
18	Emerson, Adams	85	74249	200.00	201.66	9.16	6.50	204.32
19	Emerson, J. Bradford ....	..	146986	100.00	101.89	4.61	4.00	102.50
20	Emerson, Owen ....	..	138599	100.00	101.31	4.59	4.50	101.40
21	Emerson, Ephraim and Jasper	73	17652	200.00	201.58	9.16	8.00	202.74
22	Fiske, B. M.	Tomb 112	119554	100.00	101.22	4.59	4.00	101.81
23	Fletcher, Gardner ....	..	80048	100.00	102.17	4.64	5.00	101.81
24	Fletcher, Joseph M. ....	..	110531	100.00	100.79	4.57	4.00	101.36
25	Hazen, Sanford	65	106059	100.00	101.31	4.59	4.00	101.90
26	Hobbs, John C.	71	88831	100.00	101.21	4.59	4.50	101.30
27	Hodges and Green Fund	90	97331	100.00	100.65	4.55	4.50	100.70
28	Holt, A. W.	17	141913	100.00	102.42	4.64	6.00	101.06
29	Howard, Levi ....	..	136079	100.00	100.80	4.57	4.00	101.37

30	Howard, Nathaniel and Samuel	Tomb	15781	125.00	127.72	5.79	6.00	127.51
31	Hutchins, Melbourn F.		110301	100.00	100.60	4.55	4.00	101.15
32	Kimball Fund	Tomb 5	74247	100.00	101.40	4.59	5.00	100.99
33	Emerson, R. F.		141910	100.00	103.65	4.68	5.00	103.33
34	Kittredge Fund	145	100017	50.00	50.88	2.30	2.00	51.18
35	Kittredge, Dr. Paul	115	16604	100.00	101.10	4.59	4.50	101.19
36	Marshall, Eben H.		149050	100.00	100.25	4.55	3.00	101.80
37	Marshall Fund		74250	100.00	101.51	4.59	4.00	102.10
38	Marshall, F. A.		138597	100.00	101.08	4.59	4.00	101.67
39	Morton, True	15	17654	100.00	100.58	4.55	3.50	101.63
40	Nason, Fred E.	43	125669	100.00	100.92	4.57	4.00	101.49
41	Parker, Eli P.		91360	100.00	100.64	4.55	4.00	101.19
42	Parker, F. B. and E. F.	89	107919	100.00	101.05	4.59	4.00	101.64
43	Parkhurst, H. and S.	95	93313	100.00	100.99	4.57	4.00	101.56
44	Perham, David		129773	100.00	10.68	4.55	4.00	101.23
45	Perham, David C.	75	91358	100.00	101.11	4.59	4.00	101.70
46	Perham, Henry S.	95	129774	100.00	100.68	4.55	4.50	100.73
47	Perham, Perley P.		105783	100.00	101.40	4.59	5.00	100.99
48	Reed, Emily E.	96	103126	50.00	50.72	2.28	2.50	50.50
49	Reed, Jonathan	185	127028	200.00	201.15	9.13	8.00	202.28
50	Reed, Joseph	131	105267	100.00	100.56	4.55	4.00	101.11
51	Richardson Lot	151	146987	100.00	100.89	4.57	4.00	101.46
52	Richardson, E. and A. H.	94	91359	100.00	100.90	4.57	4.00	101.47
53	Russell, Abbott	31	129653	100.00	100.90	4.57	4.00	101.47
54	Saunders, Elizabeth	30	132584	100.00	101.43	4.59	5.00	101.02
55	Shedd Fund	175	74251	100.00	100.59	4.55	4.00	101.14
56	Shedd, John and John S.	53	80513	200.00	201.19	9.13	8.00	202.32
57	Smith, Elbridge G.	16	80557	100.00	101.14	4.59	4.00	101.73
58	Smith, Joseph W.	74	94059	100.00	100.64	4.55	4.00	101.19
59	Stevens, Jabez		100959	100.00	100.79	4.57	3.50	101.86
60	Sweetser, Charles	47	91357	100.00	101.42	4.59	4.50	101.51
61	Warren and Manning	Tomb	17653	150.00	152.02	6.91	7.00	151.93
62	Webster, E. P.	97	101241	100.00	101.29	4.59	4.00	101.88
63	Cheney, Wilbur A.	35	103453	100.00	101.01	4.59	4.00	101.60
64	Whittemore and Spaulding	79	124195	100.00	101.04	4.59	4.50	101.13
65	Worthen, Frank W.	81	140269	100.00	120.62	5.47	..	126.09
				\$7,207.12	\$7,220.71	\$324.97	\$275.00	\$7,370.68

HART POND CEMETERY

SOUTH CHELMSFORD

December 31, 1930

No.	Donations	Lot No.	Bank Book	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
1	Adams, Calvin W.	93	150484	\$75.00	\$75.00	\$1.69	..	\$76.69
2	Battles, Benjamin M.	..	120989	300.00	357.94	16.24	\$4.00	370.18
3	Bean, Eldad P.	39	119550	100.00	133.89	6.05	2.00	137.94
4	Bickford, D. W.	145	129652	150.00	187.81	8.53	3.00	193.34
5	Blaisdell, Israel	..	110113	100.00	117.81	5.33	12.00	111.14
6	Byam, Frank	..	150481	100.00	100.00	2.25	..	102.25
7	Byam, George O.	..	109448	100.00	120.19	5.45	3.00	122.64
8	Byam, James S.	..	129651	100.00	116.61	5.29	3.00	118.90
9	Byam, John	..	109449	100.00	123.43	5.61	2.00	127.04
10	Byam, Samuel L.	..	144437	100.00	106.45	4.82	2.00	109.27
11	Chamberlin, Adams	..	136080	100.00	111.85	5.07	2.00	114.92
12	Chamberlin, Parker	..	146985	200.00	204.59	9.29	2.00	211.88
13	Fletcher, Benjamin	..	109450	100.00	129.36	5.87	3.00	132.33
14	Hartwell, William	144	124711	100.00	119.44	5.43	2.00	122.87
15	Heywood Fund	..	84376	50.00	52.96	2.39	2.00	53.35
16	Hutchins, Benjamin	..	146983	200.00	205.59	9.34	3.00	211.93
17	Hutchins, Samuel M.	..	104116	100.00	139.29	6.33	3.00	142.62
18	Kendall, Robert N.	..	110114	100.00	126.95	5.74	10.00	122.69
19	Lapham, Edward E.	829	149051	100.00	100.25	4.55	2.00	102.80
20	Palmer, Tristram F.	80	5256	100.00	..	..	..	100.00
21	Parkhurst, John	..	119551	100.00	112.33	5.09	2.00	115.42
22	Scoboria, John	97	119553	100.00	127.42	5.79	8.00	125.21
23	Spaulding, Benjamin	..	15287	100.00	118.37	5.37	2.00	121.74
24	Spaulding, Isaih B.	..	139468	100.00	107.95	4.89	2.00	110.84
25	Spaulding, Orrin	37	119552	100.00	122.90	5.56	3.00	125.46
				\$2,875.00	\$3,218.38	\$141.97	\$77.00	\$3,383.35

RIVERSIDE CEMETERY

NORTH CHELMSFORD

December 31, 1930

No.	Donations	Lot No.	Bank Book	Principal	Income	
					1930	On Hand Dec. 31, '29
1	Adams, Clara A. H.	101	90532	\$200.00	\$12.87	\$293.02
2	Adams, Willie	158	106994	100.00	5.97	134.51
3	Asmus, J. H. M.	62	84375	200.00	14.88	338.90
4	Barton, James	130	129655	100.00	5.74	129.50
5	Batchelder, Ann M.	..	131854	150.00	9.19	208.33
6	Burnham, Roswell	117	133025	100.00	4.91	106.13
7	Carlton, Phineas	120	74702	150.00	8.83	198.17
8	Carr, Samuel	C	136081	100.00	3.00	112.56
9	Clark, John H.	91	106060	300.00	5.02	499.29
10	Davidson and Ripley Fund	65	100957	200.00	22.03	310.04
11	Ebert and Weaver	37-46	100018	200.00	13.70	276.07
12	Edwards, Harriet N. and Howard	Tomb 82	69924	200.00	12.11	249.92
13	Edwards, N. B.	..	120988	250.00	11.21	362.92
14	Hatch, E. V.	88	100958	100.00	15.91	120.98
15	Hamblett, William	273	150487	100.00	5.47	100.00
16	Huckins, Thomas S.	141	87092	100.00	2.25	111.63
17	Leavitt, Charles S.	313	150485	100.00	5.02	100.00
18	Marinel, John, Sr.	330	105266	100.00	2.25	160.85
19	McCoy, Charles M.	152	16006	100.00	7.11	134.32
20	Mosher, Harry	40	2198	100.00	5.97	100.00
21	Nolte, Justin	36	136843	100.00	..	109.15
22	Page, Francis A.	307	123009	100.00	4.86	107.11
23	Parker, Angelina	173	100016	100.00	4.91	110.28
24	Pease, Joseph W.	142	87094	100.00	5.20	116.08

No.	Donations	Lot No.	Bank Book	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
25	Phelps Lot	6	138600	75.00	80.92	3.65	4.00	80.57
26	Pratt, Marshall	164	104414	100.00	103.19	4.68	3.00	104.87
27	Riddings Lot	155	150483	75.00	75.00	1.69	..	76.69
28	Ripley, Henry T.	A	150486	100.00	100.00	2.25	..	102.25
29	Ritchie, Olive M.	15	144438	100.00	107.62	4.89	..	112.51
30	Sheldon, Arthur H.	227	149049	100.00	100.25	4.55	3.00	101.80
31	Silver Fund .....	..	74248	100.00	189.57	8.59	5.00	193.16
32	Smith, George H.	148	87095	100.00	117.18	5.31	5.00	117.49
33	Whittemore Fund	60	84377	100.00	105.83	4.79	3.00	107.62
34	Wood, Samuel Fox	Tomb	74701	300.00	681.13	30.98	11.00	701.11
35	Wood, Isaac	57	87094	100.00	115.14	5.22	3.00	117.36
				\$4,600.00	\$6,065.82	\$266.87	\$127.50	\$6,305.19

WEST CHELMSFORD CEMETERY

WEST CHELMSFORD

December 31, 1930

No.	Donations	Lot No.	Bank Book	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
1	Billson, George	26	144434	\$75.00	\$78.27	\$3.56	\$2.50	\$79.33
2	Bowers, Sewell	77	82305	100.00	107.23	4.86	3.50	108.59
3	Brown, James and Quist Margaret	113-114	92864	200.00	250.76	11.39	5.00	257.15
4	Brown, Lottie	112	150482	75.00	75.00	1.69	1.69	75.00
5	Brown, William H.	36	107534	75.00	80.63	3.65	2.50	81.78
6	Bussey, Sarah	135	16371	50.00	52.52	2.36	2.00	52.88
7	Butterfield, Jonas C.	65	97894	100.00	118.05	5.36	3.00	120.41
8	Clark, William H.	79	103452	100.00	105.34	4.77	4.00	106.11
9	Dawson and Pollard Lot .....	..	129215	100.00	116.96	5.29	14.35	107.90
10	Decatur, H. C., Lot	20	144436	50.00	52.25	2.36	2.00	52.61
11	Edwards, W. C.	121-122	2197	100.00	..	..	..	100.00
12	Fletcher Fund	98	136844	100.00	114.95	5.20	4.25	115.90
13	Fox, John	42	125666	75.00	84.13	3.83	2.50	85.46
14	Fox, Richard H.	43	136962	75.00	83.95	3.78	4.30	83.43
15	Furlong, Emma L.	57	105269	100.00	107.29	4.86	4.00	108.15

No.	Donations	Lot No.	Bank Book	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
16	Gill, S.	138	149054	75.00	75.00	3.40	2.31	76.09
17	Hodson, Fred	85	135530	100.00	110.43	5.00	2.50	112.93
18	Hodson, Henry R.	86	130498	100.00	107.57	4.86	2.50	109.93
19	Holt, Alice	118	134491	100.00	113.70	5.15	2.50	116.35
20	Holt, Mary A.	112	144435	50.00	53.27	2.41	2.00	53.68
21	Hoyt, J. J.	54	125668	100.00	118.80	5.38	3.00	121.18
22	Jaquith, E. B. K. and Winn J. P.	14-21	80047	150.00	253.41	11.52	5.00	259.93
23	LeDuke Fund	44-45	126580	150.00	158.00	7.18	5.00	160.18
24	Lee, William	120	128152	100.00	120.19	5.45	6.00	119.64
25	Longley, Jonas and Eliza	55	93846	100.00	113.25	5.13	3.00	115.38
26	Naylor Fund	10	141911	100.00	106.76	4.84	2.50	109.10
27	Olsen, Carl	151	141912	75.00	79.40	3.60	2.50	80.50
28	Parkhurst, Alfred G.	146	15782	100.00	118.64	5.38	3.50	120.52
29	Parkhurst, A. W.	7	92865	100.00	111.53	5.07	2.50	114.10
30	Perry, John N.	47	92565	100.00	120.09	5.45	3.50	122.04
31	Peterson, Alfred	62	149052	75.00	75.00	3.40	2.31	76.09
32	Rudkin Lot	370	147078	75.00	76.09	3.44	2.00	77.53
33	Spaulding, Oscar R. ....	..	138598	100.00	106.18	4.82	4.50	106.50
34	Snow, George F.	6	15606	200.00	242.83	11.02	5.00	248.85
35	Walker, Janet	38	129214	100.00	115.13	5.22	2.50	117.85
36	Wheeler, Samuel F.	87	78015	100.00	114.45	4.91	2.50	116.86
37	Whidden Lot	128	146984	100.00	101.80	4.61	2.00	104.41
38	Whidden, John H.	130	105270	100.00	111.21	5.04	2.50	113.75
39	Winship, Marcus H.	66	107918	100.00	123.11	5.58	2.50	126.19
					<u>\$4,253.17</u>	<u>\$190.82</u>	<u>\$129.71</u>	<u>\$4,414.28</u>
					<u>\$3,825.00</u>			

PINE RIDGE CEMETERY

OFF RIVER NECK ROAD, CHELMSFORD CENTRE

December 31, 1930

No.	Donations	Lot No.	Bank Book	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
1	Hazen, Curtis G, and Frances B.	381	17651	\$50.00	\$58.86	\$2.28	\$2.00	\$51.14
2	Holbrook, Charles A.	304	2196	100.00		..	..	100.00
3	Howe, Edwin A.	297	129654	50.00	50.52	2.28	2.50	50.30
4	MacElroy, Adam F. ....	..	144433	100.00	101.54	4.59	5.00	101.13
5	Morse, C. Freemont.	224	123010	100.00	100.84	4.57	4.00	101.41
6	Pearson, Henry	347	125667	100.00	101.92	4.61	5.00	101.53
7	Perry, George	313	124193	100.00	100.84	4.57	5.00	100.41
8	Walker, Melvin	296	124194	50.00	51.10	2.32	3.00	50.42
				\$650.00	\$557.62	\$25.22	\$26.50	\$656.34

SUMMARY PERPETUAL CARE FUNDS

Number of Lots 172

Cemetery	Principal	On Hand Dec. 31, '29	Income	Paid Out 1930	On Hand Dec. 31, '30
Forefather's	\$7,207.12	\$7,220.71	\$324.97	\$275.00	\$7,370.68
Hart Pond	2,875.00	3,218.38	141.97	77.00	3,383.35
Riverside	4,600.00	6,065.82	266.87	127.50	6,305.19
West Chelmsford	3,825.00	4,253.17	190.82	129.71	4,414.28
Pine Ridge	650.00	557.62	25.22	26.50	656.34
	\$19,157.12	\$21,315.70	\$949.85	\$635.71	\$22,129.84

APPROPRIATIONS AND TRANSFERS

ADDITIONS—REFUNDS AND EXPENDITURES—BALANCES

(See Last Items for All Accounts Marked with Asterisk)

	Appropriations	Transfers, Additions, Refunds	Total	Expended	Balance
GENERAL GOVERNMENT:					
Moderator's Salary	\$ 10.00		\$ 10.00	\$ 10.00	
Selectmen Salary	750.00		750.00	750.00	
Selectmen Expense	200.00		200.00	199.21	.79
Town Clerk and Accountant Salary	2,000.00		2,000.00	2,000.00	
Town Clerk and Accountant Expense	200.00	90.00	290.00	258.55	31.45
Town Treasurer and Tax Collector Salary	2,000.00		2,000.00	2,000.00	
Town Treasurer and Tax Collector Expense	400.00	925.65	1,325.65	1,323.70	1.95
Town Treasurer and Tax Collector Bond	535.70		535.70	535.70	
Assessors' Salaries	2,000.00	160.00	2,160.00	2,159.45	.55
Assessors' Expense	350.00		350.00	311.75	38.25
Town Counsel Salary	300.00		300.00	300.00	
Election and Registration	900.00	176.00	1,076.00	1,154.09	
Finance Committee, Expense	25.00		25.00	6.00	19.00
Public Buildings—Janitor Salaries	950.00		950.00	950.00	
Public Buildings—Fuel, Light, Water	725.00	145.00	870.00	866.02	3.98
Public Buildings—Repairs	150.00	540.00	690.00	627.39	62.61
Public Buildings—Other Expense	65.00		65.00	53.53	11.47
Total	\$ 11,560.70	\$ 2,036.65	\$ 13,597.35	\$ 13,505.39	\$ 170.05
Less Deficit in Election and Registration					78.09
					\$ 91.96

	Appropriations	Transfers, Additions, Refunds	Total	Expended	Balance
PROTECTION OF PERSONS AND PROPERTY:					
Police	\$ 7,200.00	\$ 42.36	\$ 7,242.36	\$ 7,231.86	\$ 10.50
Fire Department—Administration	3,800.00		3,800.00	3,799.99	.01
Fire Department—Maintenance	3,800.00		3,800.00	3,799.04	.96
Fire Department—Fires	600.00	75.00	675.00	662.77	12.23
Fire Department—Hydrant Service, Centre	750.00		750.00	750.00	
Fire Department—Hydrant Service, North	750.00		750.00	750.00	
Fire Department—Hydrant Service, West	20.00		20.00	20.00	
Fire Department—New Hose	500.00		500.00	488.04	11.96
Fire Department—Fire Alarm System	600.00		600.00	596.11	3.89
Sealer of Weights and Measures	250.00		250.00	173.32	76.68
Moth Department	2,400.00		2,400.00	2,167.34	232.66
Tree Warden	400.00		400.00	371.46	28.54
Forest Fire Department	1,000.00	350.00	1,350.00	1,346.71	3.29
Purchase of Historical Hall	2,000.00		2,000.00	2,000.01	
Survey and Legal Expenses—Historical Hall	50.00		50.00	50.00	
Total	\$ 24,120.00	\$ 467.36	\$ 24,587.36	\$ 24,206.64	\$ 380.72

HEALTH AND SANITATION

	Appropriations	Transfers, Additions, Refunds	Total	Encumbered	Balance
Board of Health—Salaries	\$ 500.00		\$ 500.00	\$ 513.67	
Board of Health—Agent's Salary	350.00		350.00	350.00	
Board of Health—Aid	650.00		650.00	78.23	\$ 571.77
Board of Health—Maintenance	200.00	4.00	204.00	152.12	51.88
Board of Health—Meat Inspector Salary	600.00		600.00	600.00	
Board of Health—Milk Inspector Salary	350.00		350.00	350.00	
Board of Health—Warren Ave Pump	150.00		150.00	75.27	74.73
Board of Health—Physician Salaries	100.00		100.00	100.00	
Board of Health—Animal Inspector Salaries	200.00		200.00	200.00	
Board of Health—Cushing Mill Pond		300.00	300.00	300.00	
Total	\$ 3,100.00	\$ 304.00	\$ 3,404.00	\$ 2,719.39	\$ 684.61

Loss Deficit in Board of Health Salary \$ 698.38
13.67

Total \$ 684.71

HIGHWAYS

Supt. Salary	\$ 2,500.00		\$ 2,500.00	\$ 2,500.00	
Highway—General	21,000.00		22,000.00	21,998.55	1.45
Highway—Truck Maintenance	2,500.00		2,500.00	2,182.28	17.72
Highway—Oil	8,000.00		8,000.00	7,877.22	122.78
Highway—Cutting Brush	600.00		600.00	586.15	13.85
Highway—Street Signs	150.00		150.00	117.40	32.60
Highway—Street Lights	15,972.36		15,972.36	15,806.64	165.72
Highway—Action Road	4,000.00	7,989.94	11,989.94	11,841.31	148.63
Highway—Central Square	4,000.00	7,967.66	11,967.66	11,918.52	49.14
Highway—Old Westford Road	1,000.00	2,000.00	3,000.00	2,939.91	60.09
Highway—Cathie Concord Road	1,000.00		1,000.00	2,992.93	
Highway—Riverneck Road	1,000.00		1,000.00	1,000.00	
Highway—Newfield Street	2,000.00		2,000.00	1,996.27	3.73
Highway—New Truck	7,200.00		7,200.00	5,271.25	1,928.75
Highway—Improving Vinyl Square		1,200.00	1,200.00	1,200.00	
Total	\$ 70,622.36	\$ 20,157.60	\$ 90,779.96	\$ 90,228.43	\$ 2,544.46
Loss Deficit Cathie Concord Road					1,992.93

Total \$ 551.53

	Appropriations	Transfers, Additions, Refunds	Total	Expended	Balance
CHARITIES AND COMPANIONS' BENEFITS:					
Board of Public Welfare—Salaries	\$ 325.00		\$ 325.00	\$ 325.00	\$ 12.75
Board of Public Welfare—Maintenance	20.00		20.00	7.25	1.44
Board of Public Welfare—Outside Aid	10,000.00	\$ 2,560.00	12,560.00	12,558.56	
Infirmary—Supt. Salary	900.00		900.00	900.00	169.66
Infirmary—Expense	2,400.00		2,400.00	2,230.34	72.20
Infirmary—Repairs	150.00		150.00	77.80	148.00
State Aid	400.00		400.00	252.00	90.53
Soldiers' Relief	500.00		500.00	409.47	
Total	\$ 14,695.00	\$ 2,560.00	\$ 17,255.00	\$ 16,760.42	\$ 494.58
SCHOOLS AND LIBRARIES:					
Schools—Administration	\$ 4,500.00		\$ 4,500.00	\$ 4,274.14	\$ 225.86
Schools—Instruction	69,230.00		69,230.00	69,200.13	29.87
Schools—New Equipment	1,000.00		1,000.00	919.30	80.70
School Dept.—Operation and Maintenance	18,400.00		18,400.00	18,390.77	9.23
School Dept.—Auxiliary Agencies	11,325.00		11,325.00	11,308.20	16.80
School Dept.—Vocational School	2,000.00		2,000.00	3,231.51	
School Dept.—Marking S. S. McFarlin School	150.00	\$ 1,231.51	150.00	143.00	7.00
Adams Library—Annual Appropriation	2,350.00		2,350.00	2,350.00	
Adams Library—Painting and Decorating	750.00		750.00	750.00	
Adams Library—Grading Grounds	1,000.00		1,000.00	1,000.00	
North Chelmsford Library	1,200.00		1,200.00	1,200.00	
New Grammar School		37.45	37.45	37.45	
Total	\$ 111,905.00	\$ 1,268.96	\$ 113,173.96	\$ 112,804.50	\$ 369.46

	Appropriations	Transfers, Additions, Refunds	Total	Expended	Balance
RECREATION AND UNCLASSIFIED:					
Parks	\$ 1,000.00	\$ 350.00	\$ 1,350.00	\$ 1,321.41	\$ 28.59
Memorial Day	500.00		500.00	411.38	88.62
Town Clock	30.00		30.00		
Public Buildings Insurance	545.00	90.40	635.40	635.40	
Band Concerts	400.00		400.00	400.00	
Town Reports	630.55		630.55		
Purchase Lawn Mower (Power), Parks	150.00		150.00	150.00	
Repairing Flag Pole (Centre)	175.00		175.00	175.00	
Aid to Agriculture and Home Economics	300.00		300.00	300.00	
Improving Varney Playgrounds	2,000.00		2,000.00	1,922.54	77.46
Purchase of Grappling Irons	225.00		225.00	205.00	20.00
Reserve Fund	2,000.00		2,000.00	1,701.00	299.00
Unpaid Bills, 1929	1,151.56	77.50	1,229.06	1,205.47	23.59
Investigating Municipal Water System	1,500.00		1,500.00	1,275.00	225.00
Searching for Victims—Merrimack River	268.32		268.32	268.01	.31
Insurance Sinking Fund	3,500.00		3,500.00	3,500.00	
Insurance Sinking Fund—Treas. Bond	40.00		40.00	40.00	
Total	\$ 14,415.43	\$ 517.90	\$ 14,933.33	\$ 14,170.76	\$ 762.57
ENTERPRISES AND CEMETERIES:					
Cemetery Commissioners' Salary	\$ 105.00		\$ 105.00	\$ 105.00	
Forefather's Cemetery	500.00		500.00	498.55	1.45
Hart Pond Cemetery	500.00		500.00	461.00	39.00
Pine Ridge Cemetery	500.00		500.00	489.90	10.10
Riverside Cemetery	500.00		500.00	500.00	
West Chelmsford Cemetery	500.00		500.00	500.00	
Fairview Cemetery	250.00		250.00	481.82	18.18
Care and Improvement		\$ 635.09	\$ 635.09	635.09	250.00
Total	\$ 2,855.00	\$ 635.09	\$ 3,490.09	\$ 3,171.36	\$ 318.73

INTEREST AND MATURING DEBT:

	Appropriations	Transfers, Additions, Refunds	Total	Expended	Balance
Interest	9,693.01		9,693.01	4,544.97	
Temporary Loans				845.00	
High School Loan.....				300.00	
Westland School Loan.....				190.00	
East Chelmsford School Loan.....				3,813.04	
New Grammar School Loan.....					
MATURING DEBT:					
Notes Due	18,916.00		18,916.00		
High School Loan.....				3,250.00	
Westland School Loan.....				5,000.00	
East Chelmsford School Loan.....				2,000.00	
New Grammar School Loan.....				8,666.00	
Total	\$ 28,609.01		\$ 28,609.01	\$ 28,609.01	
Grand Total	\$281,882.50	\$ 27,947.56	\$309,830.06	\$306,175.80	\$ 3,654.26

EXPENDED FROM REVENUE:

AGENCY TRUST AND INVESTMENT:

	Appropriations	Transfers, Additions, Refunds	Total	Expended	Balance
Agency:					
State Tax				\$ 12,257.66	
County Tax				16,402.02	
North Chelmsford Fire District				1,744.65	
Chelmsford Water District				483.00	
Temporary Loans				148,000.00	
Cemetery Perpetual Care Funds				500.00	
Refunds				2,517.41	
Tailings				2.50	
Unpaid Order				40.00	
Total				\$488,123.04	
Transferred from Cushing Mill Pond to E. & D.				300.00	
Transferred from Improving Vinal Sq. to E. & D.				\$487,823.04	
Transferred from Riverneck Road to Highways				1,200.00	
Transferred from New Grammar School to E. & D.				\$486,623.04	
Transferred from Reserve Fund to Depts.				1,000.00	
Total Expended in 1930				\$485,623.04	
				37.45	
				\$485,585.59	
				1,701.00	
				\$483,884.59	

BALANCE SHEET—January 1st, 1931

ASSETS		LIABILITIES	
Cash in Bank	\$ 14,678.50	Moth Revenue	\$ 7.88
Cash in Office	50.00	Auto Excise Revenue.....	3,484.55
Cash at Almshouse	50.00		3,484.55
Accounts Receivable:		Overlay for Abatement of Taxes:	
Taxes, 1926	\$ 4,350.65	1926 Overlay	\$ 372.87
Taxes, 1927	6,828.87	1927 Overlay	30.53
Taxes, 1928	11,424.70	1928 Overlay	239.05
Taxes, 1929	25,651.71	1929 Overlay	90.18
Taxes, 1930	73,582.66	1930 Overlay	1,189.23
Auto Excise Tax, 1929	1,549.73	Overlay Reserve	\$ 27,424.85
Auto Excise Tax, 1930	1,934.82	Department Accounts Revenue.....	\$ 2,321.58
Special Assessments:		Revenue Loans	\$ 40,000.00
Moth Tax, 1926	\$ 7.88	Excess and Deficiency.....	\$ 64,218.15
Department Accounts Receivable.....	\$ 2,321.58	Surplus War Bonus Fund.....	\$ 3,104.95
Tax Titles	\$ 846.85	Sale of Property, Acts 1923, Chapt. 303.....	\$ 1,675.00
Election and Registration.....	\$ 78.09	Tax Title Revenue.....	\$ 846.85
Board of Health.....	\$ 13.67	Tailings	\$ 304.84
Carlisle-Concord Road	\$ 1,992.93	Overpayments to Collector.....	\$ 2.00
Interest	\$ 743.75	E. W. Sweetser Discrepancy Account.....	\$ 793.88
	\$ 146,106.39		793.88
	<u>\$146,106.39</u>		<u>\$146,106.39</u>

DEBT ACCOUNTS

December 31, 1930

Net Bonded Debt.....	\$112,160.00	High School Loan.....	\$ 19,500.00
		Addition to East Chelmsford School.....	6,000.00
		New Grammar School (Centre).....	86,660.00
	<u>\$112,160.00</u>		<u>\$112,160.00</u>

TRUST AND INVESTMENT ACCOUNTS

Trust and Investments.....	\$ 58,077.91	Joseph Warren Library Fund.....	\$ 1,237.78
		Adams Emerson Library Fund.....	265.70
		S. G. Richardson Library Fund.....	390.28
		Cemetery—Perpetual Care Fund.....	21,929.84
		Cemetery—Perpetual H. N. Edwards Fund.....	200.00
		Cemetery—Care and Improvement Fund.....	130.85
		Insurance Investment Fund.....	30,920.88
		Aaron George Cemetery Care Fund.....	1,000.00
		The George Fund.....	2,002.58
	<u>\$ 58,077.91</u>		<u>\$ 58,077.91</u>

EMMA A. DANE,
Town Accountant.

PRINCIPAL PAYMENTS OF TOWN DEBT TO BE RAISED ANNUALLY BY TAXATION

Year	Interest Rate	4%	4 3/4%	4%	4%	Av. Rate 4.25
1931	..... Apr. 1	New High School Building, 1916	Addition to East Chelmsford School House 1923-1924	New Grade School at Centre, 1925*	New Grade School at Centre, 1925	
	..... Apr. 1					
1932	..... Apr. 1					
1933	..... Apr. 1					
1934	..... Apr. 1					
1935	..... Apr. 1					
1936	..... Apr. 1					
1937						
1938						
1939						
1940						
Total		\$19,500.00	\$6,000	\$66,660.00	\$20,000.00	\$112,160.00

*Outside Debt Limit.

INTEREST PAYMENTS OF TOWN DEBT TO BE RAISED ANNUALLY BY TAXATION

Year	New High School Building, 1916	Addition to East Chelmsford School House 1923-1924	New Grade School at Centre, 1925*	New Grade School at Centre, 1925	Totals
1931	780	285	\$2,666.40	800	\$4,531.40
1932	650	190	2,399.76	720	3,959.76
1933	520	95	2,133.12	640	3,388.12
1934	390		1,866.48	560	2,816.48
1935	260		1,599.84	480	2,339.84
1936	130		1,333.20	400	1,863.20
1937			799.92	240	1,039.92
1938			533.28	160	693.28
1939			266.64	80	346.64
Totals	\$2,730	\$570	\$13,598.64	\$4,080	\$20,978.64

*Outside Debt Limit.

Town Treasurer's Report

From July 7, 1930, to January 1, 1931

RECEIPTS

Balance July 7, 1930..... \$ 1,765.81

GENERAL REVENUE

Taxes, 1930	\$149,661.92
Taxes, Previous Years	21,622.87
Taxes, Auto Excise, 1930.....	11,046.78
Taxes, Auto Excise, Previous Years.....	677.95
Taxes from State.....	60,746.03
Licenses and Permits.....	256.45
Fines and Forfeits.....	1,519.48
Grants and Gifts.....	17,157.60

\$262,689.08

COMMERCIAL REVENUE

General Government	\$ 139.00
Protection of Persons and Property.....	203.60
Highways	50.50
Charities	1,059.62
Soldiers' Benefits	283.50
Schools	4,209.98
Cemeteries	75.00
Interest	3,135.20
Temporary Loans	55,000.00
Agency and Trust.....	2,111.82
Refunds	10,004.65

76,272.87

\$340,727.76

PAYMENTS

Bank Overdraft, July 7, 1930.....	\$ 5,663.97
Paid out on 66 Warrants containing items authorized by the Selectmen and Accountant.....	320,335.29
Balance on Hand Dec. 31, 1930.....	14,728.50

\$340,727.76

RECONCILIATION OF TREASURER'S CASH

Bank Balance, Dec. 31, 1930.....	\$ 19,740.15
(As per Bank Statement on following page)	
Outstanding Checks, Dec. 31, 1930.....	5,061.65
Check Register Balance.....	\$ 14,678.50
Cash in Office.....	50.00

Balance on Hand Dec. 31, 1930..... \$ 14,728.50

The large amount of outstanding checks is caused by reason of a Warrant being issued on Dec. 31, 1930, and consequently the checks issued for payments of items on this Warrant could not be cancelled in December, 1930.

HAROLD C. PETTERSON,
Town Treasurer.

December 31, 1930.

UNION OLD LOWELL NATIONAL BANK
LOWELL, MASS.

STATEMENT OF YOUR ACCOUNT

TOWN OF CHELMSFORD
H. C. PETTERSON, Treas.
W. B. Chelmsford, Mass.

Date	Checks in Detail	Deposits	Date	Balance
			Balance Brought Forward	
Dec. 1, '30	\$ 185.13LST		Dec. 1, '30	\$154,839.05
Dec. 2, '30	25,000.00—	\$3.00— \$4.50—	Dec. 1, '30	154,653.92*
Dec. 2, '30	6.50—	.50— 25,000.00—	Dec. 2, '30	104,639.42*
Nov. 3, '30	2,975.54LST			
		\$1,423.42		
Nov. 5, '30	4,059.81LST	778.46	Nov. 3, '30	103,865.76*
Dec. 5, '30	4,122.83LST		Nov. 5, '30	99,805.95*
		532.95		
		381.36	Dec. 5, '30	96,597.43*
		525.60	Dec. 6, '30	97,123.03*
Dec. 6, '30	1,192.18LST		Dec. 6, '30	95,930.85*
Dec. 8, '30	1,138.62LST		Dec. 8, '30	95,830.07*
Dec. 9, '30	774.28LST	1,037.84	Dec. 9, '30	95,561.80*
Dec. 10, '30	15,245.48LST	506.01	Dec. 9, '30	95,561.80*
Dec. 11, '30	140.00—		Dec. 10, '30	80,316.32*
	50.00—	1,847.45		
		750.01	Dec. 11, '30	82,723.78*
Dec. 12, '30	1,109.62LST		Dec. 12, '30	81,840.76*
Dec. 13, '30	67.50—		Dec. 13, '30	81,709.37*
Dec. 15, '30	.30—	63.00— .89—		
Dec. 15, '30	1.50—	25,000.00— .50—		
		312.45		
Dec. 16, '30	20,183.29LST	444.46	Dec. 15, '30	57,463.98*
Dec. 17, '30	2,074.01LST	151.04	Dec. 16, '30	37,431.73*
Dec. 18, '30	3,836.87LST	527.74	Dec. 17, '30	35,885.46*
Dec. 19, '30		118.05	Dec. 18, '30	32,166.64*
Dec. 19, '30	5,806.58LST	72.55	Dec. 19, '30	32,239.19*
Dec. 20, '30	1,455.96LST		Dec. 19, '30	26,432.61*
Dec. 22, '30	7,303.05LST		Dec. 20, '30	24,976.65*
		69.75		
		490.73	Dec. 22, '30	18,234.08*
Dec. 23, '30	1,086.76LST	1,018.32	Dec. 23, '30	18,165.64*
Dec. 24, '30	1,785.47LST	88.43	Dec. 24, '30	16,468.60*
Dec. 26, '30	467.70LST	37.62	Dec. 26, '30	16,038.52*
Dec. 27, '30	488.08LST		Dec. 27, '30	15,550.44*
Dec. 21, '30	374.81LST	76.16		
		70.90	Dec. 21, '30	15,322.69*
Dec. 30, '30	449.46LST	1,264.99	Dec. 30, '30	16,138.22*
		168.98	Dec. 30, In.	16,307.20*
Dec. 31, '30	20.85—	25.00— 20.00—		
Dec. 31, '30	10.00—	2.00— 8.50—	Dec. 31, '30	16,220.85*
Dec. 31, '30	15.00—	73.50— 44.56—		
Dec. 31, '30	223.88—	59.00—		
		3,570.30		
		364.94	Dec. 31, '30	19,740.15*

KEY

LST—List. In.—Interest. RT—Return. 00*—Closed account. OD—Overdraft.
DN—Service charge.

PLEASE EXAMINE AT ONCE

If no errors are reported in ten days the account will be considered correct.

Notify of any permanent change in address.

The Last Amount in the Column is your Balance.

Report of Tax Collector

From July 7, 1930, to January 1, 1931

I herewith submit my report as Tax Collector from July 7, 1930, to Jan. 1, 1931. The Assessors' commitment of taxes, Town, state, county and auto excise for 1930, is made up as follows:

State Tax	\$ 9,170.00	
State Highway Tax	2,473.26	
State Removal of Ice and Snow.....	343.91	
State Audit, 1929	270.49	
County Tax	13,843.13	
County Tuberculosis Tax.....	2,558.89	
Poll Tax	4,102.00	
Town Tax	189,189.12	
Overlay	1,965.75	
		\$223,916.55
Refunds after Payment.....		104.55
		\$224,021.10
Cash Paid Treasurer.....	\$149,661.92	
Abatements	776.57	
Uncollected Taxes Jan. 1, 1931.....	73,582.66	
		\$224,021.10

AUTO EXCISE TAX, 1930

Commitment by Assessors, July 22, 1930.....	\$ 11,616.83	
Commitment by Assessors, Nov. 10, 1930.....	1,122.10	
Commitment by Assessors, Dec. 31, 1930.....	242.67	
		\$ 12,981.60
Refunds after Payment.....		571.91
		\$ 13,553.51
Cash paid Treasurer.....	\$ 11,046.78	
Uncollected Jan. 1, 1931.....	1,934.82	
		\$ 12,981.60
Refunds after Payment.....		571.91
		\$ 13,553.51

AUTO EXCISE TAX, 1929

Recommitment Sept. 30, 1930.....	\$ 2,227.68	
		\$ 2,227.68
Cash Paid Treasurer.....	\$ 677.95	
Uncollected Jan. 1, 1931.....	1,549.73	
		\$ 2,227.68

TAXES, 1926

Recommitment Sept. 30, 1930.....	\$ 4,739.15	
		\$ 4,739.15
Cash paid Treasurer.....	\$ 386.50	
Abatements	2.00	
Uncollected Jan. 1, 1931.....	4,350.65	
		\$ 4,739.15

TAXES, 1927

Recommitment Sept. 30, 1930.....	\$ 7,624.68	
		\$ 7,624.68
Cash paid Treasurer.....	\$ 793.81	
Abatements	2.00	
Uncollected Jan. 1, 1931.....	6,828.87	
		\$ 7,624.68

TAXES, 1928

Recommitment Sept. 30, 1930.....	\$ 14,541.49	
		\$ 14,541.49
Cash paid Treasurer.....	\$ 3,074.49	
Abatements	42.30	
Uncollected Jan. 1, 1931.....	11,424.70	
		\$ 14,541.49

TAXES, 1929

Recommitment Sept. 30, 1930.....	\$ 43,049.78	
		\$ 43,049.78
Cash paid Treasurer.....	\$ 17,368.07	
Abatements	30.00	
Uncollected Jan. 1, 1931.....	25,651.71	
		\$ 43,049.78

MOTH TAX, 1926

Recommitted Sept. 30, 1930.....	\$ 7.88	
		\$ 7.88
Uncollected Jan. 1, 1931.....	\$ 7.88	
		\$ 7.88

INTEREST AND COSTS

Interest and Costs on Taxes.....	\$ 1,906.51	
		\$ 1,906.51
Cash paid Treasurer.....	\$ 1,906.51	
		\$ 1,906.51

HAROLD C. PETTERSON,
Tax Collector.

December 31, 1930.

CHELMSFORD WATER DISTRICT TAX COLLECTOR'S REPORT

From July 7, 1930, to January 1, 1931

TAXES, 1926

Recommitment Sept. 30, 1930.....	\$ 405.83	
	<hr/>	
Cash paid Treasurer.....	\$ 98.33	\$ 405.83
Uncollected Jan. 1, 1931.....	307.50	
	<hr/>	
		\$ 405.83

TAXES, 1927

Recommitment Sept. 30, 1930.....	\$ 185.34	
	<hr/>	
Cash paid Treasurer.....	\$ 55.18	\$ 185.34
Uncollected Jan. 1, 1931.....	130.16	
	<hr/>	
		\$ 185.34

TAXES, 1928

Recommitment Sept. 30, 1930.....	\$ 266.48	
	<hr/>	
Cash paid Treasurer.....	\$ 104.83	\$ 266.48
Uncollected Jan. 1, 1931.....	161.65	
	<hr/>	
		\$ 266.48

INTEREST AND COSTS

Interest and Costs.....	\$ 50.23	
	<hr/>	
Cash paid Treasurer.....	\$ 50.23	\$ 50.23
	<hr/>	
		\$ 50.23

HAROLD C. PETTERSON,
Collector.

**NORTH CHELMSFORD FIRE DISTRICT
TAX COLLECTOR'S REPORT**

From July 7, 1930, to Jan. 1, 1931

TAXES, 1926

Recommitment Sept. 30, 1930.....	\$	110.89	
Cash paid Treasurer.....	\$	24.35	\$ 110.89
Uncollected Jan. 1, 1931.....		86.54	
			\$ 110.89

TAXES, 1927

Recommitment Sept. 30, 1930.....	\$	46.00	
Cash paid Treasurer.....	\$	12.84	\$ 46.00
Uncollected Jan. 1, 1931.....		33.16	
			\$ 46.00

TAXES, 1928

Recommitment Sept. 30, 1930.....	\$	83.98	
Cash paid Treasurer.....	\$	29.91	\$ 83.98
Uncollected Jan. 1, 1931.....		54.07	
			\$ 83.98

TAXES, 1929

Recommitment Jan. 1, 1931.....	\$	358.10	
Cash paid Treasurer.....	\$	199.88	\$ 358.10
Uncollected Jan. 1, 1931.....		158.22	
			\$ 358.10

TAXES, 1930

Commitment by Assessors.....	\$	1,696.04	
Refund after Payment.....			13.16
			\$ 1,709.20
Cash paid Treasurer.....	\$	1,295.00	
Uncollected Jan. 1, 1931.....		401.04	
			\$ 1,696.04
Refund after Payment.....			13.16
			\$ 1,709.20

INTEREST AND COSTS

Interest and Costs.....	\$	28.11	
Cash paid Treasurer.....	\$	28.11	\$ 28.11
			\$ 28.11

HAROLD C. PETTERSON,
Collector.

Report of Assessors

Value of Buildings	\$4,272,735.00
Value of Land	1,563,340.00
Value of Personal Estate	1,254,540.00
	\$7,090,615.00

Rate \$31 per \$1000.

TAX LEVY FOR 1930:

Town Appropriations	\$251,523.49
Loans and Interest	29,720.84
State Tax	9,170.00
State Highway Tax	2,473.26
State Snow and Ice Tax	343.91
State Audit	270.49
County Tax	13,843.13
County Tuberculosis Tax	2,558.89
Overlay	1,965.75

Amount to be Raised	\$311,869.76
---------------------------	--------------

Estimated Receipts (Town)	\$41,200.00
Estimated Receipts (Income Tax)	37,453.21
Estimated Receipts (Excise Tax)	9,300.00
2,051 Polls at \$2.00 each	4,102.00
Tax on Property	219,814.55
	\$311,869.76

Number of Horses Assessed	203
Number of Cows Assessed	700
Number of Sheep Assessed	7
Number of Neat Cattle other than Cows Assessed	103
Number of Swine Assessed	126
Number of Fowl Assessed	15,075
Number of Dwellings Assessed	1,673
Number of Acres of Land Assessed	13,324

DECEMBER ASSESSMENT

Real Estate Tax	\$7.75
Personal Estate Tax	28.68
17 Polls at \$2.00 each	34.00
	70.43

MOTOR EXCISE TAX

Value of Automobiles Assessed	368,510.00
Value of Trucks Assessed	88,110.00
Total Value of Motor Vehicles Assessed.....	456,620.00
Tax Committed on Motor Vehicles.....	12,982.20

Respectfully submitted,

HERBERT C. SWEETSER,
WARREN WRIGHT,
JOHN E. HARRINGTON,

Assessors.

December 31, 1930.

REPORT OF INSURANCE FUND COMMISSIONERS

December 31, 1930

On deposit in:

The Lowell Five Cent Savings Bank.....	\$ 5,405.67
The Central Savings Bank.....	3,078.84
The Mechanics Savings Bank.....	5,348.64
The City Institution for Savings Bank.....	8,070.72
The Merrimack River Savings Bank.....	4,706.53
The Lowell Institution for Savings Bank.....	4,310.48
	<hr/>
	\$30,920.88

WALTER PERHAM, Treasurer.

REPORT OF THE TRUSTEES OF THE ADAMS LIBRARY

The Trustees met in special session on January 26, 1930, and elected Fred W. Park a member of the Board to fill the vacancy caused by the death of A. Heady Park. Dr. Waters was requested to draw up resolutions on the death of the latter gentleman.

On February 15, the Trustees met for organization and chose the same officers and committees which served last year as follows:

Chairman: Albert H. Davis.

Secretary: Mrs. E. R. Clark.

Treasurer: Rev. Wilson Waters.

Librarian: Mrs. Ida A. Jefts.

Assistant Librarian: Mrs. G. W. Peterson.

Purchasing Committee: Mrs. E. R. Clark.

Committee to Approve Bills: Albert H. Davis, Mrs. E. R. Clark.

Prudential Committee: A. H. Davis, Rev. Wilson Waters.

Committee on Periodicals and Reading Room: Miss Francis Clark, Miss Lottie L. Snow, Rev. Wilson Waters.

Edwin R. Clark was given charge of the work of redecorating the old part of the Library Building, provided for by the Town. The work has been done in a most satisfactory manner. It was voted that the necessary outside painting, etc., be paid for out of funds already in the hands of the Treasurer. The Library was closed while the work was going on.

The Trustees have voted that the George Memorial Hall, which is a most attractive place of meeting, may be used by literary, educational and cultural organizations, a fee of from \$2 to \$5 to be paid for its use. Transient borrowers from this Library are required to make a deposit of \$1 for a card, the dollar to be returned when the card is surrendered.

Books needed for reference or study may be kept out one month without recharging unless called for, at the discretion of the Librarian.

Dr. Waters was requested to send a letter of acceptance and thanks to Mr. F. A. P. Fiske and Mr. John M. Fiske for the handsome lamp posts donated by them for the new entrance to the Library.

A ruling sent down from the State House in Boston reversed a former ruling and instructs the Town Treasurer to pay all bills of the Library to be paid out of appropriations by the Town for the benefit of the Library, but the Treasurer of the Trustees may administer all Trust Funds. This tends to complicate the work of the Library Treasurer. In his account, here rendered, the amount paid to the Librarian stands \$400. The salary is \$500. The other \$100 has been paid by the Town Treasurer out of the annual appropriation to the Library. He also paid bills of over \$200 for books. The annual appropriation by the Town for the Library was \$2,350, of which the Library Treasurer received (as per his account) \$1,600 before the ruling took effect. The Town Treasurer has paid Library bills to the amount of the difference—\$750. A bill of \$10 for conveying books to South Chelmsford must be held over, as it came in after the end of the year.

ALBERT H. DAVIS,
FRANCES CLARK,
WILSON WATERS,
LUELLA H. S. CLARK,
LOTTIE L. SNOW,
FRED W. PARK,
Trustees.

REPORT OF THE TREASURER OF THE ADAMS LIBRARY

RECEIPTS

Balance on hand January 1, 1930.....	\$ 64.34
From the Town	1,600.00
From the Librarian .....	.86
Refund from Periodicals.....	3.50
From the George Building Fund.....	8,389.00
Balance of the Building Fund.....	243.57
From the Joseph Warren Fund.....	699.98
For use of the George Memorial Hall.....	14.00
Refund, Bartlett & Dow.....	7.08
Interest, George Book Fund.....	200.00
George Cemetery Fund (care).....	35.00
George Cemetery Fund, bal. of int. for books.....	21.47
	\$ 11,278.80

EXPENDITURES

Librarian	\$ 400.00
Fuel	544.00
Light	120.78
Books	218.19
Janitor	208.15
Periodicals	86.95
Furnishings	687.28
Balance on Building Addition.....	8,389.00
Water	14.50
Binding	98.45
Books to South Chelmsford.....	30.00
Care of Grounds.....	38.00

Books to West Chelmsford.....	40.00
Paid on Account of New Approaches to Library.....	360.50
Treasurer's Bond	2.50
Expressage	5.50
Paid for Care of George Family Lot in Cemetery.....	35.00
	<hr/>
	\$ 11,278.80

No money has been drawn from the L. G. Richardson Fund.
 No money has been drawn from the Adams Emerson Fund.

WILSON WATERS,
Treasurer.

**REPORT OF THE LIBRARIAN TO THE TRUSTEES
 OF THE ADAMS LIBRARY**

Circulation for 1930.....	14,165
Magazines	833
Fiction	10,656
Non-Fiction	2,676
New Books Purchased.....	196
Books sent to South Chelmsford.....	544
Books sent to West Chelmsford.....	1,255
New Borrowers	164
Received for Fines.....	\$70.61
Paid Assistant	41.52
Desk Supplies	20.36
Money Stolen in October.....	4.88*
Balance Handed Treasurer.....	3.85

GIFTS

Mediterranean Picture Lands—Emelene A. Dunn.
 The Romance and Rise of the American Tropics—United Fruit Co.
 Historical Markers of Mass. Bay State Colony } Commonwealth of
 Massachusetts on the Sea, 1630-1930 } Massachusetts.
 Pathways of the Puritans—His Excellency Frank G. Allen.
 10 Vols. of the Works of Maria Edgeworth } Mrs. Henry
 New Worlds to Conquer, by Richard Haliburton } Bartlett.
 21 Vols. of Children's Books—Mrs. Ross Hatch.
 Independent Chronicle, Feb. 21, 1824—First Baptist Church, South
 Chelmsford.

Two iron Lamp Posts, which have been placed at the entrance to the recent addition to the Library Building, were donated by Mr. F. A. P. Fiske of Chelmsford and Somerville and Mr. John Minot Fiske of New York.

Miss Olive Bockes has given much of her time to work in the Children's Room.

*The Library was entered at night, presumably through a window, and the Librarian's desk was rifled.

IDA A. JEFTS,
Librarian.

**REPORT OF THE TREASURER OF THE NORTH CHELMSFORD
LIBRARY CORPORATION**

RECEIPTS

Balance on hand Jan. 1, 1930.....	\$ 45.86	
Town Appropriation	1,200.00	
Librarian's Account Fine Receipts.....	6.00	
		\$1,251.86

EXPENDITURES

Librarian's Salary	\$ 300.00	
Assistant Librarian and Janitor.....	115.92	
Books	186.48	
Magazines	29.00	
Lighting	23.72	
Fuel	112.00	
Binding	178.51	
Printing	18.13	
Repairs	51.08	
Miscellaneous Supplies and Expenses.....	21.78	
Balance on Hand December 31, 1930.....	215.24	
		\$1,251.86

Respectfully submitted,
EDNA I. BALLINGER, Treasurer.

REPORT OF ACTING CHIEF OF POLICE

Chelmsford, Mass., December 31, 1930.

To the Honorable Board of Selectmen of Chelmsford:

The following is my report of the Police Department from December 8, 1930, to December 31, 1930, inclusive:

- 3 Stores found open.
- 4 Calls on stolen cars, Lowell.
- 2 Calls from Billerica on stolen cars.
- Stolen property recovered (\$25.00).
- Collected \$20.00 for property damage in 1929.
- 1 Call from Lowell on Hit and Run driver.
- 9 Accident calls.
- 5 Dogs and 1 Cat killed by automobiles removed by police.
- 2 Calls answered for Lowell policewomen.
- 6 Fire calls answered.
- 68 Complaints answered.
- 1 Arrest for drunk in car.
- 1 Arrest for driving under influence of liquor.
- \$20.00 returned to town in fines.

In conclusion, I express my thanks and appreciation for the assistance and co-operation extended to me by the Honorable Board of Selectmen. I also am extremely grateful to the Officers of the Lowell District Court. I commend my comrades for their loyalty and co-operation.

Respectfully submitted,

BERNARD F. McGOVERN,
Acting Chief of Police.

REPORT OF BOARD OF FIRE ENGINEERS

To the Board of Selectmen,
Chelmsford, Mass.

Gentlemen:

We herewith submit our Annual Report of the Fire Department.

The Board of Fire Engineers appointed annually by the Board of Selectmen, organized this year with Archibald Cooke as Chief of the Department, Harry L. Shedd and John W. Dixon as assistant engineers, and John W. Dixon as clerk of the Board.

The District Chiefs appointed by the Board of Engineers are:

Wilhelm T. Johnson	District No. 1
Percy T. Robinson (May 1st-Nov. 30)	District No. 2
Joseph D. Ryan (Dec. 1)	District No. 2
Norman Edwards	District No. 3
Henry Quinn	District No. 4
Arthur W. House	District No. 5

We feel that all Companies are well organized.

We justly give deserved praise to the men of the Department of the Town for their loyal, prompt and efficient work that they have accomplished.

We have also had the men insured as last year; we feel it is a great benefit for the men and the Town.

The Center Fire House has been sheaved with plaster board; the Maxim truck was sent away to be repaired and the pump brought up to pumping capacity.

In the North Village a new Alarm System has been installed.

In the West Village the men of the Department have remodeled their Fire House and made it a credit to the Town. The firemen are worthy of a lot of credit for the amount of work which they have accomplished in the last few months.

The roof on the East Village Fire House has been repaired.

We have had a new siren installed in the South Village which will greatly improve the service in that part of the Town.

In the Westlands a new Gamewell Alarm Box has been installed and we feel that one or two more boxes would be a great benefit to that part of the Village.

The Board recommends that a new pumping engine be purchased of at least 500 gallon capacity this coming year for the North Village.

The Department the past year has responded to 77 calls for fires within the Town area, and 8 calls for fires in adjoining towns.

District No. 1—36 fires

District No. 2—33 fires

District No. 3— 5 fires

District No. 4— 7 fires

District No. 5— 5 fires

The building property in Town actually endangered by fires amounted to \$142,875 and the total loss caused by these fires amounted to \$14,772.

We wish to express our appreciation to the Police Department for its hearty co-operation with our Department.

Respectfully submitted,

ARCHIBALD COOKE,

HARRY L. SHEDD,

JOHN W. DIXON,

Board of Fire Engineers.

REPORT OF FOREST WARDEN

Dec. 31, 1930.

Board of Selectmen,
Chelmsford, Massachusetts.

Selectmen :

There have been 179 forest and grass fires reported in Town during the past year. In the majority of cases they have been extinguished before gaining much headway, thanks to the good work of Observer Blood in quickly locating and reporting them.

The principal cause of fires has been careless smokers. Railroad fires have been the lowest for years, only six having been reported.

The most serious fires occurred at North Chelmsford in May where much property on the Dunstable Road was endangered and help was called from Westford and Lowell.

Many serious fires would be prevented if the owners of land would burn the grass along the highways in the early spring.

There have been two changes in the State fire laws which are of interest to the Town. Permits are now required throughout the year except when the ground is covered with snow. The second law requires the towns to maintain a fire patrol on the highways during such periods of drouth as the State Forester considers a fire hazard.

It will be necessary to replace the Forestry truck this year. The present truck is 10 years old and is so badly worn as to be unfit for forest fire work.

Beside the District Chiefs of the Fire Department, the following Deputy Forest Wardens have been appointed: Charles A. House, Allan Adams, Raymond E. Sargent, Fred W. Merrill, Walter H. Merrill and Robert Henderson.

SIDNEY E. DUPEE,
Forest Warden.

REPORT OF BOARD OF HEALTH

Submitted to the Citizens of Chelmsford

RULES AND REGULATIONS FOR PLUMBING FOR THE TOWN OF CHELMSFORD

REGISTRATION

SECTION 1. After acceptance of the following plumbing regulations, all persons who desire to engage in, carry on, or work at the business of plumbing within this jurisdiction shall be registered by the State Examiners, in accordance with the provisions of Chapter 142, General Laws.

SECTION 2. Upon application of a registered Master Plumber only, on form furnished by the Board of Health, said Board shall grant written permit to do certain plumbing described therein, when in conformity with

the Law. Drawings of proposed work shall be filed if required. Permits may be recalled by the Board of Health if conditions are violated. Permits for all plumbing, except repair or leaks, must be in the hands of the plumber before beginning work.

Approved by the Department of Public Health Nov. 19, 1930.

GEORGE H. BIGELOW, M.D.,
Commissioner.

Adopted by the Chelmsford Board of Health, Aug. 22nd, 1930.

GEORGE A. McNULTY,
J. C. OSTERHOUT,
F. A. MACELROY.

Arrangements were made with the owners of land at the North Village and also at the Westlands to secure land to establish a dump at each village. The residents of both villages are badly in need of land to be used for dumping purposes, as the Board was obliged to close up several dumping grounds last year due to complaints and petitions signed by residents of North Village on account of decayed vegetables and garbage, as it became a nuisance. Therefore the Board felt justified in taking the step they did, although it caused inconvenience to the residents of that section. However, at the Annual Town Meeting there will be an Article inserted in the Warrant to provide suitable land for such purposes for both villages. We hope the residents of both villages will support the above Articles on Town meeting day.

Also there will be an Article inserted in the Warrant to give the residents and voters of the Town to decide what action they may take in regard to accepting the Cushing Pond (or so-called Mill Pond) at Center Village. The Board feels quite anxious to have this question decided, as it has been discussed for some time.

In the Milk Inspector's report, which we hope you will read carefully, you will see a great improvement. The average of all samples is very good, both as to solids, fat and bacteria count. It is only fair to say the improvements in the past few years are very satisfactory.

The Board feels that many of the citizens are beginning to see the real effect of co-operation with the local Board of Health. For instance, those who keep swine are learning to keep them as they ought to be kept. By feeding the garbage on platforms certainly put a stop to the conditions which existed for a long time and are much improved.

The report of Mrs. Mae S. Lewis, R.N., Agent of the Board of Health, is very well worth reading carefully. Contagious and infectious diseases are decreasing quite rapidly. Houses visited by the nurse for the Board of Health (408) during the past twelve months evidently shows the interest Mrs. Lewis has taken in health work. The Board accepted and approved her report and respectfully submits the same to the citizens of Chelmsford.

The Board wishes to thank Doctors Scoboria and Varney, also the

Agent and School Nurse, Mrs. Mae S. Lewis, for the excellent work they have done during the past year, ready at all times to serve when called by the local Board of Health.

G. A. McNULTY, *Chairman*,
 J. C. OSTERHOUT,
 F. MACELROY.

REPORT OF AGENT OF BOARD OF HEALTH

Mr. G. A. McNulty,
 Chairman of Board of Health,
 Chelmsford, Massachusetts.

I submit the following report for the year beginning January 1st, 1930, to December 31st, 1930:

Contagious and Infectious Diseases—

Scarlet Fever	15
Typhoid Fever	1
Erysipelas	1
Chicken Pox	12
Whooping Cough	36
Measles	1
Diphtheria	1
Mumps	9
Pulmonary Tuberculosis	3
Dog Bite and other Diseases.....	7
Homes visited by nurse for Board of Health.....	408
Houses Carded	16
Cards removed	16

Some of our school children were victims of scarlet fever. All precautions were taken. All throats in school were inspected by nurse for at least seven days and every suspicious case taken home. Desks were taken care of, and books destroyed. We had one case in High School. All precautions were taken and we did not have a second case. We had one case of diphtheria in town—a grown-up person who had been visiting out of town, going to dances, and so on. However, there was not another case in town. This proves what our Schick test and immunization clinics have done for our children. Hoping we can keep up the good work. Pupils Schicked in May who were immunized in October, 1929:

Negative	247
Positive	59
Absent	34

Some of our children moved out of town with parents, cause of absentees.

Children who were positive were immunized in October, 1930, with our first grade and pre-school children. One hundred and fifty-three attended this clinic; we had a follow-up clinic in May, which was conducted by Department of Public Health:

Examined	10
Improved	8
Unimproved	1
Discharged Well	1

We have two dentists working in our schools at present. Dr. Ritter has taken care of Highland Avenue and Princeton School and is now in Westland School. Dr. Coughlin has taken care of East and is now in McFarlin School in Center.

Dental work finished to date:

Teeth Treated	711
Filled, Permanent	356
Filled, Deciduous	341
Teeth Cleaned	648
Extractions, Permanent	82
Extractions, Deciduous	278
Examined by Dentists.....	525

Our rating with the State Department Dental Hygiene was 63 per cent in June. We must do better or die in the attempt. We were fortunate in securing a second dental chair. The East Chelmsford Fire Department and Alumni boys from the east part of town and the East P. T. A. made this possible for me.

Dr. Paul Wakefield, chief of Chadwick clinics, gave talks in regards to the clinics which were held here November 11, 1930; 1063 took the test, 255 were given X-ray, a good many by request of their parents. Fifty-five pupils will be given physical examination by State doctors. Many of this group are underweight. Nurse made 107 visits on this (the tuberculosis) clinic to parents who did not understand what it meant to their children. By doing so we had a great many more take the test, also a number of pre-school children.

The parent-teachers in all sections of the town provide milk for any child who is unable to buy it for morning recess. Anyone who does not go home at noon can have hot soup or cocoa. We have hot lunches in all our schools. The New England Food and Dairy Council spent three days with us, gave illustrated lectures in all schools, and stressed hot lunches at noon and milk at recess in the morning. Dr. Wellington visited us during the year. Dr. Archibald and Dr. Knowlton also visited many times, all from State Department of Public Health. I wish to thank each and every one for their excellent co-operation during the year 1930.

Very respectfully,

MAE S. LEWIS, R.N.

Agent of Board of Health.

Chelmsford, Massachusetts, December 31, 1930.

REPORT OF MILK INSPECTOR

December 31, 1930.

To the Chelmsford Board of Health,
Chelmsford, Mass.

Gentlemen:

I have the honor to present the report of the Milk Inspection Division for the year beginning January 1, 1930.

There were 17 distributors licensed to deliver milk from wagons; 37 stores were licensed to sell milk; six stores were registered to sell oleo-margarine; two milk plants were issued pasteurization licenses.

Fifty dollars, collected for licenses, were paid to the Town Treasurer.

The average daily consumption of milk was 2,104 quarts. Two hundred and seventy-five dairy farms supply milk to Chelmsford. Nine distributors sell pasteurized milk, eleven sell raw milk, most of it from tuberculin tested cows. Three distributors sell both pasteurized and raw.

There were 362 chemical, 326 bacterial, and 192 sediment samples examined from distributors. The highest bacterial sample was 360,000; the lowest was none per cubic centimeter.

There were 414 chemical, 556 bacterial, 329 sediment, and 807 temperature samples examined from producers.

There were 204 milk plant inspections and 584 dairy farm inspections.

Respectfully submitted,

M. F. MASTER,

B.S. in Chem.

REPORT OF INSPECTOR OF SLAUGHTERING

January 1, 1931.

To the Board of Health,
Chelmsford, Mass.

Gentlemen:

Following is report of animals slaughtered by licensed butchers or by owners on their own premises and inspected by me during the year 1930:

Cattle	459	Hogs	653
Calves	575	Sheep	5

Of these were condemned:

Cattle	27	Hogs	1
Calves	14		

and 500 lbs. of meat, more or less.

All inspections have been reported to the State authorities.

Respectfully submitted,

ALBERT S. PARK,

Inspector of Slaughtering.

REPORT OF INSPECTOR OF MARKETS

January 1, 1931.

To the Board of Health,
Chelmsford, Mass.

Gentlemen:

During the year 1930 I have made 121 calls on markets and butcher carts throughout the town.

Conditions generally have been very good, although some poultry, meat and sausage had to be destroyed.

Respectfully submitted,

ALBERT S. PARK,
Inspector of Markets.

REPORT OF INSPECTOR OF ANIMALS

December 31, 1930.

Board of Selectmen:

In accordance with Section 19 of Chapter 129 of the General Laws, an inspection of all neat cattle, sheep and swine within this town was ordered by the State Division of Animal Industry to be completed before March 1, 1930.

There were 194 stables in which were kept 815 cows, 21 bulls, 216 young cattle, 266 swine, 6 sheep and 8 goats. Four cows were quarantined, suspected of having tuberculosis, one was killed, one died in quarantine and the others were released.

As shown by the above report the total number of neat cattle is 1,052. This shows the decrease to be slight, as the average for the past 12 years was 1,090.

The number of swine shows a decrease from last year. No cases of hog cholera were reported during the year.

Reported dog bites necessitated the inspection of 36 dogs, 17 of which were quarantined for a period of two weeks and then released, no cases of rabies having developed.

Another dog, which fortunately had bitten no one, developed a positive case of rabies and was killed.

Many cattle owners have had their herds tested, thereby co-operating in the campaign of tuberculosis eradication. Twenty-four herds have received the first test during the year. These contained 208 head, of which number 190 reacted and were slaughtered.

There are at the present time 39 herds under state and federal supervision. This represents about 41 per cent of the cattle in town.

Any cattle owner who is interested in having this test applied to his herd can secure the necessary papers and information from his inspector.

Under permit, 30 cows and one bull have been shipped from other states to Chelmsford for dairy and breeding purposes. All have been identified and released on arrival.

ARNOLD C. PERHAM,
Inspector of Animals.

COUNTY EXTENSION SERVICE REPORT

The following is a report of the work of the Middlesex County Extension Service as developed in the Town of Chelmsford for the year 1930.

Considerable interest was manifested by the farmers this year in the Extension Service work. Among the dairymen two meetings were held, one on dairy regulations and the production of quality milk and another on pasture improvement and the dairy outlook. For the fruit growers three meetings were held, largely on pruning and spraying methods and disease control. Forty-five farm visits were made on request to assist with individual problems. Judges were furnished at the local Grange fair.

Among the homemakers two groups were interested, one in the Center and one in West Chelmsford. A series of meetings on vegetable preparation were carried on and in addition to those attending the information was passed on to over 200 other homemakers. In West Chelmsford the ladies were also interested in the improvement of home grounds and held a series of meetings for the development of this work. Home visits were made by specialists from the Market Garden Field Station and suggestions given on the care and development of lawns, shrubs and flowers.

In Boys' and Girls' 4-H club work 140 were enrolled in the garden, food, clothing and poultry clubs. In addition, 49 boys were enrolled at the Training School in North Chelmsford. Fred Holt, Stacy Kresnecki, Mrs. Ernest Ferron, Mrs. Joshua Machon, Julia Joulas, Mrs. Lucia Norton, Mrs. Harry Welch, Mrs. Eva Dobson, Mr. Louis Forest, Mrs. Charles Fielding, and Mrs. E. Dyer Harris served as local leaders. Julia Koulas won third prize in the garden contest conducted by the Middlesex North Agricultural Society and was candidate for state garden championship. Ralph House, Frank Benton, Rosa Santos, Mary Miskell and John Dean were awarded a two-day trip to the Massachusetts Agricultural College for outstanding club work. Two local clubs won ribbons for 100 per cent attendance at the Lowell 4-H Club rally. The Thimble Club also won a special prize for winning first in the song contest and the Highland School Clothing Club won a special ribbon for putting on the best stunt. These were won in competition with 32 other clubs.

Eight educational motion picture shows were given to a total audience of 2,721.

A campaign to eradicate rats from farm and home buildings was carried on on a country-wide basis and a great many of the poison baits were distributed in Chelmsford.

Many local people took part in the several country-wide meetings held during the year, such as the county picnic at Wayside Inn, Sudbury, and the Homemakers' Day at Lexington.

PERLEY W. KIMBALL,
Town Director.

January 5, 1931.

REPORT OF CEMETERY COMMISSIONERS

December 31, 1930.

To the Board of Selectmen,
Chelmsford, Massachusetts.

Gentlemen:

The Cemetery Commissioners beg to submit the following report for year ending December 31, 1930:

Forefathers, the Town's oldest cemetery, has received its usual good care. The gates have been painted, also the slate slabs in section near church have been straightened up during the past season. A number of perpetual care lots have been regraded and rounded into first class shape.

Pine Ridge each year shows a marked improvement. For a few years a newly laid out cemetery fails to show any progress as far as beautifying is concerned, but this cemetery has passed that period now and we feel that Pine Ridge, in coming years, is going to become Chelmsford's most beautiful and best located cemetery.

Hart Pond, all old section, which, after a number of years, was all regraded and seeded, has been kept mowed with lawn mower all the season. By old section we are referring to that part that was first used as a church yard, where there are no records as to lot owners. New sections, the paths are being filled in with loam as fast as possible and seeded. Our object is to get park system so there will be only drives and walks that are needed, which will make a much neater appearance and more work will be accomplished.

Riverside, at north village, has received its usual good care this season. This is one of the Town's larger cemeteries; the greater part of it is located on a hill side which of course makes it attractive but more difficult to care for. We have a new set of blue prints of this cemetery drawn up this year.

West Cemetery, as usual, has been most attractively kept this year and the appearance is always remarkably good. There have been a number of large shade trees, also shrub and evergreens set out by some of the lot owners, all which lead to make it a spot of beauty. The fence has also been repaired and painted.

Fairview we were not allowed to do anything in this year (1930) as it is a state law that no money be spent in any town cemetery having less than ten occupied lots and this cemetery has but six. The money which was appropriated at the Annual Town Meeting for this cemetery is turned back into the Town Treasury and not used for work or material in any other cemetery.

Interments for 1930 as follows: Forefathers 7, Pine Ridge 4, Hart Pond 4, West 8, Riverside 12, Fairview 1, making a total of 26.

At this time we wish to thank the superintendents of our cemeteries for the interest they take and the effort put into their work to make our cemeteries as good in appearance and efficient as any of our surrounding towns, also the lot owners who come and take care of their lots or have the superintendent give them annual care, as all these lines of cooperation lead to make the cemeteries of Chelmsford places of beauty. We the Cemetery Commissioners see each year many improvements in all the cemeteries.

Respectfully submitted,

ARTHUR O. WHEELER,
BAYARD C. DEAN,
C. WESLEY LYONS,
Commissioners.

REPORT OF COMMITTEE ON FLAG POLE AT SO.-CHELMSFORD

The Committee elected at the Annual Town Meeting to investigate the question of a new flag pole to be erected at South Chelmsford. Recommend that a steel pole be purchased and that the sum of \$500.00 be appropriated for that purpose.

SIDNEY E. DUPEE,
WILBER E. LAPHAM,
EMILE E. PAIGNON.

REPORT OF WAR MEMORIAL COMMITTEE

To the Citizens of Chelmsford, Massachusetts:

Your Committee appointed by the Moderator of the Annual Town Meeting held February 10, 1930, at which time under Article 15 of the Town Warrant it was voted to appoint a committee to recommend to the voters the manner of erecting a suitable Soldiers Monument for the Veterans of Chelmsford, hereby make the following report:

First—To Whom Dedicated

Your Committee voted to ask the citizens to erect a monument and dedicate it to the Citizens of Chelmsford who were engaged in the Civil War, the Spanish American War, and the World War.

Second—Kind of Monument to be erected

It was unanimously voted by your Committee to recommend the erection of a Memorial Flag Pole with a base constructed of granite, with bronze ornamentation and three bronze tablets, one for each of the above named Wars. The flag pole to be made of steel and so constructed that it can be raised and lowered at will or the so-called collapsible type, the foundation to be cement protected by a metal curb bar.

Third—Location

Your Committee recommend that the Memorial Flag Pole be erected at the easterly end of the Common in the Center of Chelmsford in the place of, and on the site of the present wooden flag pole.

Fourth—Summary

Your Committee being without funds were unable to cause any plans to be made from which they could arrive at the actual cost of the proposed Monument but being aided by a sketch hastily made for which no expense was involved they were able to determine that it would be necessary to raise and appropriate the sum of \$5000 to properly carry out the intent of Article 15 in the Town Warrant of February 10, 1930.

Therefore your Committee recommend that the articles contained in the Warrant of the Annual Town Meeting of, 1930 be adopted.

Respectfully submitted,

F. A. P. COBURN,
GEORGE W. PETERSON,
WILHELM T. JOHNSON.

REPORT OF MEMORIAL DAY COMMITTEE

To the Selectmen of the Town of Chelmsford, Massachusetts:

Under the date of February 18, 1930, the Town Clerk of the Town of Chelmsford issued notices to George W. Peterson, Fred F. Wiggin, and Arthur Cooke, that at a recent meeting of the Board of Selectmen they had been appointed members of the Memorial Day Committee.

At the annual Town Meeting the sum of Five Hundred Dollars (\$500.00) was appropriated for the observance of Memorial Day, May 30, 1930; this amount being an increase of Three Hundred Dollars (\$300.00) over the appropriations of previous years.

Inasmuch as the Town of Chelmsford had been incorporated two hundred and seventy-five years and had throughout the history of the three hundred years since the incorporation of the Commonwealth of Massachusetts as a separate State, the citizens of Chelmsford had taken an honorable part in all the wars of this United States of America and had also been distinguished in their relationships with the Indians in this section of the Colony, your Committee considered it fitting that the celebration of Memorial Day be one of simple recognition of the part Chelmsford soldiers had taken to defend the rights and traditions of the citizenship of the United States of America and the Commonwealth of Massachusetts.

An effort was made not to depart from the customary befitting exercises that have become almost a tradition in themselves, but by adding a series of tableaux on the Common in the center of the Town to the memory of Chelmsford soldiers who have given so much to the Town and its citizens, would become more lasting in the minds of Chelmsford people both old and young.

In order to carry out our plans it was necessary to ask both individuals and organizations to give much time and effort to the successful conclusion of the exercises, which met with a hearty response and to each one who took part the Committee and we believe the townspeople are very grateful.

The expenses in some ways were larger than they would be under ordinary conditions and in some respects the cost was not as much as we had appropriated, the total expense amounting to Four Hundred and Eleven Dollars and Thirty-eight Cents (\$411.38). The celebration of Memorial Day this year developed the necessity for an increased appropriation in the years to come even though there is but little change if any in the programme of past years, and we believe the citizens will gladly grant such a request.

Signed

GEORGE W. PETERSON, Chairman,
FRED F. WIGGIN,
ARTHUR COOKE,

Members of the Committee.

Report of Committee on Investigating Water Supply

To the Citizens of the Town of Chelmsford

Pursuant to Article 28 at the last Annual Town Meeting a committee appointed consisting of R. W. Barris, J. C. Monahan, Emile Paignon, Harold Petterson, Harry L. Shedd and George Gagnon herewith submit their report.

Your Committee have made extensive investigations into the problems of supplying water to the other parts of the Town, such as East Chelmsford, West Chelmsford, South Chelmsford and Mill Road, in fact all parts of the Town not now supplied. Our finding in these places showed a very desired demand for some sort of a supply. It was very distinct that a careful study should be made of the present and the future for the best welfare of the Town and your Committee felt that in order to make their report complete, insofar as engineering experts were concerned, secured the services of Metcalf & Eddy, outstanding engineers in water supplies, they to make careful study of existing conditions, probable supplies, and estimate costs. Their report is published in the annual report and follows the report of this Committee. We sincerely wish the citizens will carefully read their findings.

INVESTIGATION OF THE SEVERAL DISTRICTS

Centre District. This district is fortunate in having a very fine supply for a great many years to come. It is in good financial standing, having been able to find revenue in its sales of water to meet all current expenses for the years of 1929 and 1930 without assessment of a water tax. There is still some question as the New England Fire Underwriters test on hydrants, but we understand that the District has requested this Board to make another test correcting any error, that is questioned in their previous test.

North District. Our findings are that this system is good, meeting all the requirements of the Underwriters in hydrant tests. The quality of the water is not as good as others. This water by analysis of the State Board of Health and of Metcalf & Eddy show that the supply is deteriorating and to be approaching the quality of water to be found in Newfield Pond. That the capacity of the wells has been reached and any greater demand on the supply will have to be undertaken elsewhere. Inasmuch as the water is not of the best quality the feeling among the majority of this district is, that they are willing to associate with what they possess.

East District. From information given this is the largest community in the State without a source of water supply. This district is approximately one square mile containing 185 homes, in places quite compact. The density of the families relying on their own wells has overtaxed their supply, perhaps to the extent of pollution. There are now at the present time several families relying on their neighbors. This district is fast developing, approaching the Westlands district in its rapid growth. The supply at the East Grade School is far from satisfactory, both in quality and quantity. In 1920 the Town spent a large sum of money in a driven well which has proved unsatisfactory and shows there is no desirable supply. With a community as thickly settled as East, with a mere fire protection, the citizens are justified in their demands for hydrant protection.

South District. Investigations here find the water in and around the Square of inferior quality. In 1927 considerable confusion was placed on the residents of this district by the Board of Health condemning several wells, resulting in a demand on the Town for a new public well. By analysis the water found in this new well was found passable, still not of good quality. There are at this time several families using this water for domestic purpose. There was a great demand here for hydrant service.

West District. This district like the others feels the periods of drought. A few of the residents obtain their supply from Brookside. There is a demand here for hydrant service.

Mill Road District. There seems to be a sufficient supply of water here, and the demand is mostly for hydrant service.

ADVISABILITY OF A MUNICIPAL SYSTEM AND RECOMMENDATIONS

Your Committee, not able to complete a full report, ask for further time, and that this report be accepted as a work of progress.

R. W. BARRIS
GEORGE E. GAGNON
J. C. MONAHAN
HAROLD C. PETTERSON
EMILE PAIGNON
HARRY L. SHEDD

Engineer's Report

Town of Chelmsford, Massachusetts
Committee on Advisability of Installing
Municipal Water Plant
Chelmsford, Massachusetts

Gentlemen :

In accordance with your authorization of April 7, 1930, we have made an investigation of the water problems of the Town of Chelmsford, with special reference to the advisability of installing a municipal water plant, and present herewith our report, containing our findings and recommendations including the estimated cost of construction.

In preparing this report we have given consideration to the existing and available sources of water and to the distribution mains required to make this water available, together with an examination and study of storage facilities required. Our investigation has also included a study of existing reports, records of water consumption and driven well pumping tests. We have examined also the data on flow tests made by the New England Insurance Exchange and have made use of analyses made by the State Department of Health.

POPULATION

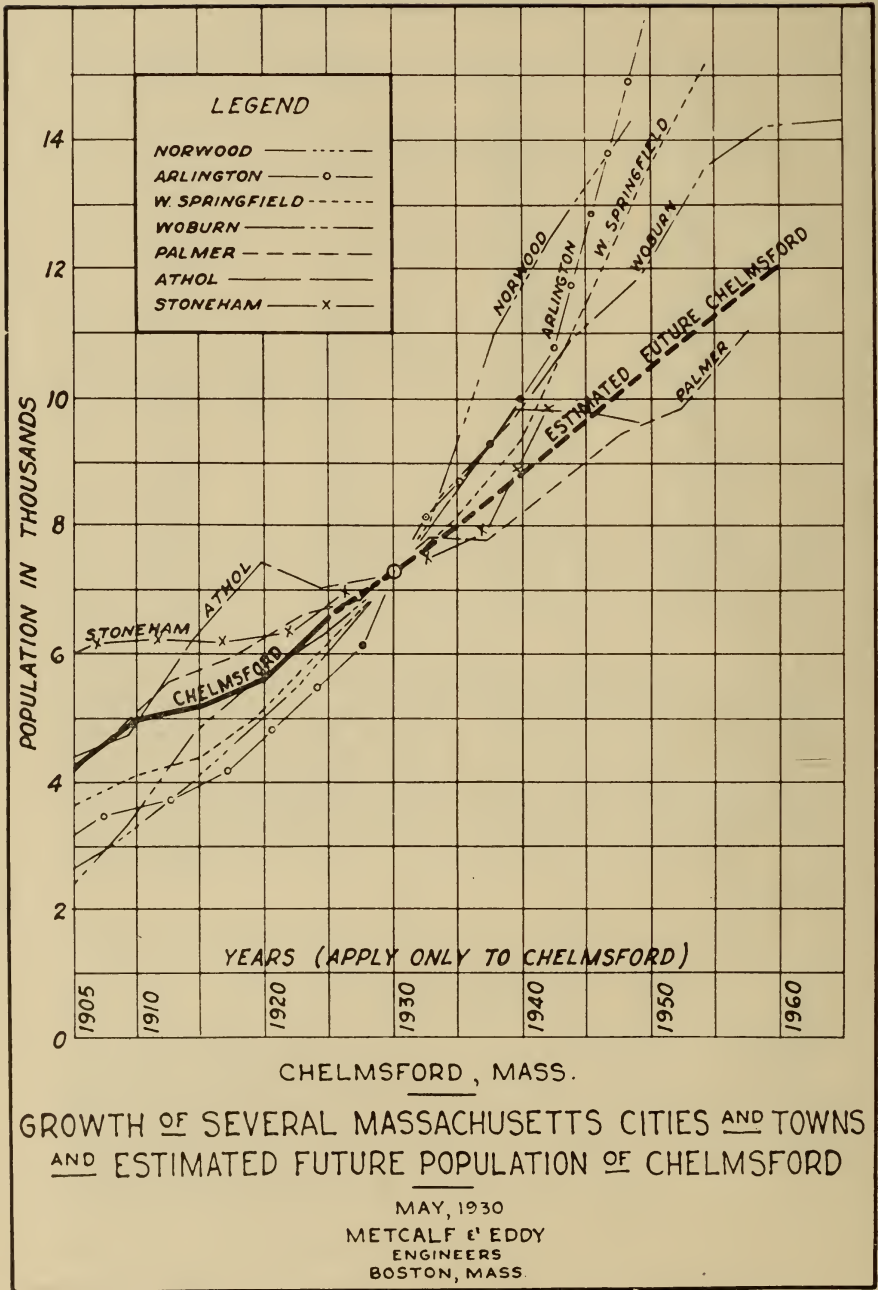
Future requirements for water supply are dependent, among other factors, upon the number of persons creating the demand. A forecast of future population is therefore essential to the determination of the future rate of demand. Table I shows the figures for the population of Chelmsford as determined by the several federal and state censuses since 1765, together with the rate of growth for each 5-year period after 1850.

TABLE 1. Population of Chelmsford from
Federal and State Censuses

Year	Population	Increase in 5 Years	
		Number	Per Cent
1765	1,012	—	—
1776	1,341	—	—
1790	1,144	—	—
1800	1,290	—	—
1810	1,396	—	—
1820	1,535	—	—
1830	1,387	—	—
1840	1,697	—	—
1850	2,097	—	—
1855	2,140	43	2.1
1860	2,291	151	7.1
1865	2,291	0	0
1870	2,374	83	3.6
1875	2,372	2	0.8
1880	2,553	181	7.6
1885	2,304	249	9.8
1890	2,695	391	17.0
1895	3,162	467	17.3
1900	3,984	822	26.0
1905	4,254	270	6.8
1910	5,010	756	17.8
1915	5,182	172	3.4
1920	5,682	500	9.7
1925	6,573	891	15.7

Fig. 1 is a graphical representation of these figures and also shows a forecast of the future growth of the Town. As a guide to judgment certain other Massachusetts cities and towns, now somewhat larger than Chelmsford, have been selected and their population data plotted. The curves are drawn through a common point at 7300 population, the estimated present population of Chelmsford, so that the trend of growth of these cities and towns can be compared with the past growth of Chelmsford, both before and after they reached 7300, as an aid in determining future tendencies.

The growth of Chelmsford in the past corresponds to about the average rate of the other communities studied. Communities which lie adjacent to large cities enjoy a corresponding increase in population, and the percentage rate of growth may well exceed that of the city itself, due to a general movement of the population toward the suburbs where conditions are more favorable to residential development. The trend of growth of Chelmsford within the last ten years, would appear to indicate a somewhat slower rate of growth than that of Arlington, Norwood and West Springfield. The rapid growth of Arlington was doubtless due to the construction of the Cambridge subway from Boston, with the attendant advantages of rapid transit. Certain parts of Chelmsford, especially East Chelmsford and the Westlands district, have experienced a recent rapid growth due to the formation of a new residential district convenient to both Lowell and Chelmsford Center. Other parts of the Town have only slightly increased in population.



The curve shown in heavy dashes has been determined upon as the forecast of the future growth of Chelmsford.

Table 2 shows the predicted future population in tabular form as taken from the curve, together with the corresponding increase for each 5-year period.

TABLE 2—Forecast of Future Population of Chelmsford

Year	Population	Increase in 5 Years	
		Number	Per Cent
1930	7,300	700	10.6
1935	8,000	700	9.6
1940	8,800	800	10.0
1945	9,650	850	9.7
1950	10,500	850	8.8
1955	11,250	750	7.1
1960	12,000	750	6.7

WATER CONSUMPTION AND FUTURE DEMAND

The quantity of water required to supply the estimated future population can best be determined by the study of existing records of past requirements in Chelmsford. Such data are available in the North Chelmsford Fire District and in Chelmsford Center but not in other parts of the Town where water is obtained from individual private wells. It is necessary therefore that allowances for future water consumption be fixed largely by judgment.

Consumption in North Chelmsford Fire District. Table 3 indicates the average quantity of water pumped per day during the period from 1925 to 1929, inclusive. The records do not show the population served by this district, but it has been estimated as lying at present between 2,000 and 2,500 persons. The indicated 1929 average per capita consumption of water in the district would therefore vary between 31 and 39 g. p. d. (gallons per day).

Consumption in Chelmsford Water District. Table 4 indicates the quantity of water pumped from 1914 to 1929, inclusive, in the Chelmsford Water District. The population of Chelmsford Center and Westlands served in 1929 was 2,140 persons with an indicated per capita consumption of 54.2 g. p. d. The average consumption for the last five years has been about 49 gal. per capita per day, representing a steady increase from 26.3 gal. in 1916.

TABLE 3. Quantity of Water Pumped in the North Chelmsford Fire District

Period		Total gal. per year	Average gal. per month	Average g.p.d.
June 1924	through May 1925	26,276,496	2,189,708	72,677
June 1925	" May 1926	27,863,454	2,321,954	76,330
June 1926	" May 1927	30,050,995	2,504,249	82,304
June 1927	" May 1928	27,472,458	2,289,371	75,061
June 1928	" May 1929	28,823,945	2,401,995	78,969

TABLE 4. Quantity of Water Pumped in Chelmsford Water District

Year	Total gal. per year	Average gal. per month	Average g.p.d.
1914	11,247,000	938,000	30,800
1915	9,708,000	808,000	26,600
1916	10,259,000	854,000	28,100
1917	12,450,000	1,037,000	34,100
1918	15,547,000	1,295,000	42,600
1919	16,465,000	1,370,000	45,100
1920	20,509,000	1,709,000	56,200
1921	22,897,000	1,908,000	62,700
1922	24,734,000	2,060,000	67,800
1923	29,101,000	2,425,000	79,800
1924	30,660,000	2,555,000	84,100
1925	32,664,000	2,684,000	89,500
1926	36,945,000	3,080,000	101,300
1927	34,102,000	2,841,000	93,300
1928	35,024,000	2,920,000	96,000
1929	42,378,000	3,530,000	116,000

Future Per Capita Consumption. It is seldom that a community is able to maintain the total quantity of water used for all purposes at as low a figure as 30 to 35 g.p.d. per capita. Should an ample town supply be installed, it is probable that the per capita consumption would increase materially. For this reason, a future per capita consumption of 50 g.p.d. for the whole Town in 1960 has been assumed as a basis for these studies. The year 1960 has been adopted in this report as the limit for which construction should be planned. It is uneconomical to provide facilities for water supply whose capacity will be exceeded before the bonds used in payment shall have been retired. At the same time money should not be invested in works which will not be called into service for many years to come.

Future Water Consumption in Various Districts. Since the Town of Chelmsford is divided into villages which are of more or less dissimilar characteristics, it is essential that some idea be gained of the consumption in each of these districts. The 1925 distribution of population in the six precincts of the Town is shown in Table 5. The future distribution of population probably will vary widely from these figures as some parts of the Town are growing faster than others. As a basis for estimate the distribution for 1960 has been forecasted as shown in this table, taking into account the various factors affecting growth.

TABLE 5. Forecast of Future Water Consumption in Various Districts

District	Pre- cinct No.	Distribu- tion of popula- tion	Forecast of distri- bution of population	Forecast of water consumption*
		1925	1960	1960 g.p.d.
Chelmsford Center.....	1	1,816	3,200	160,000
North Chelmsford.....	2	2,696	4,200	210,000
East Chelmsford.....	4	688	1,500	75,000
South Chelmsford.....	5	336	500	25,000
West Chelmsford.....	3	347	600	30,000
Westlands.....	6	690	2,000	100,000
Total		6,573	12,000	600,000

*Based on 50 gal. per capita per day.

EXISTING WATER WORKS SYSTEMS

North Chelmsford Fire District. The North Chelmsford Fire District was formed in about 1907 for the purpose of furnishing fire protection and water supply to North Chelmsford village. The source of the water supply is a group of thirty tubular wells, located along the edge of Crystal Lake. In a brick pumping station nearby are installed two Ramsay triplex single-acting pumps, each having a rated capacity of 316,800 g.p.d. These pumps, driven by General Electric 25-hp., 550-volt motors raise the water to a standpipe on the hill a few hundred feet distant. About 66 lb. per sq. in. pressure is developed at the pumps with an 8-in. vacuum. The pumps are run from 5 to 6 hours per day.

The standpipe has a height of 125 ft. with a diameter of 22 ft. and a capacity of about 350,000 gal. The top of the standpipe is at about 285 ft. above mean sea level. The principal distribution pipe of the Town is 12 in., extending along Washington Street and Gay Street. Other pipes are 10 in. and 8 in. with short branches of 6-in. pipe.

Chelmsford Water District. The Chelmsford Water District was formed in about 1914. The source of the supply is a group of fifteen tubular wells driven along River Meadow Brook near the end of Warren Avenue. A brick pumping station, containing two Goulds triplex double-acting pumps, is situated adjacent to Warren Avenue. These pumps, each having a rated capacity of 460,000 g.p.d., are driven by 25-hp. gas engines, and raise the water to the standpipe. Gas for the engines is supplied from a main from the City of Lowell. The average pressure developed at the pumps is about 101 lb., while the vacuum varies from 4 to 6 in. In general the pumping station is operated about 6 hours per day, although in the summer water may be pumped for 12 hours in order to meet the increase in demand.

The standpipe or reservoir which is situated on a hill southwest of the center of the village, is of reinforced concrete with dome roof 20 ft. high, 40 ft. in diameter, buried about 6 ft. in the ground with a capacity of about 190,000 gal. The top of the reservoir is at about elevation 325 above mean sea level or 40 ft. above the top of the North Chelmsford standpipe as computed from pressures at points of known elevation in the villages. The reservoir appears to be in good condition, except for spalling of the concrete in one spot and seepage through the walls over a considerable area.

The distribution system consists of a 10-in. force main from the pump station along South Street and High Street to the standpipe. A 8-in. main has been laid in Billerica Road and Golden Cove Road to Westlands and extending beyond the intersection of Lowell Street and Evergreen Street. The remainder of the distribution system is mostly of 6-in. pipe.

Fire Protection. In Table 6 are shown in parallel columns the fire flow requirements of the New England Insurance Exchange and a summary of results of actual fire flow tests made by the Exchange at various points within the territory served by each of the existing water systems.

Comparison of the figures in the table indicates an excess over the requirements of the Exchange at each of the points selected for test in North Chelmsford. It is understood that it is customary to keep the water level

TABLE 6. Fire Flow Tests in Certain Parts of
North Chelmsford and Chelmsford Center
by the New England Insurance Exchange

Point No.	District	Street	Near	Pressure—lbs. per sq. in.			Flow—Gals. per min.		Requirement at 20 lb. residual per sq. in. pressure**
				Initial	Final	At final pressure	At 20 lb. per sq. in.*		
1	North Chelmsford	State Highway	Middlesex	.....65	53	1380	2800	2,000
2	"	Newfield	Washington	.....51	49	760	3330	1,000
3	"	State Highway	Gay	.....59	50	1540	3400	1,500
4	"	Middlesex	Church	.....67	43	1520	2180	2,000
1	Chelmsford Center	Westford	Littleton	.....80	33	1180	1350	2,000
2	"	Lowell	Wildwood	.....83	50	540	770	1,000
3	"	South	Warren	.....96	74	690	1320	1,000

*Estimated

**Suggested by the New England Insurance Exchange

in the standpipe within 5 to 10 ft. of the top, with the result that at all times there is a considerable quantity of water available under excellent pressure to serve all parts of the district. Should this system be extended to serve West Chelmsford, the requirements of the latter village would be too great to enable the existing standpipe to serve both villages, and a new standpipe should be built in West Chelmsford.

Comparison of the figures in Table 6 for Chelmsford Center indicates a deficiency in pressure below the requirements in the Exchange at two points, although at all points reported the initial pressure at the hydrants was good.

Quality. It is understood that analyses made from year to year show the quality of the water drawn from the North Chelmsford wells to be approaching the quality of the water in Crystal Lake. Apparently, therefore, the water obtained from these wells is largely pond water drawn from the lake and filtered through a rather thin layer of sand. The most recent analyses from this source are shown in Table 7.

The analyses made in August, 1930, indicate an unattractive colored water, high in organic matter and iron with evidence indicating past pollution. The State Department of Health has repeatedly called attention to these conditions. Although the filtering layer still prevents the entrance of harmful bacteria, on account of the camps and cottages along the shores the lake must be regarded as a hazardous source of supply and one which may at any time become contaminated. Furthermore, there is some population on the bluff above the wells.

Consequently the safety of the well supply depends upon the completeness of purification brought about by the process of infiltration to the wells. The analyses shows a considerably higher organic content than the Chelmsford Center supply and it is problematical as to how much reliance can be placed on the natural processes of purification. As a matter of precaution we have assumed in the studies herein reported that the existing North Chelmsford wells and pumping equipment should be held in reserve for emergency use only or that chlorination equipment will be provided.

The quality of the Chelmsford Center water is excellent, as indicated by the analyses in Table 7. The drainage area of the River Meadow Brook at the well field is approximately 10 sq. mi. The stream itself is underlain by a rather thick layer of hard pan which is pierced by the tubular wells, and the water is drawn from a coarse sand stratum below.

AVAILABLE SOURCES OF SUPPLY

As previously mentioned, the existing North Chelmsford well system is assumed to be held in reserve for emergency use only or to be chlorinated.

Certain test wells were driven in 1927 by the City of Lowell on the flats bordering the Merrimac River near the Southwell Wool Combing Company's mill in North Chelmsford. Although there was not sufficient water for the City of Lowell, the Town of Chelmsford could be served adequately from this area. The quality of the water from this source is good, as is indicated by analyses made during the tests and reported in Table 7. To utilize this

TABLE 7 ... ANALYSES OF WATER SAMPLES ... BY MASSACHUSETTS DEPT. OF HEALTH
(PARTS IN 100,000)

Number	Source	Date	Color	Ammonia		Chlorine	Nitrogen		Hardness	Iron
				Free	Albu.		Nitrates	Nitrites		
221722	No. Chelmsford - Driven Wells	Mar 1930	00	.0180	.0038	.45	.0050	.0001	2.0	.012
221144	Chelmsford Center - Driven Wells	Feb 1930	00	.0004	.0004	.69	.2000	.0010	3.5	.008
183881	Lowell - Hyd. Wells	July 1925	Filtered .47	.0104	.0042	.46	.0260	.0007	2.9	.225
183959	Lowell - Hyd. Wells	July 1925	Filtered .45	.0076	.0040	.46	.0450	.0004	2.9	.200
201296	Lowell - Test Wells	Nov 1927	00	.0000	.0006	.42	.0270	.0000	1.7	.009
BY METCALF & EDDY (PARTS IN 100,000)										
3395	No Chelmsford - Tap, house of Geo E Gagnon	Aug 1930	3.4	.0056	.0047	.56	.030	.0002	1.89	.060
3396	" - Tap, Pump Station	Aug 1930	3.5	.0053	.0114	.56	.040	.0004	1.82	.050

source it would be necessary to drive new wells, construct a new pumping station and lay suction and discharge mains.

The so-called "hydraulic well system" at Lowell has not been used actively since 1919 on account of troubles experienced with iron and the corrosive quality of the water. Analyses of this water are given in Table 7. When these wells were new, the water was of acceptable quality but analyses indicate that the quality gradually deteriorated over a period of years, presumably due to pumping at too high a rate.

WATER SUPPLY FOR ENTIRE TOWN

In determining the most economical and satisfactory means for providing water supply for the entire Town, it has been necessary to study several projects involving different combinations of supply works, distribution pipe lines and storage facilities because of the distance separating the various villages. A discussion of these projects follows.

It is probable that a new well field located in the vicinity of the junction of Golden Cove Brook and River Meadow Brook, would yield for many years the requisite quantity of water for the entire Town's use. The drainage area at this location is somewhat larger than that at the existing Chelmsford Center well field. To utilize this source it would be necessary to drive new wells, construct a pumping station and lay suction and discharge piping.

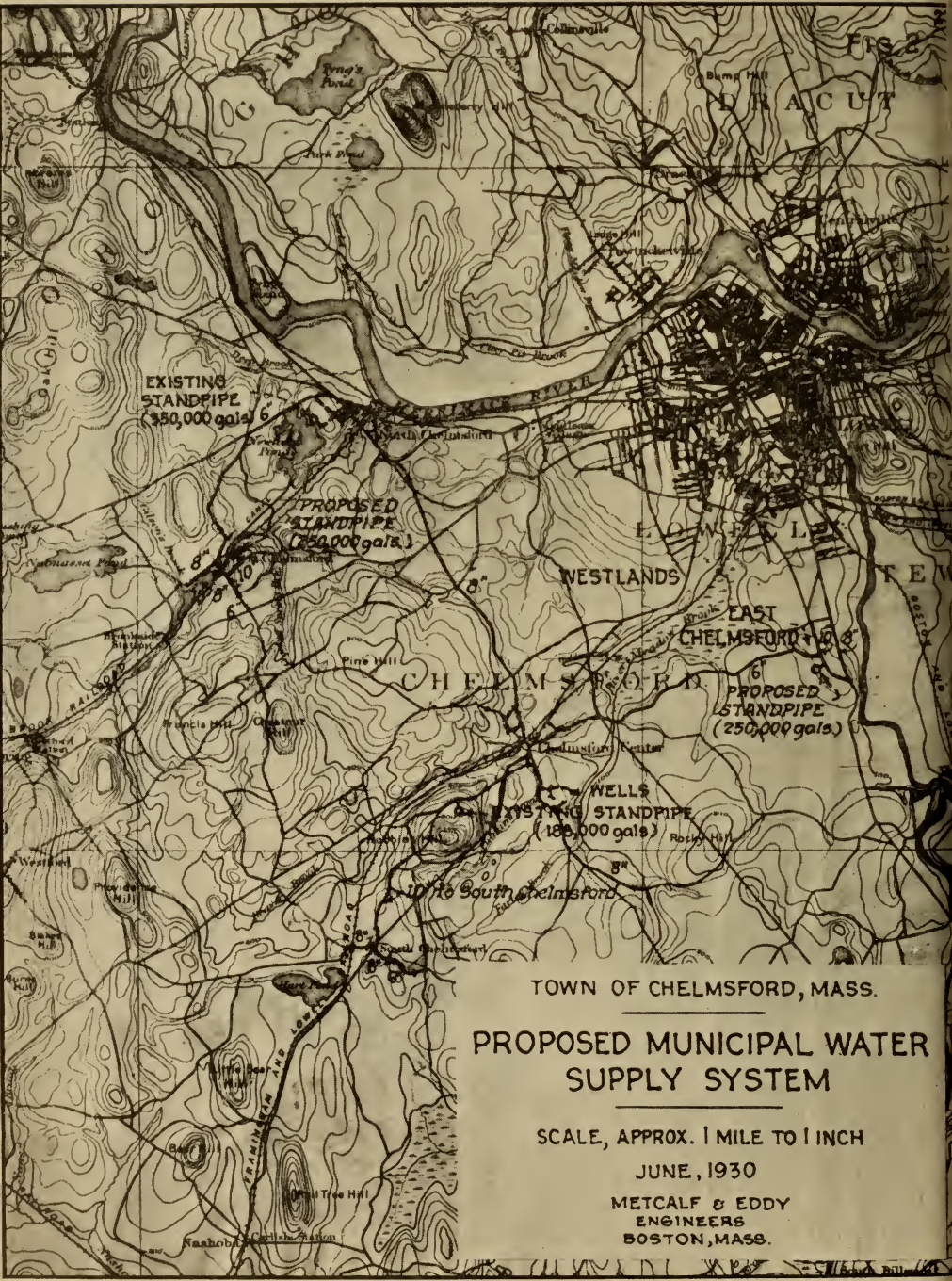
The Chelmsford Center well field presents an excellent opportunity for developing a supply adequate for the entire Town. The quality of the water is excellent and the drainage area of 10 sq. mi. appears adequate to furnish all the water required by the entire Town for many years. At present these wells are pumped about six hours daily during most of the year and about twelve hours during the summer. By pumping on a 24-hour basis this system as now developed, without the addition of any new wells or pumps, probably would serve the entire Town for about ten years. In the future, as consumption increases, the field should be extended from time to time by drilling new wells in the same locality and connecting them with the present suction main.

PROJECT I.

SEVERAL SEPARATE SUPPLIES

This project includes the development of several separate supplies and the installation of such mains and branch feeders as are required to bring the water to the central point of distribution in each village, together with the construction of storage reservoirs or tanks where required. The location of the villages is shown on Fig. 2 and the method of serving each village is described in the following paragraphs:

North Chelmsford. North Chelmsford would be supplied from a new well field and pumping station to be located on the flats bordering the Merrimac River near the mill of the Southwell Wool Combing Company. Fifteen or more 2½-in. tubular wells would be required. The capacity of the pumps would be 290 g.p.m. (gallons per minute) each, at which rate twelve hours pumping daily from one pump should suffice until about 1960. The second pump would be held in reserve. The pumps should be of the



triplex type and, for dependability, one should be driven by an electric motor and the other by a gasoline engine. The station in which the pumps are housed should be a simple brick structure approximately 20 ft. by 30 ft. in plan. An 8-in. force main would be laid from the pumping station to connect with the 8-in. pipe on Middlesex Street or preferably, by special arrangement, with the Southwell Wool Combing Company's 8-in. pipe near their mill.

The present standpipe, with a capacity of 350,000 gal., is adequate for fire protection for this district. Furthermore, the distribution system is well laid out, so that no additional expense is involved in supplying the consumers in this territory.

East Chelmsford. The village of East Chelmsford lies in the extreme easterly portion of the Town, east of the Old Middlesex Canal and south of the City of Lowell. The principal development is along Gorham Street (the State Highway) and Carlisle Street, Carleton and Sprague Avenues, Marshall Street and Riverneck Road.

A supply of water for this village probably could be obtained from new wells in the vicinity of the old "hydraulic" well field of the City of Lowell. Because of the experience with corrosive water from this field, it would perhaps be preferable to locate the wells farther upstream in the meadow, say near the junction of Golden Cove Brook and River Meadow Brook. Eight or more 2½-in. tubular wells would be required. The capacity of the pumps would be 150 g.p.m. each, at which rate eight hours pumping daily from one pump would suffice until 1960. The pumps should be of the triplex type, one driven by an electric motor and the other by a gasoline engine, and the pumping station should be about 20 by 25 ft. in plan.

A 6-in. force main would be laid along the Chelmsford Center Road, connecting the pumping station with the pipe line in Marshall Street. An 8-in. pipe would be laid in Marshall Street, increasing to a 10-in. in Carlisle Street, which would connect with a standpipe lying to the southwest, as shown in Fig. 2. The 10-in. pipe would be extended in Carlisle Street, to the junction with the State Road, and an 8-in. pipe line laid in the State Road from the Lowell City line to Sprague Avenue.

The standpipe would have a capacity of 250,000 gal. and would be provided with a concrete foundation, blowoff chamber and gate valves. The elevation of the high water in the standpipe would be 210 ft. above mean sea level, which is 115 ft. below the level of the Chelmsford Center reservoir. This standpipe would be 25 ft. in diameter and approximately 70 ft. high. Additional pipes may be laid on the remaining streets, as required, and as the finances of the Town permit.

It would appear possible for the village of East Chelmsford to obtain water at slight initial cost from the City of Lowell, since a 12-in. pipe extends from the heart of the city out to the intersection of Anderson and Gorham Streets, reducing to a 10-in. and then to a 6-in. pipe to the city line. The pressure at or near the line is about 52 lb. per square inch. Moreover, the City of Lowell by acts of legislature in 1902 and 1913 was authorized to supply parts of Chelmsford with water. Lowell, however, is hardly in a position at present to furnish water to adjacent communities, having barely

enough for its own needs. It has been necessary during the past year for Lowell to supplement the "Boulevard" well supply with water of inferior quality drawn from the "Cook" system of wells and to look for an additional supply elsewhere. For the above reason it is doubtful if East Chelmsford can secure water from Lowell.

South Chelmsford. The village of South Chelmsford is so situated that the chances of a rapid increase in population appear slight; in fact, only one or two new houses have been built within the last five years.

A convenient local source of supply for the village is lacking, unless a well field could be developed in the vicinity of Hart Pond. There is some danger of contamination from the pond, as in the case of Crystal Lake at North Chelmsford, and there is no particularly suitable site for a standpipe. Fortunately the Chelmsford Center reservoir is only about 1½ miles from the center of South Chelmsford, and the difference in cost of developing a local supply and extending the Chelmsford Center supply is so small that the local supply does not appear justifiable.

A 10-in. pipe line should be laid from the standpipe along Robbins Hill Road to the village. This will provide fire protection in the village without construction of additional storage facilities. In addition, an 8-in. pipe should be laid in Proctor Road from the junction with Lowell Road, to the school house, with a 6-in. pipe extending about 1,000 ft. beyond to furnish water to several dwellings in this district. An 8-in. pipe should be laid along Maple Road as far as the railroad station, in order to afford protection to the church and the railroad station.

West Chelmsford. Under this project it is assumed that West Chelmsford could develop a new supply at some point along Stony Brook or its branches, similar to that obtained by the Abbot Worsted Company of Brookside. The well field would consist of four or more 2½-in. tubular wells. The pumping station would be about 20 ft. by 18 ft. in plan, containing two triplex pumps, one driven by an electric motor and the other by a gasoline engine. The pumps would have a capacity of 60 g.p.m. each, at which rate eight hours pumping daily from one pump should suffice until about 1960.

A discharge pipe about 1,000 ft. long would connect this source with the 10-in. pipe to be laid in School Street. The remainder of the distribution system would include a 10-in. pipe in High Street, connecting with a proposed standpipe on the high land between High Street and the Stony Brook branch railroad. In addition, an 8-in. pipe would be laid on Main Street and would extend in a southwesterly direction to the Westford Town line.

The proposed standpipe would be 25 ft. in diameter and 70 ft. high, having a capacity of about 250,000 gal. The standpipe would be set on a suitable concrete foundation and would be provided with a blowoff chamber and necessary gate valves.

An alternate solution of the water supply problem for West Chelmsford lies in combining with Brookside, to form a fire district similar to the two now existing in Chelmsford. Such a district could obtain a supply from Gilson's Brook at the location now used by the Brookside Mill of the Abbot

Worsted Company. Storage could be provided by a standpipe erected on Francis Hill near the Chelmsford town line southwest of Brookside Village, at such an elevation that water under sufficient pressure would be available in all parts of West Chelmsford. Such a procedure involves joint action between portions of two villages. It might have a slight tendency toward upsetting civic bonds, whereas the construction of a common municipal supply for all the Chelmsford villages might tend to unify the community spirit.

While the Abbot Worsted Company furnishes water to a few houses in West Chelmsford, it does not seem prudent to expect this company to go into the water distribution business on such a scale as to serve the entire village.

Chelmsford Center. The village of Chelmsford Center has an excellent supply of water at the present time, with sufficient storage in the standpipe to care for ordinary fire protection requirements, and no radical change need be made in any part of the Chelmsford Center distribution system. An 8-in. pipe should be laid in Mill Road from the end of the existing pipe in South Street at Putnam Street to a point near the Ice House on River Meadow Brook, a distance of about 6000 ft. The practice of looping up dead ends, in order to secure a better flow, should be continued.

Westlands. The village of Westlands, corresponding with Precinct No. 6, is probably the most rapidly growing part of the town. It lies on the main road between Chelmsford Center and Lowell and offers excellent facilities for the development of a residential district. New streets are being laid out and additional land cleared so that it appears probable that a community of some size may eventually be built up in this locality. Westlands is now included in the Chelmsford Center Water District. Fire flow tests made by the New England Insurance Exchange indicate good pressure in the vicinity of the Lowell Road near Evergreen Street. It is probable that at some future date elevated storage should be provided in this district to improve fire protection.

PROJECT II.

MUNICIPAL WATER SUPPLY

This project includes the development of a single municipal supply to serve all villages utilizing the present facilities of the Chelmsford Center Water District, installing connecting piping in the various parts of the town and providing local storage where such is needed. An outline of the project is shown on Fig. 2, and the method of serving each village is described in the following paragraphs:

North Chelmsford. North Chelmsford would be served from Chelmsford Center through an 8-in. pipe line to be constructed in North Street. The present supply at Crystal Lake would be maintained as an emergency supply as previously discussed. The standpipe is of sufficient size to furnish domestic water to the village for several days, so that a break in the main pipe line should cause no serious interruption in service.

East Chelmsford. East Chelmsford would be served from Chelmsford Center through a 6-in. pipe line to be laid from Billerica Road at Golden Cove Road to the new standpipe to be erected as previously described on the high land west of Carlisle Street. Branches as shown on Fig. 2 would connect the standpipe with houses lying along the State Highway, Marshall Street and Carlisle Street.

South Chelmsford. South Chelmsford would be supplied by a 10-in. pipe leading from the Chelmsford Center standpipe as in Project I. Other pipes are as described under Project I.

West Chelmsford. West Chelmsford would be supplied from Chelmsford Center through North Chelmsford.

The North Chelmsford standpipe is sufficient for both local fire protection and local domestic supply, but the distance to West Chelmsford is such that additional local storage should be provided in the latter village. The proper location for this standpipe would be on the high land between High Street and the Stony Brook Branch railroad, as shown on Fig. 2. The standpipe with top at elevation 260 and a capacity of 250,000 gal., 25 ft. in diameter and 70 ft. high, would give sufficient pressure to adequately protect the George Quessy School and the Church on Maple Street. The Kalix Cup Company has its own system of fire protection including a 50,000-gal. elevated tank.

It would readily be possible but not equally advantageous to place the standpipe on the hill northwest of the Town, which rises to elevation 220.

In case of a serious fire, however, the location near High Street would afford a better flow, due to feeding from two directions at once, a part of the supply coming from North Chelmsford and a part from the standpipe.

Chelmsford Center. This district would be supplied in the same manner as at present. The existing pumps would be operated on a 24-hour basis. In the future, say ten years hence, additional wells would be driven from time to time as required to meet the increasing yearly demand.

Westlands. No change would be made in this district at present. When the increase in building is sufficient, a 250,000-gal. standpipe should be erected in the highest part of the district.

PROJECT III.

ENLARGEMENT OF EXISTING FIRE DISTRICTS

This project is a modification of the two preceding and includes the enlargement of both the North Chelmsford Fire District and the Chelmsford Center Water District. The village of West Chelmsford would be supplied from a new source at North Chelmsford and the villages of East Chelmsford and South Chelmsford connected with the Chelmsford Center District. In other respects the connecting piping and storage provided would be the same as for Project II.

North Chelmsford. This project would involve the construction of a new source of supply at or near the Lowell test well field as previously

described under Project I except that the new motor-driven triplex pump and gasoline engine standby unit each would have a capacity of 330 g.p.m.

East Chelmsford. A 6-in. pipe line would be laid from the East Chelmsford system at Billerica Road, to a new standpipe to be erected near Carlisle Street, as shown on Fig. 2. In addition, pipes as previously described under Project II would be laid connecting the standpipe with the various parts of the village.

South Chelmsford. Under this project the village would be supplied by a 10-in. pipe leading from the Chelmsford Center standpipe, as in Projects I and II.

West Chelmsford. The supply for West Chelmsford would be obtained from North Chelmsford, a new 6-in. supply pipe leading from the distribution system at Newfield Street and Groton Road, passing along Main Street to the edge of the village, where the size would be increased to 8 in. in diameter, and a 10-in. pipe carried along School Street and up High Street to the proposed 250,000-gal. standpipe. In addition, an 8-in. pipe will be laid on Main Street, leading to the Westford town line as in Project II.

Chelmsford Center. This district would be supplied in the same manner as at present. Based on a 12-hour schedule of operation, the existing pumps are of sufficient capacity to furnish a supply for the enlarged district for many years to come. In the future additional wells may be driven as required, to meet the increasing demand for water from this source.

Westlands. No change would be made in this district at present. When the increase in building is sufficient to warrant the expense, a 250,000 gal. standpipe should be erected in the highest part of the district.

ESTIMATES OF COSTS

The estimates of cost included herewith are based upon current prices for labor and materials representing average 1929-1930 construction conditions. Estimates of the extent of rock excavation are based on field inspection only. Estimates are based on the use of cement or bituminous enamel-lined cast iron pipe. No allowance has been made in the estimates for the purchase of land for the well fields and standpipes or for rights of way from the street to the well fields and standpipes. A reasonable allowance has been made to cover contingencies and the cost of engineering. A summary of the estimated cost of the various projects is given in Table 8.

The cost of Project III is the lowest at \$229,000; that of Project I is next at \$231,000, while that of Project II is highest at \$235,000.

COMPARISON OF PROJECTS

The difference in cost between the highest and the lowest estimates is seen to be \$6,000, or less than 3 per cent. Such a small variation is within the limits of error of a preliminary estimate of this sort, so that decision between the projects should be made on the merits of the case and not on the basis of such a slight saving in cost.

CHELMSFORD, MASS.									
TABLE 8--ESTIMATED COST OF CONSTRUCTION OF WATERWORKS IMPROVEMENTS									
DISTRICT	ITEM	UNIT	UNIT COST	PROJECT I SEPARATE SUPPLIES		PROJECT II MUNICIPAL SUPPLIES		PROJECT III EXTEND FIRE DISTRICTS	
				QUANTITY	COST	QUANTITY	COST	QUANTITY	COST
NORTH CHELMSFORD	Wells & Pump Sta	Lin Ft	2.25	290,000	\$16,500			350,000	17,700
	Force Main - 8 inch	Cu.Yds	7.00	2,000	4,500	400	\$2,800	2,000	4,500
	Rock Excavation	Lin Ft	2.25	100	700	10,700	24,100	100	700
	C.1 Pipe - 8 inch Hydrants & Branches	Each	125.00			10	\$1,300		\$22,900
EAST CHELMSFORD	Wells & Pump Sta	Lin.Ft	2.75	3,400	9,400	3,400	9,400		
	C.1 Pipe - 10 inch	" "	2.25	5,000	11,300	5,000	11,300		
	" "	" "	1.75	9,000	15,800	11,400	20,000		
	Rock Excavation	Cu.Yds	7.00	1,700	11,900	1,800	12,600		
	Hydrants & Branches Standpipe Foundations	Each	125.00	25	3,100	26.	3,200	Some as Project II	
SOUTH CHELMSFORD	C.1 Pipe - 10 inch	Lin Ft	2.75		\$73,000	8,500	\$66,500		\$66,500.
	" "	" "	2.25			2,000	23,400		
	" "	" "	1.75			1,000	4,500		
	Rock Excavation Hydrants & Branches	Cu Yds Each	7.00 125.00			1,000 14	7,000 \$38,500	Some as Project II	\$38,500
WEST CHELMSFORD	Wells & Pump Sta	Lin. Ft	1.75	60,000	8,000				
	Force Main - 6 inch	" "	2.75	1,800	5,000	1,800	5,000		
	C.1 Pipe - 10 "	" "	2.25	5,000	11,700	5,200	11,700		
	" "	" "	1.75	1,000	1,800	8,100	14,200	Some as Project II	
CHELMSFORD CENTER	Rock Excavation	Cu.Yds	7.00	300	2,100	300	2,100		
	Hydrants & Branches Standpipe Foundations	Each	125.00	13	1,600	19	2,400		
					8,000		8,000		
CHELMSFORD CENTER	C.1 Pipe - 8 inch	Lin. Ft	2.25	6,000	\$42,000	6,000	\$45,400.		
	Rock Excavation	Cu.Yds	7.00	300	2,100	300	2,100	Some as Project II	
	Hydrants & Branches	Each	125.00	12	1,500	12	1,500		\$17,100
	Sub Total			192,300			195,700		190,400
	Eng & Cont. 20%			38,700			39,300		38,600
	Grand Total			\$231,000			\$235,000		\$229,000

In the case of Projects I and III there are four and two pumping stations, respectively, which require daily attention, while in the case of Project II there is only one station. Thus the operation problems are somewhat simpler in Project II. Further advantages of a single, municipally owned supply, in addition to the simplicity of operation just mentioned, are several: The maintenance of the distribution system, installation of new services and reading of meters can be carried on under the direction of one superintendent; the reservoirs or standpipes in all parts of the Town are interconnected and are therefore available at all times to serve all other parts for fire protection and by equalizing the pressure; isolated property adjacent to the long connecting pipe lines has both water service and fire protection; the fire departments may be consolidated and the operation simplified and made more effective under municipal management; it will be possible to charge the same rates for water in all parts of the Town; the problem of financing the water works for the entire Town will be somewhat simpler than that for several small fire districts. The Town is fortunate in having an abundant supply of excellent portable water in the Chelmsford Center Water District.

RECOMMENDATIONS

As a result of these studies we are of the opinion that the most advantageous method of securing a water supply for the various villages of Chelmsford is by the adoption of Project II, which is a project for a unified system for the entire Town derived from a single source.

The estimated cost for construction of new main pipe lines, standpipes and hydrants is \$235,000.

PROGRAM FOR CONSTRUCTION

Construction can be carried out all at one time or can be spread over a period of years as finances and demand for service dictate. The cost of each item can be found in Table 8. To the figures in the table must be added the allowance of 20 per cent for contingencies and engineering.

The principal items of construction for Project II are summarized briefly as follows:

1. Erection of new standpipes, having a capacity of 250,000 gals. each, in East Chelmsford and West Chelmsford.
2. Connecting the various parts of the Town with the Chelmsford Center supply by laying mains as follows:

From	To	Length ft.	Diameter in.
Chelmsford Center	North Chelmsford	10,700	8
Chelmsford Center	East Chelmsford	11,400	6
Chelmsford Center	South Chelmsford	8,500	10
North Chelmsford	West Chelmsford	7,100	6

3. Laying the following pipes as a part of the distribution system in each of the villages. These may be constructed as finances permit.

Street	From	To	Length—ft.		
			6-in.	8-in.	10-in.
<i>East Chelmsford</i>					
Carlisle St.	Gorham St.	Riverneck Rd.	—	—	3,400
	Gorham St.	Lowell city line	—	5,000	—
<i>South Chelmsford</i>					
Proctor Rd.	Lowell Rd.	2,000 ft. east	1,000	1,000	—
	Maple Rd.	Proctor Rd. R.R. Sta	—	1,000	—
<i>West Chelmsford</i>					
Main St.	Westford Line	5,200 ft. north	—	5,200	—
	School St.	Main Crooked Spring Rd.	1,000	1,000	800
	High St.	School St. Standpipe	—	—	1,000
<i>Center Chelmsford</i>					
South St. and Mill Rd.	Putnam St.	6,000 ft. east	—	6,000	—

A Temporary Expedient. If finances necessitate, it would be practicable to defer the expenditure of \$33,800 by adopting Project II but continuing the North Chelmsford wells and pumps in service and postponing for a few years the construction of the connecting pipe line between North Chelmsford and the Center. Under this plan the West Chelmsford construction would be identical with that of Project II and the North Chelmsford daily pumping would continue a few hours longer than at present. Thus the initial expenditure to provide water in all parts of Town would be reduced to about \$201,000.

In any event as long as these wells are continued in service, the water therefrom should be disinfected continuously by means of chlorination apparatus. Such apparatus can be purchased and installed at a cost of \$600 to \$1,200, depending upon the type of equipment selected. Liquefied chlorine gas can be purchased in steel cylinders of about 100-lb. capacity. The cost of chlorine will approximate 30c to 50c per million gallons treated.

GENERAL CONSIDERATIONS

Insurance Rates. An official examination of the fire protection facilities with hydrant flow tests has not been made in the two districts for some time. It is therefore suggested that your Committee request the New England Insurance Exchange by letter to make another examination of the districts, with flow tests together with a statement of their requirements without deficiencies for the systems. This examination and rating, together with the program of construction outlined in this report will give a good idea of the probable future rating of the Town after the construction is completed.

Payment for Existing Works. The estimates in this report are for the cost of new construction only and do not include any allowance for taking

over any part of the works of the North Chelmsford Fire District or of the Chelmsford Center Water District. It is our understanding that each of the districts has retired a substantial part of the bonds originally issued for the construction of their systems.

If Project II is adopted, presumably the Town will take over all outstanding obligations of the two districts and assume the operation of the plant and maintenance of the distribution system.

While compensating the fire districts for their property is a legal rather than an engineering question, there appears to be no equitable method of distribution among the individual residents of the districts. A portion, at least, of the retired bonds has been paid off from revenue received from water rates and to this extent the participants have received value in water service for their investment to date. Furthermore, for years their property has enjoyed a higher value due both to the benefits of running water and fire protection.

The Determination of Water Rates to Insure Maintenance of the System and to Finance Necessary Extensions. To meet the cost of the construction considered in this report it will be necessary to raise, either through water rates or by taxation, considerably larger sums of money than has been customary recently in the water districts. Money obtained from taxes for the benefit of the water works should be appropriated either as hydrant rental or as direct appropriations for construction. The former is preferable as a general rule, but in either case it should be borne in mind that the greater valuations which the assessors will unquestionably find for property benefited by the water works will generally result in obtaining the full amount of money so appropriated, if not more, from the parties benefited and not from those in outlying sections of the Town not served by the water works. In order that the properties benefited shall be the ones to pay for the water works, their owners must be content to pay not only the water rates but also, through the medium of their taxes, larger sums than other citizens not directly benefited by the water works.

For hydrant rental \$50 per hydrant per year is customary, including not only public hydrants but also those on mill property, the private hydrant rental being paid by the owners of the property.

As was suggested by your Water Committee of 1922, the whole cost of construction may be met by direct taxation, an expenditure of \$200,000 at that time necessitating an increase in the tax rate of \$3.25 per thousand. Such a burden on the tax payers is too great, especially when the direct benefit cannot be shared by all. A more equitable plan would be for the Town to appropriate only such amounts as may be needed to help retire bonds for a few years until the increase in number of water takers is sufficient to allow such retirement by water receipts and hydrant rental.

The Extension of Main Pipes After the Initial Construction is Completed. In many towns it is customary for the town to refuse to make extensions of main pipes unless the party desiring such extension will guarantee to the town 10 per cent of the cost annually for a period of ten years, or otherwise contribute substantially to the cost. We believe this

policy may well be adopted by Chelmsford with the understanding that such guaranty shall be based on the cost of a 6-in. pipe and that if a larger pipe is required in accordance with the general plan adopted by the Town for expansion of the works, the whole of the additional cost should be met by the Town. It would also be well for the Town to make extensions of main pipes at its discretion, without guaranty and wholly at the expense of the Town in cases where it is necessary for the benefit of the system as a whole. This policy would apply to minor cross-connections and loops in the system.

Frequently extensions of main pipes are requested either by one or a few individuals who have been or are building houses at some distance beyond the end of the existing mains or by real estate promoters developing a subdivision. In the former case a guaranty of revenue for ten years will generally be found to meet the situation most advantageously. In the latter case the immediate payment of a sum equivalent to the present worth of the construction cost might prove more advantageous. The method of financing extensions is often restricted by the By-laws of the Town. Any petitioner for an extension should be privileged to make a single payment rather than ten, if he prefers, and the Town should be entitled to demand it if it appears necessary.

Any such requirement is bound to result in conditions which are not altogether equitable as between original petitioners and later water takers in the same extension. The only practicable way to administer such a requirement is to consider that the original petitioners guarantee certain annual amounts and to credit against them any revenue received at regular rates from subsequent water takers on the same extension, but this credit should not be carried so far as to let any water taker have water at less than the established rates.

Capacity of Standpipes. The amount of storage required in the various parts of the Town is based upon the requirements of the New England Insurance Exchange for similar districts. In general, in the villages it should be possible to concentrate 1,000 g.p.m. at any point in the thickly settled areas, while 750 g.p.m. is the least desirable quantity which should be available in any part of the village. A 250,000-gal. standpipe would maintain a 1,000-g.p.m. flow for about 4 hours. It would be possible to reduce the size of these individual standpipes to 180,000 gal. as a minimum, but this procedure is not recommended. The saving in the construction of the smaller standpipes would probably not exceed \$2,000.

Acknowledgments. In closing this report we wish to acknowledge the service rendered by Superintendent McMahon and Superintendent Wright in furnishing data on the water works systems of North and Center Chelmsford. We are also indebted to the Massachusetts Department of Public Health and to the New England Insurance Exchange for such information as they had available.

Respectfully submitted,

HARRISON C. EDDY
METCALF & EDDY

Report of State Audit

As of July 7, 1930

BOARD OF SELECTMEN

December 31, 1930

TO THE CITIZENS OF CHELMSFORD, MASS.—

The following is a report of an audit as submitted by the Department of Corporations and Taxation, Division of Accounts, made as of July 7, 1930.

Very truly yours,

ELIPHALET G. BROWN

FRANK J. LUPIEN

ROYAL SHAWCROSS

Selectmen of Chelmsford, Mass.

August 29, 1930

TO THE BOARD OF SELECTMEN:

Mr. Eliphalet G. Brown, Chairman,
Chelmsford, Massachusetts.

Gentlemen:—

I submit herewith my report of an audit of the accounts of the Town of Chelmsford for the period from January 1, 1929 to July 7, 1930, made in accordance with the provisions of Chapter 44 of the General Laws. This report is in the form of a report made to me by Mr. Edward H. Fenton, Chief Accountant of this Division.

Very truly yours,

THEODORE N. WADDELL,

Director of Accounts.

MR. THEODORE N. WADDELL,
Director of Accounts
Department of Corporations and Taxation
State House, Boston.

Sir:

As directed by you, I have made an audit of the books and accounts of the Town of Chelmsford for the period from January 1, 1929 to July 7, 1930, the following report being submitted thereon:

The financial transactions of the Town, as recorded on the books of the several departments collecting or disbursing money for the Town or committing bills for collection, were examined and checked with the records of the Town Accountant.

In checking the accounts of the Town Treasurer and Tax Collector, cash discrepancies were disclosed aggregating \$9,206.12. In addition claims have been made that taxes have been paid, which, when substantiated by proof of payment, will increase the shortage correspondingly.

The books and accounts of the Treasurer and Tax Collector, as Treasurer, were examined and checked in detail. The recorded receipts were analyzed and compared with the records of the departments making payments to the Treasurer, with the other sources from which money is paid into the Town treasury, and with the reports and records in the Town Accountant's office, while the payments were compared with the Selectmen's warrants authorizing the Treasurer to disburse Town funds and with the original vouchers and pay-rolls on file.

As noted in the course of the previous audits, it is apparent that the Treasurer made no effort to effect an accurate reconciliation of the cash book balance with the amount of cash actually on hand and on deposit in the bank. The check book records were found to be incomplete, it being evident that the Treasurer did not reconcile the bank account with statements furnished by the bank in which Town funds are deposited.

A reconciliation of the bank account on July 7, 1930, was made, and it was found that although the balance on deposit in the bank on the above date was \$3,163.13, there were outstanding checks against it in the amount of \$8,827.10, showing an overdraft in the bank account of \$5,663.97. The actual cash and checks in the Treasurer's possession on July 7, 1930, aggregated \$1,765.81, which sum, applied against the overdraft in the bank, would reduce the Treasurer's bank overdraft to \$3,898.16. However, the Treasurer's cash book on July 7, 1930, called for a cash balance of \$2,796.82, which amount, added to the overdraft of \$3,898.16 in the bank account, disclosed a total discrepancy in the accounts of the Treasurer and Collector, as Treasurer, aggregating \$6,694.98.

Appended to this report are tables showing a reconciliation of the Treasurer's cash.

The books and accounts of the Treasurer and Tax Collector, as Tax Collector, were examined and checked in detail. The commitments of poll and property taxes for the levies of 1926 to 1929, inclusive, and of motor vehicle excise taxes of 1929, were added and reconciled with the Assessors' warrants committing the taxes and assessments for collection. The col-

lections, as recorded on the cash books, were checked to the postings on the commitment books and it was found that numerous items were posted on the commitment books as paid which were not entered on the Collector's cash books. The collection of these items was verified by sending letters to the tax-payers whose accounts were marked on the commitment books as paid, and the Collector was charged with the amounts thus collected which were not entered on the cash book and hence not paid over to the Treasurer. The abatements, as recorded on the commitment books, were checked with the Assessors' records of abatements granted, and the outstanding accounts were listed.

A verification of the outstanding accounts as shown on the commitment books was made by mailing notices to all persons whose names appeared on the books as owing money to the Town, and replies were received from a large number of taxpayers who made claim that their taxes had been paid. These claims were investigated personally and proof of payment was obtained and collections charged to the Collector as follows: Levy of 1926, \$868.10; levy of 1927, \$1,171.04; levy of 1928, \$492.18; and levy of 1929, \$423.58. In addition, as previously stated, a number of claims of payment have been made which have not been substantiated by presentation of receipted tax bills or cancelled checks and which were included in the list of outstanding taxes.

The outstanding lists of taxes were subsequently corrected, and after the necessary adjustments of the numerous errors and omissions of the Collector had been made, the levies charged to him were reconciled, with the result that a net discrepancy of \$2,511.14 was found in the accounts of the Treasurer and Collector, as Collector.

Toward the completion of the audit, the Treasurer and Collector was informed of the discrepancies in his accounts, and on August 23, 1930, he deposited in the Town Treasury the sum of \$10,000 to cover the total cash discrepancy of \$9,206.12 existing as of July 7, 1930, leaving a balance of \$793.88 to his credit. This amount, however, should be reserved pending the investigation of additional claims made by tax-payers that their taxes have been paid and not credited by the Collector, said claims being in excess of \$500.

The accounts of the Collector and Treasurer were kept in an extremely careless and unbusinesslike manner, necessitating an enormous amount of detailed checking, which materially increased the length and cost of the audit.

The accounts of the Collector, as Collector of taxes for the North Chelmsford Fire District and the Chelmsford Water District were examined and checked in detail. Overpayments of \$11.94 to the Treasurer of the North Chelmsford Fire District and of \$216.28 to the Chelmsford Water District are apparently due to collections made and not entered on the cash books or commitment books. Claims of payment by tax-payers, when substantiated by presentation of receipted bills or cancelled checks, should be charged to the amounts so overpaid to the district treasurers.

Appended herewith are tables showing a summary of the several tax levies and a reconciliation of the cash accounts.

The books and accounts in the Town Accountant's office were examined

and checked. The recorded receipts were compared with the Treasurer's records, and the disbursements, as recorded, were checked with the warrants and with the books of the Treasurer. The appropriation accounts were checked with the Town meeting records of appropriations and transfers voted, the ledger accounts were analyzed, the necessary adjusting entries were made, and a balance sheet, showing the financial condition of the Town on July 7, 1930, was prepared and is appended to this report.

This balance sheet shows that while the surplus revenue of the Town is of a substantial amount, it is, nevertheless, not available, since it is represented entirely by uncollected taxes of 1929 and prior years. It is therefore recommended that immediate action be taken toward the collection of these taxes.

It was noted that the library appropriation has been turned over to the Treasurer of the library trustees for disbursement by him. It is recommended that the library trustees present to the Town Accountant approved, detailed vouchers properly chargeable to the library appropriation, and that these vouchers be placed on a warrant for payment by the Town Treasurer. Attention in this connection is called to Sections 35 and 56, Chapter 41, General Laws.

It was also found that the library fines have been used to defray miscellaneous library expenses. It is recommended that the fines be paid into the Town Treasury as required by Section 53, Chapter 44, General Laws.

The appended balance sheet shows an overdraft in the maturing debt and interest account, due to the fact that no appropriations are apparently being voted by the Town for debt or for interest on maturing debt and on temporary loans, the Assessors including the required amounts in fixing the tax levy. It is recommended that the proper debt and interest requirements be voted by the Town.

The records of tax titles were found to be inadequate and incomplete. It is recommended that the validity of the tax titles held by the Town be investigated, that those found invalid be written off the books, and that action be taken toward proceedings for foreclosure of rights of redemption as required by Section 50, Chapter 60, as amended by Section 2, Chapter 126, Acts of 1927.

The Town Clerk's records of sporting and dog licenses issued were examined, and the recorded payments to the Division of Fisheries and Game and to the County Treasurer, respectively, were verified.

The savings bank books representing the investment of the trust and investment funds held by the Treasurer, library trustees, and insurance fund commissioners were personally examined. The income was proved and the disbursements were verified. Appended herewith are tables showing the trust fund transactions.

In addition to the departments mentioned, the books and accounts of all other departments collecting money for the Town were examined and checked.

For the co-operation received from the several Town officials during the progress of the audit, I wish, on behalf of my assistants and for myself, to express appreciation.

Respectfully submitted,

EDW. H. FENTON,
Chief Accountant.

RECONCILIATION OF TREASURER'S CASH

Balance January 1, 1929.....	\$ 15,484.83	
Receipts	478,901.18	
	_____	\$494,386.01
Payments	\$481,916.36	
Balance December 31, 1929.....	12,469.65	
	_____	\$494,386.01
Balance January 1, 1930.....	\$ 12,469.65	
Receipts January 1, to July 7, 1930.....	153,836.47	
Unpaid order	40.00	
	_____	\$166,346.12
Payments January 1 to July 7, 1930.....	\$163,509.30	
Order drawn and unpaid.....	40.00	
Balance July 7, 1930, per cash book.....	2,796.82	
	_____	\$166,346.12
Balance July 7, 1930, per cash book.....	\$ 2,796.82	
Bank overdraft July 7, 1930, per check book.....	5,663.97	
	_____	\$ 8,460.79
Cash in office July 7, 1930, verified.....	\$ 1,765.81	
Cash discrepancy July 7, 1930.....	6,694.98	
	_____	\$ 8,460.79

The Union Old Lowell National Bank

Balance July 7, 1930, per statement.....	\$ 3,163.13	
Bank overdraft July 7, 1930, per check book.....	5,663.97	
	_____	\$ 8,827.10
Outstanding checks July 7, 1930, per list.....		\$ 8,827.10

SUMMARY OF CASH

E. W. Sweetser, Treasurer and Tax Collector

Cash discrepancy in Treasurer's accounts,	\$	6,694.98
Cash discrepancy in Collector's accounts:		
Taxes 1927.....	\$	513.41
Taxes 1928.....		694.12
Taxes 1929.....		2,596.28
Motor vehicle excise taxes 1929.....		744.90
Interest—taxes 1926.....		12.06
Interest—taxes 1927.....		127.05
Interest—taxes 1928.....		42.13
Interest—taxes 1929		95.34
Interest—motor vehicle excise taxes 1929		11.99
	<u>\$</u>	<u>4,837.28</u>
		<u>\$ 11,532.26</u>
Overpayment by Collector to Treasurer:		
Taxes 1926	\$	2,321.87
Moth assessments 1926		4.27
		<u>\$2,326.14</u>
Net discrepancy in Treasurer's and Collector's accounts July 7, 1930.....		<u>\$9,206.12</u>
		<u>\$ 11,532.26</u>
Deposited into Town treasury August 23, 1930		\$ 10,000.00
Due Town treasury August 23, 1930.....	\$9,206.12	
Balance to the credit of E. W. Sweetser, August 23, 1930.....		793.88
		<u>\$ 10,000.00</u>

TAXES—1926

Commitment per warrant.....	\$230,856.15	
Additional commitment	93.15	
		\$230,949.30
Payments to Treasurer:		
1926	\$175,167.39	
1927	39,236.96	
1928	9,676.70	
1929	3,318.02	
		\$227,399.07
Abatements:		
1926	\$ 398.15	
1927	200.70	
1929	2.00	
		\$ 600.85
Outstanding December 31, 1929.....	2,949.38	
		\$230,949.30
Outstanding January 1, 1930.....	\$ 2,949.38	
Commitment list in excess of warrant..	6.20	
Collections not committed.....	37.00	
Interest reported as taxes.....	25.00	
Abatement after payment, adjusted.....	.90	
Overpayment by Collector to Treasurer:		
Overentries	\$ 1,056.56	
Error in addition of cash book.....	2,482.41	
Refund by Collector.....	30.00	
		\$ 3,568.97
Deduct:		
Collection per cash book not paid over to Treasurer.....	\$ 1.50	
Collections per commitment book not on cash book	377.50	
Collections not credited per receipts examined	868.10	
		\$ 1,247.10
		\$ 2,321.87
		\$ 5,340.35
Payments to Treasurer January 1 to July 7, 1930.....	\$ 462.70	
Abatements January 1 to July 7, 1930..	138.50	
Outstanding July 7, 1930, per list.....	4,739.15	
		\$ 5,340.35

TAXES—1927

Commitment per warrant.....	\$234,078.41	
Additional commitment	270.68	
		\$234,349.09
Payments to Treasurer:		
1927	\$172,701.68	
1928	37,242.81	
1929	14,947.78	
		\$224,892.27
Abatements:		
1927	\$ 404.12	
1928	30.58	
1929	155.24	
		\$ 589.94
Outstanding December 31, 1929.....		8,866.88
		\$234,349.09
Outstanding January 1, 1930.....	\$ 8,866.88	
Commitment list in excess of warrant..	45.08	
Collections not committed.....	109.35	
Payment after abatement, to be re-		
funded	3.73	
Error in reporting abatements.....	2.04	
		\$ 9,027.08
Payments to Treasurer January 1 to		
July 7, 1930.....	\$ 706.43	
Abatements January 1 to July 7, 1930..	182.56	
Outstanding July 7, 1930, per list.....	7,624.68	
Due from Collector July 7, 1930:		
Collections per cash book not paid		
over to Treasurer.....	\$ 99.00	
Collections per commitment book		
not entered on cash book.....	274.62	
Collections not credited, per re-		
ceipts examined	1,171.04	
		\$ 1,544.66
Less Collector's overpayments to		
Treasurer	1,031.25	
		\$ 513.41
		\$ 9,027.08

TAXES—1928

Commitment per warrant.....	\$219,911.99	
Additional commitment	1,213.44	
	<hr/>	\$221,125.43
Payments to Treasurer:		
1928	\$159,511.87	
1929	35,004.68	
	<hr/>	\$194,516.55
Abatements:		
1928	\$ 1,015.88	
1929	173.66	
	<hr/>	\$ 1,189.54
Outstanding December 31, 1929.....	25,419.34	
	<hr/>	\$221,125.43
Outstanding January 1, 1930.....	\$ 25,419.34	
Collections not committed.....	81.86	
Commitment list in excess of warrant..	88.02	
Abatements after payment, to be refunded	108.56	
Interest credited as taxes.....	.05	
Error in reporting abatements.....	.02	
	<hr/>	\$ 25,697.85
Payments to Treasurer January 1 to July 7, 1930.....	\$ 10,241.63	
Abatements January 1 to July 7, 1930..	195.61	
Taxes 1928 reported as taxes 1929.....	25.00	
Outstanding July 7, 1930, per list.....	14,541.49	
Due from Collector July 7, 1930:		
Collections per cash book not paid over to Treasurer—errors in addition	\$ 64.95	
Collections per commitment book not entered on cash book.....	596.05	
Collections not credited, per receipts examined	492.18	
	<hr/>	\$ 1,153.18
Less Collector's overpayments to Treasurer	459.06	
	<hr/>	\$ 694.12
		<hr/>
		\$25,697.85

TAXES—1929

Commitment per warrant.....	\$216,621.76	
Additional commitment	22.60	
		\$216,644.36
Payments to Treasurer.....	\$156,299.16	
Abatements	1,279.74	
Outstanding December 31, 1929.....	59,065.46	
		\$216,644.36
Outstanding January 1, 1930.....	\$ 59,065.46	
Commitment list in excess of warrant..	2.00	
Abatements after payment, refunded...	285.60	
Abatements after payment, to be re- funded	714.34	
Taxes 1928 reported as taxes 1929.....	25.00	
		\$ 60,092.40
Payments to Treasurer January 1 to July 7, 1930.....	\$ 13,763.94	
Abatements January 1 to July 7, 1930..	682.40	
Outstanding July 7, 1930, per list.....	43,049.78	
Due from Collector July 7, 1930:		
Collections per commitment book not entered on cash book.....	\$ 2,869.15	
Collections not credited, per receipts examined	423.58	
		\$ 3,292.73
Less Collector's overpayments to Treasurer	696.45	
		\$ 2,596.28
		\$ 60,092.40

MOTOR VEHICLE EXCISE TAXES—1929

Commitment per warrants.....		\$ 16,092.35
Payments to Treasurer.....	\$ 10,346.26	
Abatements	1,042.74	
Outstanding December 31, 1929.....	4,703.35	
		\$ 16,092.35

Outstanding January 1, 1930.....	\$ 4,703.35	
Commitment January 1 to July 7, 1930	35.10	
Abatements after payment, refunded...	664.53	
Abatements after payments, to be re- funded	64.19	
Overpayment to be refunded.....	2.00	
Error in reporting abatements ..	1.00	
		\$ 5,470.17

Payments to Treasurer January 1 to July 7, 1930.....	\$ 1,777.53	
Abatements January 1 to July 7, 1930..	720.06	
Outstanding July 7, 1930, per list.....	2,227.68	

Due from Collector July 7, 1930:		
Collections per cash book not paid over to Treasurer.....	\$ 459.50	
Collections per commitment book not entered on cash book.....	303.12	
Collections not credited, per receipts examined	8.15	
	\$ 770.77	
Less Collector's overpayments to Treasurer	25.87	
	\$ 744.90	
		\$ 5,470.17

MOTH ASSESSMENTS—1926

Commitment per warrant.....		\$ 297.70
Payments to Treasurer:		
1926	\$ 172.40	
1927	92.12	
1928	20.87	
1929	8.70	
Outstanding December 31, 1929.....		\$ 294.09 3.61
		\$ 297.70
Outstanding January 1, 1930.....		\$ 3.61
Overpayment by Collector to Treasurer:		
Duplicate entry in cash book.....	\$ 6.00	
Less collection not credited, per receipt examined	1.73	
		\$ 4.27
Outstanding July 7, 1930, per list.....		\$ 7.88 \$ 7.88

INTEREST—TAXES 1926

Collections per cash book:		
1926	\$ 330.29	
1927	1,818.05	
1928	907.35	
1929	513.44	
1930 to July 7.....	25.78	
		\$ 3,594.91
Collections per commitment book not entered on cash book.....		54.39
Collections not credited, per receipts examined		27.34
		\$ 3,676.64
Payments to Treasurer:		
1926	\$ 330.29	
1927	1,820.03	
1928	920.31	
1929	516.32	
1930 to July 7.....	52.63	
		\$ 3,639.58
Interest reported as taxes 1926.....		25.00
Due from Collector July 7, 1930:		
Collections per commitment book not entered on cash book.....	\$ 4.54	
Collections not credited, per receipts examined	27.34	
		\$ 31.88
Less Collector's overpayments to Treasurer	19.82	
		\$ 12.06
		\$ 3,676.64

INTEREST—TAXES 1927

Collections per cash book:

1927	\$	194.19
1928		1,563.04
1929		1,624.66
1930 to July 7.....		56.86

\$ 3,438.75

Collections per commitment book not entered on cash book.....

91.08

Collections not credited, per receipts examined

17.98

17.97

\$ 3,547.80

Payments to Treasurer:

1927	\$	194.19
1928		1,498.71
1929		1,624.66
1930 to July 7.....		103.19

\$ 3,420.75

Due from Collector July 7, 1930:

Collections per commitment book not entered on cash book.....\$ 44.75

Collections per cash book not paid over to Treasurer..... 67.08

Collections not credited, per receipts examined 17.97

\$ 129.80

Less Collector's overpayment to Treasurer

2.75

\$ 127.05

\$ 3,547.80

INTEREST—TAXES 1928

Collections per cash book:			
1928	\$ 584.72		
1929	1,440.35		
1930 to July 7.....	925.06		
	<hr/>		
	\$ 2,950.13		
Collections per commitment book not entered on cash book.....		36.72	
Collections not credited, per receipts examined		5.27	
	<hr/>	\$ 2,992.12	
Payments to Treasurer:			
1928	\$ 584.72		
1929	1,440.31		
1930 to July 7.....	924.91		
	<hr/>	\$ 2,949.94	
Interest credited as taxes 1928.....		.05	
Due from Collector July 7, 1930:			
Collections per cash book not paid over to Treasurer		\$.14	
Collections per commitment book not entered on cash book.....		36.72	
Collections not credited, per receipts examined		5.27	
	<hr/>	\$ 42.13	
		<hr/>	\$ 2,992.12

INTEREST—TAXES 1929

Collections per cash book:			
1929	\$ 276.43		
January 1 to July 7, 1930.....	398.03		
	<hr/>	\$ 674.46	
Collections per commitment book not entered on cash book.....		85.28	
Collections not credited, per receipts examined		9.60	
	<hr/>	\$ 769.34	
Payments to Treasurer:			
1929	\$ 275.97		
January 1 to July 7, 1930.....	398.03		
	<hr/>	\$ 674.00	
Due from Collector July 7, 1930:			
Collections per cash book not paid over to Treasurer.....		\$.46	
Collections per commitment book not entered on cash book.....		85.28	
Collections not credited, per receipts examined		9.60	
	<hr/>	\$ 95.34	
		<hr/>	\$ 769.34

INTEREST ON MOTOR VEHICLE EXCISE TAXES—1929

Collections per cash book:			
1929	\$	4.88	
January 1 to July 7, 1930.....		53.95	
			\$ 58.83
Collections per commitment book not entered on cash book.....			
		4.27	
			\$ 63.10
Payments to Treasurer:			
1929	\$	4.88	
January 1 to July 7, 1930.....		46.23	
			\$ 51.11
Due from Collector July 7, 1930:			
Collections per cash book not paid over to Treasurer.....	\$	7.72	
Collections per commitment book not entered on cash book.....		4.27	
			\$ 11.99
			\$ 63.10

NORTH CHELMSFORD FIRE DISTRICT—TAXES 1926

Commitment per warrant.....	\$ 3,546.37	
Commitment list in excess of war- rant .....	.07	
Interest collections	30.18	
		<hr/>
		\$ 3,576.62
Payments to District Treasurer :		
June 1, 1926 to May 31, 1927.....	\$ 3,099.66	
June 1, 1927 to May 31, 1928.....	203.16	
June 1, 1928 to May 31, 1929.....	83.33	
June 1, 1929 to July 7, 1930.....	39.36	
		<hr/>
	\$ 3,425.51	
Outstanding July 7, 1930, per list.....	110.89	
Due from Collector July 7, 1930.....	40.22	
		<hr/>
		\$ 3,576.62

NORTH CHELMSFORD FIRE DISTRICT—TAXES 1927

Commitment per warrant.....	\$ 1,718.00	
Commitment list in excess of war- rant	1.25	
Interest collections	16.97	
Overpayment by Collector to Treasurer	48.40	
		<hr/>
		\$ 1,784.62
Payments to District Treasurer :		
June 1, 1927 to May 31, 1928.....	\$ 1,512.35	
June 1, 1928 to May 31, 1929.....	129.12	
June 1, 1929 to July 7, 1930.....	97.08	
		<hr/>
	\$ 1,738.55	
Abatements .....	.07	
Outstanding July 7, 1930, per list.....	46.00	
		<hr/>
		\$ 1,784.62

NORTH CHELMSFORD FIRE DISTRICT—TAXES 1928

Commitment per warrant.....	\$ 1,356.50	
Commitment list in excess of warrant..	.06	
Interest collections	10.22	
Overpayment by Collector to Treasurer	27.80	
		<hr/>
		\$ 1,394.58
Payments to District Treasurer :		
June 1, 1928 to May 31, 1929.....	\$ 1,150.78	
June 1, 1929 to May 31, 1930.....	147.92	
		<hr/>
	\$ 1,298.70	
Abatements	11.90	
Outstanding July 7, 1930, per list.....	83.98	
		<hr/>
		\$ 1,394.58

NORTH CHELMSFORD FIRE DISTRICT—TAXES 1929

Commitment per warrant.....	\$ 2,555.40	
Interest collections.....	5.97	
	_____	\$ 2,561.37
Payments to District Treasurer:		
June 1, 1929 to May 31, 1930.....	\$ 2,158.53	
Abatements June 1, 1929 to May		
31, 1930.....	4.40	
Outstanding July 7, 1930, per list.....	358.10	
Cash in Town treasury July 7, 1930...	16.30	
Due from Collector July 7, 1930.....	24.04	
	_____	\$ 2,561.37

NORTH CHELMSFORD FIRE DISTRICT

Reconciliation of Collector's Cash

Overpayments by Collector to District		
Treasurer:		
Levy of 1927.....	\$ 48.40	
Levy of 1928.....	27.80	
	_____	\$ 76.20
Underpayments by Collector to District		
Treasurer:		
Levy of 1926.....	\$ 40.22	
Levy of 1929.....	24.04	
	_____	\$ 64.26
Due Collector July 7, 1930.....	11.94	
		\$ 76.20

CHELMSFORD WATER DISTRICT—TAXES 1926

Commitment per warrant.....	\$ 7,137.10	
Additional commitment	22.47	
Commitment list in excess of warrant..	1.78	
Interest collections	103.70	
Overpayment by Collector to Treasurer	123.54	
		\$ 7,388.59
Payments to District Treasurer :		
1926	\$ 4,822.63	
1927	1,815.96	
1928	226.32	
1929	28.63	
1930 to July 7.....	90.12	
Outstanding July 7, 1930, per list.....	\$ 6,982.76	
	405.83	
		\$ 7,388.59

CHELMSFORD WATER DISTRICT—TAXES 1927

Commitment per warrant.....	\$ 3,254.16	
Commitment list in excess of warrant..	1.66	
Interest collections	41.13	
Overpayment by Collector to Treasurer	82.31	
		\$ 3,379.26
Payments to District Treasurer :		
1927	\$ 2,344.07	
1928	668.15	
1929	38.85	
1930 to July 7.....	142.38	
Abatements	\$ 3,193.45	
	.47	
Outstanding July 7, 1930, per list.....	185.34	
		\$ 3,379.26

CHELMSFORD WATER DISTRICT—TAXES 1928

Commitment per warrant.....	\$ 3,416.91	
Additional commitment	6.21	
Interest collections	35.44	
Overpayment by Collector to Treasurer	10.43	
		\$ 3,468.99
Payments to District Treasurer:		
1928	\$ 2,490.32	
1929	376.45	
1930 to July 7.....	161.31	
	\$ 3,028.08	
Outstanding July 7, 1930, per list.....	266.48	
Cash in Town treasury July 7, 1930....	174.43	
		\$ 3,468.99

CHELMSFORD WATER DISTRICT

Reconciliation of Collector's Cash

Overpayment by Collector to District Treasurer:		
Levy of 1926.....	\$ 123.54	
Levy of 1927.....	82.31	
Levy of 1928.....	10.43	
		\$ 216.28
Due Collector July 7, 1930.....		\$ 216.28

DEPARTMENTAL ACCOUNTS RECEIVABLE

Outstanding January 1, 1929.....	\$ 3,463.15	
Commitment	4,197.90	
		\$ 7,661.05
Payments to Treasurer.....	\$ 2,937.33	
Outstanding December 31, 1929.....	4,723.72	
		\$ 7,661.05
Outstanding January 1, 1930.....	\$ 4,723.72	
Commitment January 1 to July 7, 1930.	3.75	
		\$ 4,727.47
Payments to Treasurer January 1 to July 7, 1930.....	\$ 1,285.40	
Abatements January 1 to July 7, 1930..	504.00	
Adjustment per audit.....	1,561.03	
Outstanding July 7, 1930, per list:		
Tree Warden	\$ 12.00	
Board of Health.....	652.83	
Highways	101.57	
Public Welfare	585.64	
Schools	25.00	
		\$ 1,377.04
		\$ 4,727.47

ADAMS LIBRARY

Balance January 1, 1929.....	\$ 41.21	
Town appropriation	1,400.00	
Refund	3.50	
Transfers:		
George Fund	\$ 767.85	
George Memorial Building Fund....	15,000.00	
	\$ 15,767.85	
		\$ 17,212.56
Expenditures	\$ 17,148.22	
Balance December 31, 1929.....	64.34	
	\$ 17,212.56	
Balance January 1, 1930.....	\$ 64.34	
Town appropriation	1,600.00	
Miscellaneous receipts January 1 to August 20, 1930.....	19.44	
Transfers January 1 to August 20, 1930:		
Joseph Warren Fund.....	\$ 368.13	
George Memorial Building Fund....	8,632.57	
	\$ 9,000.70	
		\$ 10,684.48
Expenditures January 1 to August 20, 1930	\$ 10,583.25	
Balance Old Lowell National Bank August 30, 1930, per statement.....	101.23	
	\$ 10,684.48	

ADAMS EMERSON LIBRARY FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$243.10	\$243.10
On hand at end of year 1929.....	254.15	254.15
On hand July 7, 1930.....	254.15	254.15
On hand August 20, 1930.....	265.70	265.70

Receipts

Payments

1929

Income\$11.05 Deposited in savings bank...\$11.05

January 1 to July 7, 1930
no transactions

July 8 to August 20, 1930

Income\$11.55 Deposited in savings bank...\$11.55

THE GEORGE MEMORIAL HALL FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$22,604.02	\$22,604.02
On hand at end of year 1929.....	8,632.57	8,632.57
On hand July 7, 1930.....	<u> </u>	<u> </u>

Receipts

Payments

1929

Withdrawn from savings bank	\$ 15,000.00	Deposited in savings bank	\$ 1,028.55
Income	1,028.55	Transferred to library Treasurer.....	15,000.00
	<u> </u>		<u> </u>
	\$ 16,028.55		\$ 16,028.55

January 1 to July 7, 1930

Withdrawn from savings bank	\$8,632.57	Transferred to library Treasurer	\$8,632.57
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JOSEPH WARREN LIBRARY FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$1,772.79	\$1,772.79
On hand at end of year 1929.....	1,853.43	1,853.43
On hand July 7, 1930.....	1,853.43	1,853.43
On hand August 20, 1930.....	1,569.63	1,569.63

Receipts

Payments

1929

Income	\$80.64	Deposited in savings bank....	\$80.64
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January 1 to July 7, 1930
no transactions

July 8 to August 20, 1930

Withdrawn from savings bank.....	\$ 368.13	Deposited in savings bank..\$	84.33
Income	84.33	Transferred to library Treasurer	368.13
	<u> </u>		<u> </u>
	\$452.46		\$452.46

S. G. RICHARDSON LIBRARY FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$357.08	\$357.08
On hand at end of year 1929.....	373.32	373.32
On hand July 7, 1930.....	373.32	373.32
On hand August 20, 1930.....	390.28	390.28

1929

Income.....\$16.24 Deposited in savings bank.....\$16.24

January 1 to July 7, 1930
no transactions

July 8 to August 20, 1930

Income.....\$16.96 Deposited in savings bank.....\$16.96

GEORGE LIBRARY FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$2,767.85	\$2,767.85
On hand at end of year 1929.....	2,106.72	2,106.72
On hand July 7, 1930.....	2,106.72	2,106.72
On hand August 20, 1930.....	2,202.58	2,202.58

Receipts

Payments

1929

Withdrawn from savings bank.....	\$767.85	Deposited in savings bank....	\$106.72
Income.....	106.72	Transferred to library	
		Treasurer	767.85
	\$874.57		\$874.57

January 1 to July 7, 1930
no transactions

July 8 to August 20, 1930

Income.....\$95.86 Deposited in savings bank.....\$95.86

CEMETERY CARE AND IMPROVEMENT FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$119.75	\$119.75
On hand at end of year 1929.....	125.18	125.18
On hand July 7, 1930.....	125.18	125.18
Receipts		Payments
1929		
Income.....	\$5.43	Deposited in savings bank.....\$5.43

AARON GEORGE CEMETERY FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$1,000.00	\$1,000.00
On hand at end of year 1929.....	1,010.50	1,010.50
On hand July 7, 1930.....	1,010.50	1,010.50
Receipts		Payments
1929		
Withdrawn from savings bank.....	\$35.00	Deposited in savings bank.....\$45.50
Income.....	45.50	Expenditures 35.00
	<u>\$80.50</u>	<u>\$80.50</u>

January 1 to July 7, 1930
no transactions

CEMETERY PERPETUAL CARE FUND

	Cash in Treasury	Savings Deposits	Total
On hand at beginning of year 1929.....		\$20,311.24	\$20,311.24
On hand at end of year 1929.....		21,315.70	21,315.70
On hand July 7, 1930.....	\$300.00	21,315.70	21,615.70

Receipts

Payments

1929

Withdrawn from savings bank.....	641.39	Deposited in savings bank.....	\$1,645.85
Income.....	906.40	Transferred to Town.....	641.39
Bequest.....	739.45		
	\$2,287.24		\$2,287.24

January 1 to July 7, 1930

Bequests.....	\$300.00	Cash in treasury July 7, 1930.....	\$300.00
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MUNICIPAL INSURANCE FUND

	Savings Deposits	Total
On hand at beginning of year 1929.....	\$21,889.08	\$21,889.08
On hand at end of year 1929.....	26,304.52	26,304.52
On hand July 7, 1930.....	26,304.52	26,304.52

Receipts

Payments

1929

Income.....	\$ 915.44	Deposited in savings bank..	\$4,415.44
Town appropriation.....	3,500.00		
	\$4,415.44		\$4,415.44

TOWN OF CHELMSFORD
BALANCE SHEET — JULY 7, 1930

GENERAL ACCOUNT

<u>Assets</u>		<u>Liabilities and Reserves</u>
Cash:		
In office.....	\$1,765.81	
Petty cash—infirmiry.....	50.00	\$133,000.00
Cash discrepancy—Treasurer and Collector.....		5,663.97
Accounts Receivable:		
Taxes:		
Levy of 1926.....	\$4,739.15	
Levy of 1927.....	7,624.68	\$3.73
Levy of 1928.....	14,541.49	108.56
Levy of 1929.....	43,049.78	714.34
Motor Vehicle Excise Taxes 1929..		66.19
Tailings.....		892.82
Due Chelmsford Water District.....		304.84
Due North Chelmsford Fire District.....		174.43
Cemetery Perpetual Care Bequests.....		16.30
Unpaid Order.....		300.00
Sale of Real Estate.....		40.00
Surplus War Bonus Fund.....		1,675.00
Reserve Fund—Overlay Surplus.....		3,104.95
Overlays Reserved for Abate-ments:		
Levy of 1926.....		\$374.87
Levy of 1927.....		32.53
Levy of 1928.....		281.35
Levy of 1929.....		120.18
Revenue 1930.....	\$251,523.49	
Less Estimated Receipts Collected...	10,935.08	
	240,588.41	808.93

Accounts Overdrawn:					
Maturing Debt and Interest.....	\$27,291.26				
Cemetery Perpetual Care Income.....	.62				
		27,291.88			
Unexpended Appropriation Balances.....					133,571.49
Revenue Reserved until Collected:					
Special Assessment.....				\$7.88	
Motor Vehicle Excise Tax.....				2,227.68	
Departmental.....				1,377.04	
Tax Title.....				846.85	
Surplus Revenue.....				4,459.45	
				57,379.74	
				<u>\$370,516.77</u>	

DEBT ACCOUNTS

Net Funded or Fixed Debt.....	\$119,160.00				
High School Loan.....				\$19,500.00	
Westland School Loan.....				5,000.00	
East Chelmsford School Loan.....				8,000.00	
New Grammar School Loan.....				86,660.00	
				<u>\$119,160.00</u>	

TRUST ACCOUNTS

Trust and Investment Funds:					
Cash and Securities.....	\$53,643.52				
Adams Emerson Library Fund.....				\$254.15	
Joseph Warren Library Fund.....				1,853.43	
Selma G. Richardson Library Fund.....				373.32	
The George Library Fund.....				2,106.72	
Cemetery Care and Improvement Fund.....				125.18	
Aaron George Cemetery Fund.....				1,010.50	
Cemetery Perpetual Care Fund.....				21,615.70	
Municipal Insurance Fund.....				26,304.52	
				<u>\$53,643.52</u>	

Warrant for Annual Town Meeting

February 2, 1931 and February 9, 1931

COMMONWEALTH OF MASSACHUSETTS

MIDDLESEX, SS.

To Harold C. King, Constable of the Town of Chelmsford.

GREETING :

In the name of the Commonwealth aforesaid you are hereby requested to notify and warn the legal voters of said Chelmsford to meet in their several Polling Places, viz :

- Precinct 1, Town Hall, Chelmsford Centre.
- Precinct 2, Town Hall, North Chelmsford.
- Precinct 3, Fire House, West Chelmsford.
- Precinct 4, School House, East Chelmsford.
- Precinct 5, Liberty Hall, South Chelmsford.
- Precinct 6, Golden Cove School House, Westlands,

on Monday the SECOND DAY OF FEBRUARY, 1931, being the first Monday in said month, at 12 o'clock noon, for the following purposes ;

To bring in their votes for the following officers :

- Moderator for one year.
- One Selectman for three years.
- One Member of the Board of Public Welfare for three years.
- Treasurer and Tax Collector for one year.
- One Assessor for three years.
- Tree Warden for one year.
- One member of the Board of Health for three years.
- One Park Commissioner for three years.
- One School Committeeman for three years.
- One Cemetery Commissioner for three years.
- Two Trustees of Adams Library for three years.
- One Insurance Fund Commissioner for three years.
- One Constable for one year.

All on one ballot.

The polls will be open from 12 noon to 8 P. M. and to meet in the Town Hall at Chelmsford Centre on the following MONDAY, THE NINTH DAY OF FEBRUARY, at 9.30 o'clock in the forenoon, then and there to act upon the following articles, viz :

ARTICLE 1. To hear reports of Town officers and committees ; or act in relation thereto.

ARTICLE 2. To raise and appropriate such sums of money as may be required to defray Town charges for the current year.

ARTICLE 3. To see if the Town will authorize the Selectmen to act as its agent in any suit or suits which may arise during the current year ; also in such other matters as may arise requiring in their judgment the action of such agent, and to employ counsel therefor ; or act in relation thereto.

ARTICLE 4. To see if the Town will authorize the Treasurer, with the approval of the Selectmen, to borrow money in anticipation of the revenues of the current financial year.

ARTICLE 5. To see if the Town will vote to raise and appropriate a sum not exceeding Two Thousand Dollars to be used as a Reserve Fund at the discretion of the Finance Committee, as provided in General Laws, Chapter 40, Section 6 ; or act in relation thereto.

ARTICLE 6. To see if the Town will vote to raise and appropriate the sum of Four Hundred Dollars, or what other sum, for State Aid ; or act in relation thereto.

ARTICLE 7. To see if the Town will vote to raise and appropriate a sufficient sum with which to meet unpaid bills of 1930 ; or act in relation thereto.

ARTICLE 8. To see if the Town will vote to authorize the Selectmen to contract with the Lowell Electric Light Corporation for the following additional lights, and raise and appropriate sufficient money to defray the expense thereof, viz :

Five lights on Parker Village Road.
Two lights on Sunset Avenue.
Two lights on the Old Westford Road.
Three lights on the Groton Road.
Two lights on Manahan Street.
Six lights on the Littleton Road.
Two lights on Middlesex Street; or act in relation thereto.

ARTICLE 9. To see if the Town will vote to raise and appropriate the sum of Fifteen Dollars for the purpose of defraying the expense of services rendered in the matter of a tax sale of property on Stedman Street; or act in relation thereto.

ARTICLE 10. To see if the Town will vote to raise and appropriate the sum of Fifty Dollars, or some other amount, and elect a director, the money to be expended by and the director to serve in cooperation with the Middlesex County Trustees for County Aid to Agriculture in the work of the Middlesex County Extension Service, under the provisions of Section 40 to 45, Chapter 128, General Laws of Massachusetts.

ARTICLE 11. To see if the Town will raise and appropriate the sum of Six Hundred Dollars, or some other amount, for the purpose of purchasing a truck for the Forest Warden's Department; or act in relation thereto.

ARTICLE 12. To see if the Town will raise and appropriate a sum of money for the purpose of purchasing land for the purpose of establishing a municipal dump at the Westlands; or act in relation thereto.

ARTICLE 13. To see if the Town will raise and appropriate Two Thousand Dollars, or some other amount, for the purpose of purchasing the property known as the Cushing Mill Pond, and three other lots of land adjoining thereto; or act in relation thereto.

ARTICLE 14. In the event of an affirmative vote under Article 13, to see if the Town will vote to raise and appropriate the sum of Fifteen Hundred Dollars, or some other amount, for the purpose of putting the said Cushing Mill Pond property and the adjoining lots of land in suitable condition; or act in relation thereto.

ARTICLE 15. To see if the Town will vote to raise and appropriate Three Hundred Dollars, or some other amount for the purpose of purchasing land for the purpose of establishing a municipal dump at North Chelmsford; or act in relation thereto.

ARTICLE 16. To see if the Town will vote to accept from Fred E. Varney, M.D., the gift of a certain lot of land situated in Chelmsford, in that part called North Chelmsford, being lot numbered 155 on a plan entitled, "Plan of Land in North Chelmsford belonging to the Thomas J. Adams Estate and Charles W. S. Adams, surveyed July and September 1892, Melvin B. Smith Civil Engineer." Said plan is recorded in the registry of deeds for the Northern District of Middlesex County, Book of Plans 44, Plan 7. Subject however, to the express reservation and condition that said land is to be forever kept open as and for a public playground or recreation center under the provisions of Chapter 45, Section 14 of the General Laws; or act in relation thereto.

ARTICLE 17. To see if the Town will vote to raise and appropriate the sum of Two Thousand Dollars, or some other amount, the same to be expended on the Varney Playground; or act in relation thereto.

ARTICLE 18. To see if the Town will vote to raise and appropriate the sum of Four Hundred Dollars, or some other amount, for the purpose of erecting a flagpole on the Common in the South Village; or act in relation thereto.

ARTICLE 19. In the event of an affirmative vote under Article 18, to see if the Town will vote to raise and appropriate the sum of Twenty-five Dollars for the purpose of purchasing a flag for the pole at the South Village; or act in relation thereto.

ARTICLE 20. To see if the Town will amend its by-laws by adding to same the following section. Section 11. "The following streets and parts of streets are hereby declared to constitute through streets for the purpose of this section;
Boston Road from the Billerica line to Central Square.
North Road from its intersection with Westford Street to Princeton Street;" or act in relation thereto.

ARTICLE 21. In the event of an affirmative vote under Article 20 to see if the Town will vote to raise and appropriate the sum of One Thousand and Fifty Dollars, or some other amount, for the purpose of posting through ways as set forth in Article 20; or act in relation thereto.

ARTICLE 22. To see if the Town will vote that its Selectmen be instructed to formulate and adopt by-laws for the regulation of traffic in the Town of Chelmsford under the authority of Chapter 357, Acts of 1928 of the Commonwealth of Massachusetts; or act in relation thereto.

ARTICLE 23. To see if the Town will vote to raise and appropriate the sum of Three Thousand Dollars, or some other amount for the purpose of extending the width of a portion of the Groton Road. The County and Commonwealth each to contribute a similar amount; or act in relation thereto.

ARTICLE 24. To see if the Town will vote to raise and appropriate the sum of One Thousand Dollars, or some other amount for the purpose of improving curves on the Riverneck Road. The County and Commonwealth each to contribute a similar amount; or act in relation thereto.

ARTICLE 25. To see if the Town will vote to raise and appropriate the sum of Seventy-five Hundred Dollars, or some other amount, for the purpose of purchasing a triple combination fire pump or pumper, so-called, for the use of the fire department in the North Village; or act in relation thereto.

ARTICLE 26. In the event of a negative vote under Article 25 to see if the Town will vote to raise and appropriate the sum of Two Thousand Dollars, or some other amount for the purpose of repairing the fire truck located at the North Village; or act in relation thereto.

ARTICLE 27. To see if the Town will vote to raise and appropriate the sum of One Hundred and Fifty-four Dollars and Seventy-five Cents for the purpose of reimbursing Harold L. Crosby for the loss of an out-board motor loaned to the Chelmsford Police Department; or act in relation thereto.

- ARTICLE 28. To see if the Town will vote to raise and appropriate the sum of Seventeen Hundred and Fifty Dollars, or some other amount, for the purpose of providing the Adams Library property with edgestones on Adams Avenue, and building sidewalks on South Street and Adams Avenue, and completing the cement drip apron around the older portion of the building; or act in relation thereto.
- ARTICLE 29. To see if the Town will raise and appropriate the sum of Seventy-five Dollars for the purchase of office equipment for the Police Department; or act in relation thereto.
- ARTICLE 30. To see if the Town will raise and appropriate the sum of Five Hundred and Twenty-five Dollars, or some other amount, for the purpose of purchasing an automobile for the Police Department; or act in relation thereto.
- ARTICLE 31. To see if the Town will vote to accept C Street as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 32. To see if the Town will vote to accept B Street as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 33. To see if the Town will vote to accept Stearns Street as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 34. To see if the Town will vote to accept Twist Road as laid out by the Selectmen as shown by their report duly filed in the office of the Town Clerk; or act in relation thereto.
- ARTICLE 35. To see if the Town will raise and appropriate the sum of Five Thousand Dollars, or some other amount, for the purpose of establishing a Memorial Flag pole in the Centre Village; to be dedicated to the Citizens of Chelmsford who served in the Civil War, Spanish American War, and the World War, as recommended by the committee appointed under Article 15 in the Town Warrant, February 15, 1930; or act in relation thereto.

ARTICLE 36. In the event of an affirmative vote under Article 20, to see if the Town will vote to appoint a committee to cause plans to be made and grant authority to said committee to award contracts and expend the money appropriated under the aforesaid Article 20; or act in relation thereto.

ARTICLE 37. To see if the Town will vote to raise and appropriate the sum of Three Thousand Dollars, or some other amount for the purpose of reconstructing the Westford Road. The County and Commonwealth each to contribute a similar amount; or act in relation thereto.

ARTICLE 38. To see if the Town will vote to raise and appropriate the sum of Fifteen Hundred Dollars, or some other amount, for the purpose of paying land damages and defraying the cost of relocating a portion of the Carlisle-Concord Road; or act in relation thereto.

ARTICLE 39. To see if the Town will vote to amend its by-laws by adding to same the following section. Section 12: "The offices of the Town Treasurer and Tax Collector and the records and books incident thereto, shall be located in the Town Hall at the Centre Village"; or act in relation thereto.

ARTICLE 40. To see if the Town will vote to amend its by-laws by adding to the same the following section. Section 13: "The Board of fire engineers may furnish on such occasions and to such extent as they deem advisable, the assistance of the Chelmsford fire department to another city, town, or fire district in extinguishing fire therein; or act in relation thereto.

ARTICLE 41. To see if the Town will vote to raise and appropriate the sum of \$78.09 to care for a deficit in the Election and Registration Department in the year 1930; or act in relation thereto.

ARTICLE 42. To see if the Town will vote to raise and appropriate the sum of \$13.67 for the purpose of caring for a deficit in the Board of Health salaries appropriation in the year 1930; or act in relation thereto.

ARTICLE 43. To see if the Town will vote to raise and appropriate the sum of Thirty Dollars, or some other amount, for the purpose of purchasing a fire alarm tapper for the Police Department; or act in relation thereto.

ARTICLE 44. To see if the Town will vote and appropriate the sum of \$100 or some other amount, for the purpose of defraying the legal expenses and engineer's expenses incident to any purchase of real estate authorized under Articles 12, 13, and 15, of the within Warrant; or act in relation thereto.

AND YOU ARE DIRECTED to serve this Warrant, by posting attested copies thereof at the Post Offices in the Centre of the Town, South Chelmsford, North Chelmsford, and West Chelmsford and at the schoolhouse, East Chelmsford and the Golden Cove schoolhouse, Westlands, seven days at least before the time appointed for holding the first meeting aforesaid.

HEREOF FAIL NOT, and make return of this Warrant, with your doings thereon to the Town Clerk, at the time and place of holding this meeting aforesaid.

Given under our hands this 12th day of January in the year of our Lord nineteen hundred and thirty-one.

ELIPHALET G. BROWN
FRANK J. LUPIEN
ROYAL SHAWCROSS
Selectmen of Chelmsford.

A true copy: Attest
HAROLD C. KING,
Constable.

REPORT OF FINANCE COMMITTEE

Feb. 9, 1931.

To the Voters of the Town of Chelmsford:—

The Finance Committee submits herewith its recommendations for the year 1931.

In making appropriations for the current year, the voters should bear in mind that we have lost approximately five hundred thousand dollars in valuation, mostly on account of decreases in the valuations of the mill property at North Chelmsford, and there is no immediate prospect of any considerable amount of new property to offset the loss.

The Finance Committee have recommended cuts in the appropriations wherever possible, but an increase in the tax rate in the near future is inevitable even with the utmost economy.

The total appropriations recommended this year amount to \$240,775.00, as compared to \$248,473.00 recommended last year. This amount does not include state and county taxes, interest on outstanding debts and retirement of outstanding loans.

The Finance Committee estimate that if the amounts recommended are appropriated the tax rate will be about \$31.00 per thousand.

ARTICLE 2. To raise and appropriate such sums of money as may be required to defray Town charges for the current year.

The Finance Committee recommend that the following sums be raised and appropriated for the purposes of Article 2.

GENERAL GOVERNMENT

Moderator's Salary.....	\$ 10.00
Selectmen's Salaries as follows:	
Chairman	280.00
Members	470.00
Selectmen's Expenses.....	200.00
Town Clerk and Accountant Salary.....	2,000.00
Town Clerk and Accountant Expenses.....	200.00
Collector and Treasurer's Salary.....	2,000.00
Collector and Treasurer's Expenses.....	300.00
Treasurer's Bond	535.70
Assessor's Salaries as follows:	
Chairman and Clerk.....	1,300.00
Members	700.00
Assessors' Expenses	350.00
Town Counsel Salary.....	300.00
Election and Registration.....	600.00
Finance Committee Expenses.....	20.00
Public Buildings—Janitors' Salaries.....	950.00
Public Buildings—Fuel, Light and Water.....	725.00
Public Buildings—Other Expense.....	500.00
Total General Government.....	\$ 11,440.70

PROTECTION—PERSONS AND PROPERTY

Police Department	\$ 7,200.00	
Fire Department Administration.....	3,800.00	
Fire Department Maintainance.....	3,800.00	
Fire Department Labor & Expense at Fires.....	600.00	
Hydrant Service, Center.....	750.00	
Hydrant Service, No. Chelmsford.....	750.00	
Hydrant Service, West Chelmsford.....	20.00	
Sealer Weights & Measures.....	200.00	
Moth Department	2,000.00	
Tree Warden.....	200.00	
Forest Fire Department.....	1,000.00	
		<hr/>
Total Protection Persons and Property.....		\$ 20,320.00

HEALTH AND SANITATION

Board of Health Salaries.....	\$ 500.00	
Board of Health—Agent's Salary.....	350.00	
Board of Health—Aid.....	300.00	
Board of Health—Maintenance.....	200.00	
Board of Health—Meat Inspector's Salary.....	675.00	
Board of Health—Milk Inspector's Salary.....	350.00	
Board of Health—Care Warren Ave. Dump.....	100.00	
Board of Health—Physicians' Salaries.....	100.00	
		<hr/>
Total Health and Sanitation.....		\$ 2,575.00

HIGHWAYS

Superintendent's Salary.....	\$ 2,500.00	
General Highway	19,000.00	
Truck Maintenance.....	2,100.00	
Oil	8,000.00	
Cutting Brush	1,000.00	
Street Signs	150.00	
Street Lighting	16,117.96	
		<hr/>
Total Highways		\$ 48,867.96

PUBLIC WELFARE

Overseers' Salaries as follows:		
Chairman	\$ 125.00	
Members	200.00	
Overseers' Maintenance	20.00	
Outside Poor	12,500.00	
Infirmery Superintendent's Salary.....	900.00	
Infirmery Expenses	2,400.00	
Infirmery Repairs	200.00	
Soldiers' Relief	500.00	
		<hr/>
Total Public Welfare.....		\$ 16,845.00

SCHOOL DEPARTMENT

Administration	\$ 4,450.00	
Instruction	70,600.00	
New Equipment	500.00	
Operation & Maintenance.....	17,600.00	
Auxiliary Agencies.....	11,400.00	
	<hr/>	
Total School Department.....		\$104,550.00

VOCATIONAL SCHOOL

Tuition, Dog Tax plus.....	\$ 3,000.00
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LIBRARIES

Adams Library	\$ 2,350.00	
North Chelmsford Library.....	1,200.00	
	<hr/>	
Total for Libraries.....		\$ 3,550.00

RECREATION AND UNCLASSIFIED

Parks	\$ 1,000.00	
Memorial Day	300.00	
Town Clock	30.00	
Public Buildings Insurance.....	545.00	
Band Concerts	400.00	
Insurance Sinking Fund.....	3,500.00	
Bond Treasurer Sinking Fund.....	40.00	
Animal Inspector	200.00	
Town Reports		
	<hr/>	
Total Recreation and Unclassified.....		\$ 6,015.00

CEMETERIES

Commissioners' Salaries	\$ 105.00	
Forefathers' Cemetery	550.00	
Hart Pond Cemetery	500.00	
Pine Ridge Cemetery.....	500.00	
Riverside Cemetery	500.00	
West Chelmsford Cemetery.....	500.00	
Fairview Cemetery	50.00	
	<hr/>	
Total Cemeteries		\$ 2,705.00
Total amount recommended under Article 2.....		\$217,868.00
Total amount recommended under Article 2, 1930		\$218,832.21

ARTICLE 5. To see if the Town will vote to raise and appropriate a sum not exceeding Two Thousand Dollars to be used as a Reserve Fund at the discretion of the Finance Committee, as provided in General Laws, Chapter 40, Section 6; or act in relation thereto.

The Finance Committee recommend that the sum of Two Thousand Dollars (\$2000) be raised and appropriated for the purposes of this Article.

ARTICLE 6. To see if the Town will vote to raise and appropriate the sum of Four Hundred Dollars, or what other sum, for State Aid; or act in relation thereto.

The Finance Committee recommend that the sum of Four Hundred Dollars (\$400) be so raised and appropriated.

ARTICLE 7. To see if the Town will vote to raise and appropriate a sufficient sum with which to meet unpaid bills of 1930; or act in relation thereto.

The Finance Committee recommend that a sufficient sum be raised to pay all legitimate unpaid bills, and that all over-runs of appropriations be explained by the various Boards. The Committee has not at hand the detail of these bills.

ARTICLE 8. To see if the Town will vote to authorize the Selectmen to contract with the Lowell Electric Light Corporation for the following additional lights, and raise and appropriate sufficient money to defray the expense thereof, viz:

Five lights on Parker Village Road.

Two lights on Sunset Avenue.

Two lights on the Old Westford Road.

Three lights on the Groton Road.

Two lights on Manahan Street.

Six lights on the Littleton Road.

Two lights on Middlesex Street; or act in relation thereto.

The Finance Committee recommend that the sum of \$315.00 be raised and appropriated to provide fifteen additional lights at locations to be designated by the Selectmen.

ARTICLE 9. To see if the Town will vote to raise and appropriate the sum of Fifteen Dollars for the purpose of defraying the expense of services rendered in the matter of a tax sale of property on Stedman Street; or act in relation thereto.

The Finance Committee recommend that the sum of Fifteen Dollars be so raised and appropriated.

ARTICLE 10. To see if the Town will vote to raise and appropriate the sum of Fifty Dollars, or some other amount, and elect a director, the money to be expended by and the director to serve in cooperation with the Middlesex County Trustees for County Aid in Agriculture in the

work of the Middlesex County Extension Service, under the provisions of Section 40 to 45, Chapter 128, General Laws of Massachusetts.

The Finance Committee recommend that the sum of Fifty Dollars be so raised and appropriated.

ARTICLE 11. To see if the Town will raise and appropriate the sum of Six Hundred Dollars, or some other amount, for the purpose of purchasing a truck for the Forest Warden's Department; or act in relation thereto.

The Finance Committee recommend that no money be raised, but that the truck now in the possession of the West Chelmsford Fire Department be transferred to the Forestry Department.

ARTICLE 12. To see if the Town will raise and appropriate a sum of money for the purpose of purchasing land for the purpose of establishing a municipal dump at the Westlands; or act in relation thereto.

The Finance Committee recommend that the sum of Five Hundred Dollars (\$500) be raised and appropriated for the purposes of this Article.

ARTICLE 13. To see if the Town will raise and appropriate Two Thousand Dollars, or some other amount, for the purpose of purchasing the property known as the Cushing Mill Pond, and three other lots of land adjoining thereto; or act in relation thereto.

The Finance Committee recommend that this Article be dismissed.

ARTICLE 14. In the event of an affirmative vote under Article 13, to see if the Town will vote to raise and appropriate the sum of Fifteen Hundred Dollars, or some other amount, for the purpose of putting the said Cushing Mill Pond property and the adjoining lots of land in suitable condition; or act in relation thereto.

The Finance Committee recommend that this Article be dismissed.

ARTICLE 15. To see if the Town will vote to raise and appropriate Three Hundred Dollars, or some other amount for the purpose of purchasing land for the purpose of establishing a municipal dump at North Chelmsford; or act in relation thereto.

The Finance Committee recommend that the sum of Three Hundred Dollars (\$300) be so raised and appropriated.

ARTICLE 17. To see if the Town will vote to raise and appropriate the sum of Two Thousand Dollars, or some other amount, the same to be expended on the Varney Playground; or act in relation thereto.

The Finance Committee recommend that the sum of Two Thousand Dollars be so raised and appropriated.

ARTICLE 18. To see if the Town will vote to raise and appropriate the sum of Four Hundred Dollars, or some other amount, for the purpose of erecting a flag pole on the Common in the South Village; or act in relation thereto.

The Finance Committee recommend that the sum of Four Hundred Dollars (\$400) be so raised and appropriated.

ARTICLE 19. In the event of an affirmative vote under Article 18, to see if the Town will vote to raise and appropriate the sum of Twenty-five Dollars for the purpose of purchasing a flag for the pole at the South Village; or act in relation thereto.

The Finance Committee recommend that the sum of Twenty-five Dollars (\$25) be so raised and appropriated.

ARTICLE 21. In the event of an affirmative vote under Article 20 to see if the Town will vote to raise and appropriate the sum of One Thousand and Fifty Dollars, or some other amount, for the purpose of posting through ways as set forth in Article 20; or act in relation thereto.

The Finance Committee recommend that the sum of One Thousand and Fifty Dollars be so raised and appropriated.

ARTICLE 23. To see if the Town will vote to raise and appropriate the sum of Three Thousand Dollars, or some other amount for the purpose of extending the width of a portion of the Groton Road. The County and Commonwealth each to contribute a similar amount; or act in relation thereto.

The Finance Committee recommend that the sum of Three Thousand Dollars (\$3000) be so raised and appropriated.

ARTICLE 24. To see if the Town will vote to raise and appropriate the sum of One Thousand Dollars, or some other amount for the purpose of improving curves on the Riverneck Road. The County and Commonwealth each to contribute a similar amount; or act in relation thereto.

The Finance Committee recommend that the sum of One Thousand Dollars (\$1000) be so raised and appropriated.

ARTICLE 25. To see if the Town will vote to raise and appropriate the sum of Seventy-five Hundred Dollars, or some other amount, for the purpose of purchasing a triple combination fire pump or pumper, so-called, for the use of the fire department in the North Village; or act in relation thereto.

The Finance Committee recommend that the sum of Seven Thousand Five Hundred Dollars be so raised and appropriated.

ARTICLE 26. In the event of a negative vote under Article 25 to see if the Town will vote to raise and appropriate the sum of Two Thousand Dollars, or some other amount for the purpose of repairing the fire truck located at the North Village; or act in relation thereto.

The Finance Committee recommend that this Article be dismissed.

ARTICLE 27. To see if the Town will vote to raise and appropriate the sum of One Hundred and Fifty-four Dollars and Seventy-five cents for the purpose of reimbursing Harold L. Crosby for the loss of an out-board motor loaned to the Chelmsford Police Department; or act in relation thereto.

The Finance Committee recommend that the sum of \$154.75 be so raised and appropriated.

ARTICLE 28. To see if the Town will vote to raise and appropriate the sum of Seventeen Hundred and Fifty Dollars, or some other amount, for the purpose of providing the Adams Library property with edge stones on Adams Avenue, and building sidewalks on South Street and Adams Avenue, and completing the cement drip apron around the older portion of the building; or act in relation thereto.

The Finance Committee recommend that this Article be dismissed.

ARTICLE 29. To see if the Town will raise and appropriate the sum of Seventy-five Dollars for the purchase of office equipment for the police department; or act in relation thereto.

The Finance Committee recommend that the sum of Seventy-five Dollars (\$75) be so raised and appropriated.

ARTICLE 30. To see if the Town will raise and appropriate the sum of Five Hundred and Twenty-five Dollars, or some other amount, for the purpose of purchasing an automobile for the police department; or act in relation thereto.

The Finance Committee recommend that this Article be dismissed.

ARTICLE 35. To see if the Town will raise and appropriate the sum of Five Thousand Dollars, or some other amount, for the purpose of establishing a Memorial Flagpole in the Centre Village; to be dedicated to the Citizens of Chelmsford who served in the Civil War, Spanish-American War, and the World War, as recommended by the committee appointed under Article 15 in the Town Warrant, February 15, 1930; or act in relation thereto.

The Finance Committee feel that this Article be referred back to the Committee for further consideration, and feel that some different form of memorial might be adopted.

ARTICLE 37. To see if the Town will vote to raise and appropriate the sum of Three Thousand Dollars, or some other amount for the purpose of reconstructing the Westford Road. The County and Commonwealth each to contribute a similar amount; or act in relation thereto.

The Finance Committee recommend that the sum of One Thousand Dollars be so raised and appropriated.

ARTICLE 38. To see if the Town will vote to raise and appropriate the sum of Fifteen Hundred Dollars, or some other amount, for the purpose of paying land damages and defraying the cost of relocating a portion of the Carlisle-Concord Road; or act in relation thereto.

The Finance Committee recommend that the sum of \$1500 be so raised and appropriated.

ARTICLE 39. To see if the Town will vote to amend its by-laws by adding to same the following section. Section 12: "The offices of the Town Treasurer and Tax Collector and the records and books incident thereto, shall be located in the Town Hall at the Centre Village"; or act in relation thereto.

The Finance Committee heartily endorse this Article.

ARTICLE 41. To see if the Town will vote to raise and appropriate the sum of \$78.09 to care for a deficit in the Election and Registration Department in the year 1930; or act in relation thereto.

The Finance Committee recommend that the sum of \$78.09 be so raised and appropriated.

ARTICLE 42. To see if the Town will vote to raise and appropriate the sum of \$13.67 for the purpose of caring for a deficit in the Board of Health salaries appropriation in the year 1930; or act in relation thereto.

The Finance Committee recommend that the sum of \$13.67 be so raised and appropriated.

ARTICLE 43. To see if the Town will vote to raise and appropriate the sum of Thirty Dollars, or some other amount, for the purpose of purchasing a fire alarm tapper for the police department; or act in relation thereto.

The Finance Committee recommend that the sum of Thirty Dollars (\$30) be so raised and appropriated.

ARTICLE 44. To see if the Town will vote and appropriate the sum of \$100 or some other amount, for the purpose of defraying the legal expenses and engineer's expenses incident to any purchase of real estate authorized under Articles 12, 13 and 15, of the within warrant; or act in relation thereto.

The Finance Committee recommend that the sum of \$100 be so raised and appropriated.

GEO. W. DAY
GEO. E. GAGNON
JAMES A. GRANT
J. C. MONAHAN
EMILE PAIGNON
BIRGER PETTERSON
Finance Committee.

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ANNUAL REPORT
OF THE
SCHOOL COMMITTEE

AND THE
Superintendent of Schools
OF CHELMSFORD, MASS.

FOR THE SCHOOL YEAR ENDING DECEMBER 31

1930

SCHOOL COMMITTEE

- J. EARL WOTTON, Chairman.....Term Expires 1931
North Chelmsford.
- JOHN A. McADAMS, Financial-Secretary.....Term Expires 1932
Westlands.
- EDWARD B. RUSSELL, Secretary.....Term Expires 1933
Chelmsford.

SUPERINTENDENT

- GEORGE S. WRIGHT, A.B.....Office in McFarlin School
Chelmsford.

SCHOOL PHYSICIANS

- ARTHUR G. SCOBORIA, M.D.....Chelmsford
- FRED E. VARNEY, M.D.....North Chelmsford

SCHOOL NURSE

- (MRS.) MAE S. LEWIS, R.N.....Office in McFarlin School

ATTENDANCE OFFICERS

- HAROLD C. KING.....Chelmsford
- BERNARD McGOVERN.....North Chelmsford

SCHOOL CALENDAR

The school year is divided into a fall term ending at the Christmas vacation, and three terms after the holidays.

Fall term from September 2, 1930 to December 23, 1930.

Second term from January 5, 1931 to February 20, 1931.

Third term from March 2, 1931 to April 17, 1931.

Fourth term from April 27, 1931 to June 26, 1931.

The school year of 1931-1932 will open on Tuesday, September 8.

NO SCHOOL SIGNAL

In case of extremely bad storms or of roads dangerous because of ice, a signal for no school is given on the fire alarms at the Center, North, West, South, and East, three blasts, repeated three times. When given at 7.15 there are no sessions for the day. The signal at 11.15 indicates no afternoon session for the grades.

TEACHERS

The table shows the teachers at the beginning of the school year 1930-31, the position held, the date when service in Chelmsford began, and the institutions in which they prepared.

HIGH SCHOOL

Lucian H. Burns, A.M., Principal, Sept., 1930, University of New Hampshire, Columbia.
C. Edith McCarthy, Vice-Principal, Commercial, Sept., 1923, Salem Normal.
F. Christine Booth, B.A., Latin, Math., Sept., 1927, Colby.
Edith M. Donahoe, A.B., English, History, Sept., 1927, Smith.
Hilda B. Dunigan, B.S.E., Commercial, Sept., 1928, Salem Normal.
Anna B. Monahan, B.S.S., English, Sept., 1928, Boston University.
Daisy B. MacBrayne, English, Sept., 1929, Boston University.
Procter P. Wilson, B.S., Science, Feb., 1930, M.I.T.
George R. Knightly, A.B., Social Science, Sept., 1930, Aurora.
Helen R. Walter, B.A., French, Sept., 1930, Middlebury, Sorbonne.
Morris L. Burdick, A.B., Math., Science, Sept., 1930, Tufts.

McFARLIN

Louis O. Forrest, Principal, VIII, Sept., 1926, Gorham Normal.
(Mrs.) Eva L. Dobson, VII, Nov., 1919, Plymouth Normal.
M. Beryl Rafuse, VI, Sept., 1920, Truro Normal.
Helena B. Lyons, V, Sept., 1920, North Adams Normal.
Emily Hehir, IV, Sept., 1928, Lowell Normal.
Estelle M. Buckley, III, Sept., 1926, Lowell Normal.
(Mrs.) Esther R. Nystrom, II, Dec., 1911, Lowell Normal.
Eva M. Large, I, Sept., 1917, Lowell Normal.

EAST

Harry Y. Hilyard, Principal, VII-VIII, Sept., 1930, Gorham Normal.
(Mrs.) Jessie F. Brown, V-VI, April, 1930, Boston University.
Ruth J. Harris, III-IV, Sept., 1930, Lowell Normal.
Elna L. Reis, I-II, Sept., 1930, Lowell Normal.

HIGHLAND AVENUE

Harry J. Kane, B.S., in Education, Principal, VII-VIII, Sept., 1929, Bridge-water Normal.
Ella Bailey, V-VI, Sept., 1925, Farmington Normal.
Lottie M. Agnew, III-IV, Sept., 1923, Lowell Normal.
Katherine G. Dewire, I-II, Jan., 1921, Lowell Normal.

PRINCETON STREET

Gertrude A. Jones, Principal, VIII, Sept., 1899, Salem Normal.
Ella A. Hutchinson, VII, Sept., 1905, Framingham Normal.
(Mrs.) Elsa Reid, VI, Sept., 1922, Lowell Normal.
May D. Sleeper, V, March, 1907, Chelmsford High and Extension Course.
(Mrs.) Lilla B. McPherson, IV, Sept., 1920, Framingham Normal.
Genevieve E. Jantzen, III, Sept., 1911, Lowell Normal.
Helen C. Osgood, II, Sept., 1921, Lowell Normal.
Catherine J. McTeague, I, Sept., 1927, Lowell Normal.

QUESSY

V. John Rikkola, Principal, VII-VIII, Sept., 1930, Salem Normal.
Bertha H. Long, V-VI, April, 1896, Salem Normal.
Edith M. Grant, III-IV, April, 1925, Salem Normal.
Jane E. McEnaney, I-II, Sept., 1926, Lowell Normal.

SOUTH

Myrtle Greene, III-IV-V, Sept., 1928, Lowell Normal.
Hazel R. Young, I-II, Sept., 1930, Lowell Normal.

SOUTH ROW

Mary D. McEnaney, I-II-III-IV, Sept., 1928, Lowell Normal.

WESTLANDS

H. Jean Rafuse, Principal, VII-VIII, Sept., 1920, Martin's Point, N. S.,
High School.
Vera G. Rafuse, V-VI, Sept., 1921, Truro Normal.
Mayme G. Trefry, III-IV, Sept., 1921, Truro Normal.
(Mrs.) Marion S. Adams, I-II, Jan., 1928, Lowell Normal.
Mary H. Ryan, Bldg. Asst., Sept., 1930, Lowell Normal.

SUPERVISORS

Charlotte L. Hyde, Music, Oct., 1927, Lowell Normal.
Robert A. LaFountain, Physical Education, Sept., 1929, Springfield College.

TRANSPORTATION

George W. Marinel, North Chelmsford.

JANITORS

High School, C. O. Robbins, Chelmsford Center.
McFarlin, Otis Brown, South Chelmsford.
East, Bernard McLoughlin, East Chelmsford.
Highland Avenue, Edward Fallon, North Chelmsford.
Princeton Street, John Matson, North Chelmsford.
Quessy, John Boutilier, West Chelmsford.
South, E. Dyer Harris, South Chelmsford.
South Row, Mrs. Hildur Smith, Chelmsford Center.
Westlands, Charles Stearns, Chelmsford Center.

REPORT OF THE SCHOOL COMMITTEE—1930

To the Citizens of the Town of Chelmsford :

We herewith submit the report of the School Committee for the year 1930.

We sincerely urge the citizens to read carefully the extensive Report of the Superintendent of Schools and to study the figures of costs which he presents. We believe a report of this type once in five years would be very valuable.

The most important matter before the voters, so far as the School Department is concerned, is the report of a special committee covering the subject of an addition to the High School. The matter is fully discussed by the Superintendent and Principal in their reports and some action will be necessary in the near future. We do not consider it feasible to use the vacant rooms in the McFarlin School for High School classes. Such an arrangement would require both pupils and teachers to travel back and forth between the buildings. It would also necessitate the installation of a clock and bell system in the two schools, so that classes could be called simultaneously. There will not be room in the McFarlin School for one entire High School class, since one or more of the rooms now vacant must be used for Elementary pupils. We believe the cost of maintaining the High School in two buildings would be excessive as well as extremely inconvenient. At best, it would be only a temporary procedure.

We are half way through the contract for transportation, and thus far, we believe the change in system has fully justified itself. The increase in number of pupils has been surprising, and apparently the number will be larger in the future. We have escaped serious accidents, but in carrying 500 pupils daily, accidents might occur in any system used.

The McFarlin School was dedicated with simple exercises by school pupils early in the fall. Many of Miss McFarlin's friends and former pupils were present.

We express appreciation for the co-operation of the Parent-Teachers Association. Especially in the promotion of health, their services are invaluable. Their relations with the School Department have been friendly and harmonious.

We feel that the town has been exceedingly fortunate in having a man at the head of the School Department with the ability, high character, and personality of Mr. George S. Wright. Under his administration, the School Department has steadily climbed to a point of high efficiency, and we trust it will be our good fortune to keep him for many years to come.

The teaching staff is, we believe, of a high order of merit. We have accepted, with regret, the resignations of a number of teachers, and the filling of their positions has been a very difficult task. We are of the opinion that the standard of teaching in the department, as a whole, is improving.

The janitors are rendering faithful and efficient service. The skill with which most of them make small repairs during the year and their work in the summer vacation, save considerable on repair bills.

A summary of the major repairs during the year will be found in the Superintendent's Report.

We have endeavored, at all time, to give the taxpayers of Chelmsford a business-like and economical administration of their Schools.

Respectfully submitted,

J. EARL WOTTON,

JOHN A. McADAMS,

EDWARD B. RUSSELL,

School Committee.

REPORT OF SUPERINTENDENT

To the School Committee:

Herewith is submitted my third annual report, the 57th in the series, together with reports made to me by the Principal of the High School, the supervisors, and the nurse. These I endorse as a part of my report.

Included in the School Department section of this Town Report is given, also, the report of the committee appointed at the last annual meeting, with their recommendations. In this connection I would call attention to pages 94-97 of last year's report, dealing with the crowded conditions in certain buildings. The special committee has given careful consideration to all phases of the problem involved, and recommends that the four-year type of high school be maintained, following the present elementary course of eight years, and that the High School be enlarged to remedy the present overcrowded condition and to provide for the future. This report and the recommendations I endorse. The High School is practically of the same size as last year's school. We have crowded into the Westlands building 20 pupils more than we had last year. That section is growing every year. It is almost a certainty that at least one grade must be brought from that school to the McFarlin next September, and possibly two. The Town is faced by the immediate necessity of providing additional accommodations in some way, and in the opinion of the special committee, in which I fully concur, the most satisfactory way, and in the long run the most economical, is by adding to the present High School. Citizens who can find opportunity to do so before the date for the annual meeting are urged to visit the High School and the Westlands *while the schools are in session*, in order that they may judge conditions for themselves.

Following my custom of emphasizing one or two features of school administration each year, I am in this report presenting a study of school costs, comparing expenditures in Chelmsford with those in other places, and also discussing in detail how our school money is used.

COMPARATIVE SCHOOL COSTS

The Department of Education publishes annually the financial and statistical returns made by the towns and cities of the Commonwealth, divided into four groups: cities, towns over 5,000 in population, towns under 5,000 which maintain high schools, and towns under 5,000 without high schools. The comparison below is based on the report of November 30, 1930, for the school year ending June 30, 1930. Chelmsford is in Group II, which contains 79 towns. The towns of the group differ so much, especially in wealth, that a comparison of the entire 79 towns has little weight. To show the difference, Brookline, first in the group in population, has approximately six and one-half times the people of Chelmsford, four times as many children in school, and over twenty-one times the wealth.

In order to present data from places that can reasonably be considered in the same class, I have selected 20 towns, 18 from Group II, and Billerica and Westford from Group III. These towns are all under 8,000 in population by the state census of 1925; have less than \$9,000,000 valuation as of April 1, 1929, except Billerica; have a school membership over 1,000, except Westford; and have a valuation per pupil under \$7400. All wealthier towns under 8,000

in population are omitted, and also towns having less than 1,000 pupils, except the neighboring town of Westford. Statistics for these towns are given on page 74, and should be read as follows, using our own town as an illustration: Chelmsford had a population of 6,573 in 1925; its valuation in 1929 was \$7,591,870; the number of pupils in net average membership was 1,382; the valuation per pupil (valuation divided by number of pupils) was \$5,493; the expenditure for administration, or general control, was \$4,397.59; for instruction, including salaries of teachers and supervisors, books and supplies, school libraries, and tuition, was \$68,365.11; for operation of the school plant and maintenance of buildings and grounds, \$18,002.82; for promotion of health, \$2,282.51; for transportation \$9,230.10; for miscellaneous purposes, \$1,018.74; making the total for school support, exclusive of capital outlay, \$103,269.87. Dividing this last amount by the number of pupils gives the cost of support per pupil, \$74.74.

Study of the statistics for these twenty towns shows that Chelmsford is
9th in population;
8th in valuation;
6th or 7th in membership, being tied with Ipswich;
10th in valuation per pupil;
11th in expenditures for administration;
15th in expenditures for instruction;
8th in expenditures for operation and maintenance;
8th in expenditures for health;
4th in cost of transportation;
12th in miscellaneous items;
11th in total for support;
15th in cost per pupil for support.

Consider for a moment the cost per pupil for support, \$74.74. For this amount the school buildings are heated and kept in good condition; teachers, books, and supplies are furnished; the child's health is given attention by a school nurse and physicians, and over a third of the pupils are carried to and from school. This is done for 180 days and the child is in school five hours. That is, reduced to a per pupil per hour basis, the cost is well under ten cents. Do the schools cost too much? Can you better understand the fact that the amount paid by the American people for such luxuries as tobacco, chewing gum, soft drinks, etc., largely exceeds the whole cost of the public school system?

	Population (1925)	Valuation (1929)	Membership	Valuation per Pupil	General Control	Instruction and Tuition	Operation and Maintenance	Health	Transportation	Miscellaneous	Total for Support	Cost per Pupil for Support
Rockland	7,966	\$8,239,724	1,401	\$5,881	\$5,461.18	\$89,050.49	\$20,319.97	\$3,494.97	\$1,816.00	\$3,008.37	\$123,150.98	\$87.90
Maynard	7,857	6,890,465	1,715	4,018	4,998.10	83,134.25	11,336.45	2,408.35	885.56	1,631.25	104,393.96	60.87
Stoughton	7,857	8,475,317	1,322	6,411	6,155.98	76,534.81	19,279.12	2,598.93	4,588.08	0.00	109,156.92	82.57
Whitman	7,857	8,046,140	1,437	5,599	5,220.84	89,807.56	23,577.16	2,061.92	1,586.00	3,085.30	125,338.78	87.22
Concord	7,056	8,279,161	1,134	7,301	7,214.17	107,163.66	20,090.70	2,476.34	8,786.80	1,037.94	146,769.61	129.43
Grafton	6,973	4,702,522	1,193	3,942	4,232.34	69,516.41	14,779.24	1,118.97	12,150.20	1,772.53	103,569.69	86.81
North Andover ..	6,839	8,284,242	1,212	6,835	5,457.13	82,923.53	18,857.50	2,350.34	2,920.00	0.00	112,508.50	92.83
Mansfield	6,590	7,578,284	1,347	5,626	4,969.09	80,860.20	16,481.66	2,116.37	5,873.57	251.72	110,552.61	82.07
Chelmsford	6,573	7,591,870	1,382	5,493	4,397.59	68,365.11	18,002.82	2,282.51	9,230.10	1,018.74	103,296.87	74.74
Millbury	6,441	5,598,153	1,062	5,272	3,759.47	60,008.39	17,989.71	1,300.74	7,183.49	0.00	90,241.80	84.97
Dracut	6,400	4,033,772	1,517	2,659	2,682.16	77,220.76	13,997.69	1,780.48	4,513.22	1,085.89	100,680.20	66.37
Winchendon	6,173	5,582,505	1,172	4,763	3,584.43	70,645.01	18,545.96	2,135.29	7,028.05	183.38	102,122.12	87.14
Uxbridge	6,172	7,152,040	1,111	6,437	2,757.05	58,279.64	8,202.43	191.00	2,974.04	989.09	73,393.25	66.06
Ipswich	6,055	7,544,083	1,382	5,459	5,116.93	73,294.61	8,186.27	1,761.53	5,712.73	2,615.18	96,687.25	69.96
Abington	5,882	5,662,582	1,177	4,811	3,820.23	74,322.46	13,587.90	5,402.56	3,200.00	1,892.61	102,225.76	86.85
Shrewsbury	5,819	7,847,269	1,410	5,565	5,441.30	91,765.82	21,243.60	2,460.43	9,812.37	2,434.81	133,158.33	94.44
Randolph	5,644	5,556,550	1,358	4,092	2,804.65	62,345.29	13,721.22	1,423.23	4,579.30	2,339.15	87,212.84	64.22
Easton	5,333	5,097,645	1,051	4,850	5,222.95	70,567.20	12,171.89	1,999.99	9,087.35	1,875.60	100,924.98	96.03
Billerica	4,913	9,112,115	1,233	7,390	4,419.75	66,099.93	16,067.12	1,317.18	16,480.00	55.50	104,439.48	84.70
Westford	3,571	4,174,876	798	5,232	3,551.02	42,223.57	11,029.26	1,935.00	8,741.75	23.50	67,504.10	84.84

EXPENDITURES FOR 1930

Although the comparison of school costs with those of other towns is interesting, a matter of more importance is a discussion of how Chelmsford expended \$107,467.05 in 1930. In the discussion below a somewhat more detailed analysis is made than is given in the statement of the Town Accountant on page . Per pupil costs are shown, and are compared with the last figures published by the state, which were for the year ending June 30, 1928, and are for the entire state.

ADMINISTRATION

Administration, or general control, is the overhead cost of running the schools. The salary paid the Superintendent for the year was \$3,766.68; expenses of the School Committee, \$350; travelling expenses out of town, \$56.74; truant officers, \$23.50; stationery, postage, and office expense, \$55.39; and telephone, \$21.83; amounting to \$4,274.14. This gives a per pupil cost of \$3.09. In 1928 the state-wide cost of administration was \$3.62.

It will be noted that the telephone charge is low. For the last three years the school has had one of the free telephones given the town. A charge of \$1.00 a month is made for the extension running from the High School to the Superintendent's office in the McFarlin School, and the balance is the cost of tolls.

For three years the school census, taken annually in October, has been handled by the building principals, assisted by the older pupils. This is a method approved by the State. It means little more than that the older pupils secure the names with date of birth of children who are five years old on October 1st, but are not in school. The students in the business practice course in the High School aid in clerical work in the offices of both the High School Principal and the Superintendent. Acknowledgment is made for the assistance rendered by the pupils in the matter of the census and by the students who assist in clerical work.

INSTRUCTION

This is the largest element in school costs, and by far the most important. All other expenditures are made in order that the work of the teachers may be more efficient. By commonly accepted standards the cost of instruction should be not less than two-thirds of the cost of support, and it is often three-fourths. The total in Chelmsford, exclusive of the evening school for adults, was \$69,126.99, or 64%, somewhat less than the accepted minimum. The salaries of the supervisors are included in the table below showing the division of costs.

	High School	Elementary Schools	Total
Salaries	\$18,191.63	\$46,198.67	\$64,390.30
Books	1,080.76	1,697.78	2,778.54
Supplies	810.94	1,147.21	1,958.15
Total	<u>\$20,083.33</u>	<u>\$49,043.66</u>	<u>\$69,126.99</u>

Dividing the amounts in the first column by 286, net membership of the High School, those in the second column by 1,096, and in the last by 1382 gives per pupil costs.

	High School	Elementary Schools	All Schools
Salaries	\$ 63.61	\$ 42.15	\$ 46.59
Books	3.78	1.55	2.01
Supplies	2.84	1.05	1.42
Total	\$ 70.23	\$ 44.75	\$ 50.02

For all day schools in the state in 1928 the cost per pupil for salaries was \$67.53; for books, \$1.60; and for supplies, \$3.01, a total for instruction of \$72.14.

Since salaries make up about 93% of the cost of instruction, it is easily seen from the above, and also from the comparison of school costs in the twenty towns, that the teachers in Chelmsford are by no means overpaid. We cannot expect to be able to compete with city salaries, but it may well be questioned whether in some instances our scale should not be increased.

Since the last report was issued these teachers have gone to better paid positions: - C. Owen Greene to Framingham in February, Mary F. Robinson to Lowell in April; and at the end of the year, Principal H. E. Hobbs to Warwick, R. I., Walter D. Hayes to Cranston, R. I., Ellen F. Devine to Hartford, Conn., William H. McLin to Yarmouth, Mary E. Mooney and Grace G. Sheehan to Lowell, and Earle C. Sutor to Dartmouth. Jeanne M. Low declined reappointment in order to study at the Sorbonne in Paris.

OPERATION AND MAINTENANCE

Under this heading are included all the costs of keeping the buildings clean and heated, in repair, and furnished with water, lights, toilet room supplies, etc. It is clearly evident that the expense of maintaining ten separate school buildings for 1,382 children is greater than would be the cost of housing them in three or four large buildings, with a saving in janitor service, coal, number of roofs to keep up, etc.

There are eight janitors on the payroll, Mr. Robbins being paid for the care of both buildings at the Center. Salaries amounted to \$8,373.76, and supplies, such as brooms, brushes, paper towels and toilet paper, tools, etc., cost \$421.82. Fuel cost \$3,718.22. Lights and power cost \$1,132.74. The High School and the McFarlin School have separate meters for measuring the current used for power, as each of these buildings has a heating and ventilating system requiring several motors. The power bill at the High School was \$492.68, and at the McFarlin School \$162. It should be explained that this use of power is to save coal. If the fans are stopped in the High School for any reason the temperature of the rooms immediately begins to fall, necessitating heavier fires. In the McFarlin School pumps are used in connection with the boilers to cause a partial vacuum in the radiators. The cost of lights ran from an average of about \$40 in the four-room buildings to \$164.85 in the High School. All buildings now have electric lights.

Water cost \$338, running from a minimum of \$12.03 at Highland Avenue

to \$62.70 at the High School, with an unusually large charge of \$147.85 at Princeton Street. The two Fire Districts render bills only once a year for excess of water used. When the bills came in from North Chelmsford Fire District last June it was seen at once that there was a bad leak somewhere. This was immediately located in the plumbing of the new building and stopped, but the bill for water wasted had to be paid. On a per pupil basis the water used at South Row has been most expensive. Since the time when action by the Board of Health caused the use of the well on the school premises to be discontinued, water for drinking purposes has been furnished in carboys. It has cost for the year \$33.50, or over \$1.25 a pupil.

Repairs and replacements cost \$4,406.23. Under the latter heading is included the cost of replacing items of furniture and equipment. For 1930 this consisted of nine typewriters, \$285. Typewriters are bought for school use at \$70 each, and the trade-in allowance at the end of three years runs from \$30 to \$40. By trading in one-third of the machines each year we are enabled to keep the equipment in first class condition at almost no cost for repairs or adjustments.

The major items of repair work for 1930 included: painting, gutters, and roof repairs on the Highland Avenue School, \$640; plumbing and pump at East, \$210; roof and painting two rooms at East, \$216; new pump and motor and changes in return pipes to boiler at South, \$325; new motor for heating system at McFarlin, \$40; changes and extensions of plumbing at the same school so as to provide outside drinking fountains, \$225; steps, grading, and walks at Quessy, \$187; an emergency job on the sewer system at Quessy, in which 4-in. tile were replaced with 6-in., \$254; electric lights at South and South Row, \$116; floors and flag-pole at McFarlin, \$112.

The janitors are engaged on the understanding that they do all minor repair work during the summer. Paints, varnish, etc., for their use cost about \$150. The generally fine condition of the interior of the buildings is due in large part to the work they are doing each year. Necessary small repair bills average about \$125 a month throughout the year. Everybody realizes that school buildings are subjected to hard usage. Construction needs to be of the best if it is to be economical. The value of school buildings and equipment, as estimated by the Board of Assessors, is \$553,000. The town is paying less than one per cent for keeping them in condition.

The total expenditure for Operation and Maintenance, \$18,390.70, divided by the number of pupils gives for a per pupil cost \$13.31, as compared with \$15.48 for the entire state.

AUXILIARY AGENCIES

The large item under this heading is transportation, \$9,000 under the contract, and \$10 for an emergency case. In 1928 454 pupils were carried to and from school; in 1929, the number increased to 480; and this year it is increased again to 535. The routes have not been changed materially. The total daily mileage for the four busses is about 175 miles. Two years ago the three large busses brought all the high school students from West and North Chelmsford. Now all four are required for this purpose, and they are badly crowded. If the number entitled to transportation continues to increase, a

fifth bus will be necessary in the near future. The per pupil cost for the number actually carried is \$16.82, and on the basis of the entire membership, \$6.51. In the entire state in 1928 the cost per pupil based on membership was \$2.48.

For promotion of health the expenditure was \$2,298.20, of which \$600 was the salary of the two school physicians, \$1,583.28 salary of the nurse, and \$104.92 for nurse's supplies. Per pupil cost, \$1.81, against a cost for the state of \$1.36. The report of the nurse gives some details, but no mere table of statistics can adequately describe the energy with which she takes up her daily tasks, the skill with which she handles the many duties she assumes, and the spirit of service which is embodied in all her work. Chelmsford is indeed fortunate in the agents who are looking after the health of the school children, the nurse and all the doctors who have done work in the schools.

NEW EQUIPMENT

Expenditures under this heading are capital costs, and are not included in the items of cost making up school support. During 1930, two typewriters were added to the equipment, one with a special extension carriage, \$161.75; filing cabinet section, \$19; furniture for an additional room at the High School and other new items, \$511.47; two duplicating devices, a Multistamp for the Superintendent's office, \$25, and a Ditto machine for North Chelmsford, \$96.48; a portable phonograph, \$24.50; and two large gymnasium mats, \$81.10, making a total of \$919.30. The lettering on the McFarlin School cost \$143.

Tuition has been paid to Lowell Vocational School and the Evening Vocational School, amounting to \$3,231.51. Such items are not included in the costs used for purposes of comparison.

The state reports to which reference is made in the foregoing, and also other data relating to comparative school costs, are on file in the Superintendent's office and may be consulted by anyone who is interested.

TEACHERS

The table on page 3 gives the names of the teachers, with the dates on which they began service and the institutions in which they prepared. We were able to secure teachers of one or two years' experience for the vacant elementary positions. In the High School, Mr. Burns had had eleven years in High School administration besides other teaching experience, and Mr. Wilson was experienced. The other three new teachers in the High School were without experience. I am pleased to be able to report that without exception the new teachers are rendering satisfactory service.

The work of the teachers who have been serving Chelmsford for periods running from a year or two to over twenty is excellent, and the spirit they show is most commendable. Their desire to improve professionally is marked. Last summer Miss MacBrayne and Mr. Forrest took courses at Boston University; Mr. Wilson at M.I.T.; Mr. Knightly at Harvard; Mrs. Adams and Miss Vera Rafuse at Hyannis Normal. At present Misses Jean, Beryl, and Vera Rafuse, Miss Greene, Miss McTeague, Mrs. Dobson,

Miss Monahan, Miss MacBrayne, and Miss Dunigan are taking either Saturday morning or afternoon courses at B. U. ; Miss McCarthy at Harvard ; and Miss Donahoe, Mrs. Brown, Miss Hehir, Miss Long, Miss Grant, Miss Jane McEnaney, and probably others, are taking University Extension courses in Lowell, or work at Lowell Normal. All this means a better grade of service for Chelmsford school pupils. It speaks well for our teachers that they are willing and eager to spend both time and money in professional growth.

Last spring Principal Weed of Lowell Normal School suggested the possibility of using certain Chelmsford schools for giving third-year students practice in teaching. The first grade room at Princeton Street and the first and second grade room at East Chelmsford were approved for this purpose, and Miss McTeague and Miss Reis have had the assistance of cadet teachers in their large rooms of approximately fifty pupils. These students serve for a period of twelve weeks, and then are replaced by others. The service has proved very valuable to us. The cadet teachers actually take a section of the class and do the teaching, and also assist in playground supervision and in other ways. It is to be hoped that this arrangement with the Normal School may be continued indefinitely. At the Westlands, where two of the rooms were entirely too large for teachers to handle efficiently, a building assistant was engaged, who takes small groups into the teachers' room for instruction. It will be necessary to continue such an arrangement until the crowded condition there is permanently remedied.

I wish to express appreciation for the valuable services rendered some of our boys and girls by persons outside the school department, the 4-H Club leaders and the scout masters. In a very vital way their work supplements the work of the schools, and we are justified in doing all in our power to give them support. The six parent-teacher associations are all doing most excellent work, especially in the line of more closely linking up school with home and community. If one of them were to be singled out for special mention it would be the North Chelmsford Association, which has successfully promoted the matter of an adult evening class for aliens. There is an enrollment of 30, with an average attendance of 24. Most of the members are fathers and mothers of pupils in school. The North Chelmsford Association, the evening school teachers, and the members of the classes are all to be congratulated on the fine start that has been made. The State reimburses the Town to the amount of one-half the expense of the evening school.

To all who have worked with me in the Chelmsford schools during 1930, especially to you who have been charged with the administration, I wish to express thanks for most loyal support.

Respectfully submitted,

GEORGE S. WRIGHT.

REPORT OF HIGH SCHOOL PRINCIPAL

Mr. George S. Wright,
Superintendent of Schools,
Chelmsford, Massachusetts.

My dear Mr. Wright:

As principal of Chelmsford High School I herewith submit this annual report. I sincerely hope that it will answer many questions now in the minds of parents and voters and that it will stimulate the people of Chelmsford to visit our school and see for themselves what we are trying to do.

The enrollment so far this year has reached 310. Of this number 12 have left. One has left because of ill health; 2 have gone to work; 3 have moved out of town and 6 have left because we had no course to offer them in which they were interested.

Besides the principal there are 10 full-time teachers. These teachers are all working the entire day. Not a single teacher has a regular free period that he can use as he pleases. One of our beginning teachers has a class of 48 pupils. Thirty-five is considered, by the educational authorities, to be the maximum number for any one class, while the pupils in classes of 15 or 20 get a far better education than in the larger classes. Any teacher can do only about so much, so if the classes are twice as large as they should be, it stands to reason that each pupil will get only about half as much individual attention as he should. Because of the limited number of classrooms we are greatly handicapped. Our boys and girls of Chelmsford have just as much ability as any children in the country. Yet they are not getting as good training as many because of the limited curriculums and small number of class rooms in our High School.

We are trying to make Chelmsford High School a place where each boy and girl who comes can, as he goes home each night, conscientiously say to himself, "I have learned something today. I have worked hard and I am happy that I have the privilege of attending Chelmsford High School." There are misfits in every school. We have some in our school. We all know that every boy and girl is not interested in the same type of work. The more limited the courses taught in any school the more misfits and the more children of high school age there are who do not go to high school. I believe that with vocational courses offered in Chelmsford High School many pupils who are now failures because they have no interest in any of our narrow curriculums would become successful and many more of the children who do not enter would do so and receive the type of education they are interested in. If the time ever was, it is not now that we should try to send every boy and girl to college. But every normal boy and girl who is graduated from our eighth grade is entitled to four years' successful high school education, with a diploma to show what he has done. In times like these it is more important that we furnish as many different courses as possible, in order to interest and keep those boys and girls who in normal times would be working. If a person cannot obtain work it is good business for the state to send him to school so that he will be better able to care for himself and not become dependent upon society for the necessities and comforts of life.

Health education is of great importance if we would teach our young people to be good citizens. We are trying to educate the pupils to take care of their physical wants and thus develop into strong, healthy men and women. With our present equipment we often have to break the very laws of health we are trying to teach. Athletic teams are an asset to any school. Many boys have stayed in school and become good citizens just because of some one athletic sport. We are trying to do our best for our boys and girls along this line. We need a gymnasium with shower baths in order to do safely what we are trying to do now. Pupils should have an opportunity

to dress for physical education so as not only to protect their clothes, but to get the full benefit of the exercises. Showers should be taken by all pupils after exercising, in order to wash off the poisons given out through the pores of the skin and then to close those pores, that the pupil will not take cold after exercising.

It is impossible to have the entire student body meet in assembly at one time in our present building. Because of this condition each pupil goes to an assembly but once in two weeks, and then with only a part of the school. Much time is thus lost by duplicated programs, and many times only one-half of the school has an opportunity to hear some good speech by a speaker from out of town. We need an assembly room that will seat our entire student body at the same time.

At the close of the football season, the Parent-Teacher Associations of Chelmsford, with the help of Mrs. Lewis, our school nurse, put on a banquet for the football players. This was very much worth while for the boys, and I hope that other town organizations will feel like helping our basketball and baseball teams in a like manner when the time comes.

I believe the time has come when every pupil who comes to High School should try to do his best with the lessons assigned to him. If he does this, he is entitled to as much credit as any other pupil who makes the same effort, regardless of the achievement. On the other hand, a pupil who does not try to do his best and thereby fails to make passing grades should be eliminated from High School, and either put to work or into some other school where he will have to try because of the nature of the school, or will want to do his best because the school has something to offer him in which he is interested. It is not right to the taxpayers to spend their money on pupils who make very little or no effort. Neither is it right to the pupil to be allowed to develop the habits of carelessness and laziness. Pupils should study on an average of one hour a day for each classroom recitation. Children who tell their parents that they have no homework to do are making a serious mistake somewhere, and parents will be helping their children if they will inquire of the school authorities and find out just what the situation is. Pupils are indeed fortunate whose parents take an active interest and co-operate with the teachers in their school problems. Many times pupils have been turned from a downward path onto the road of success by the mother or father visiting the school and lending a helping hand. Children deserve the help and encouragement of their parents. We are always glad to welcome parents at the school and hope that more will make an effort to see us in the future.

I wish every parent and voter would visit our school, see us at work, and see the excellent condition the building is in. We are indeed fortunate in having Mr. Robbins and his assistant, Mr. Stuart, who, with the aid of pupils and teachers, keep the building in such an excellent condition.

Following is a tabulated report of the number of pupils in each class:

Subject	Number of students		Number of students		Total	Periods per Week
	First Year	Second Year	Third Year	Fourth Year		
Freshman English	89	..	..	..	89	5
Sophomore English	5	77	..	..	82	5
Junior English .....	..	8	71	..	79	5
Senior English .....	..	..	14	37	51	5
Freshman Latin	18	1	..	..	19	5
Sophomore Latin .....	..	23	..	..	23	5
Junior Latin .....	..	..	5	..	5	5
Senior Latin .....	..	..	..	2	2	5
Sophomore French .....	..	57	1	..	58	5
Junior French .....	..	1	46	..	47	5
Senior French .....	..	..	3	13	16	5
American History .....	..	7	49	36	92	5
Early European History...	18	..	3	2	23	5
World History	1	40	8	5	54	5
Occupations	19	..	..	..	19	5
Commercial Geography ...	1	32	21	3	57	5
Sophomore Typewriting ..	2	38	7	2	49	5
Junior Typewriting .....	..	3	27	..	30	5
Senior Typewriting .....	..	..	..	10	10	5
Junior Stenography .....	..	3	28	3	34	5
Senior Stenography .....	..	..	1	10	11	5
Sophomore Bookkeeping ..	3	40	2	2	47	5
Junior Bookkeeping .....	..	..	28	..	28	5
Introductory Business	53	..	..	..	53	5
General Science	80	1	..	..	81	5
Physics .....	..	..	..	9	9	5
Physics Lab. ....	..	..	..	8	8	1
Chemistry .....	..	1	25	1	27	3
Chemistry Lab. ....	..	1	25	3	29	3
Freshman Algebra	19	15	..	..	34	5
Sophomore Algebra .....	..	1	25	1	27	5
Geometry .....	..	20	8	1	29	5
Freshman Mathematics ..	75	1	..	..	76	5
Biology .....	..	18	5	1	24	5
Mechanical Drawing	9	3	8	2	22	2
Music	91	82	53	8	234	2
Physical Education	88	84	76	27	275	2
Advanced Mathematics ...	..	..	..	10	10	5
Office Practice .....	..	..	1	10	11	5

Our financial condition is shown in the following report made by Miss McCarthy, our Vice-Principal, who has charge of this department:

ANNUAL REPORT OF CHELMSFORD HIGH SCHOOL FUNDS

I. GENERAL FUND

Balance on hand Jan. 1, 1930.....	\$302.95
Receipts Jan. 1, 1930—Dec. 31, 1930.....	138.47
	\$441.42
Less: Payments Jan. 1, 1930—Dec. 31, 1930.....	49.60
Balance Dec. 31, 1930.....	\$391.82

II. MUSIC FUND

Balance on hand Jan. 1, 1930..... \$221.68
 Receipts Jan. 1, 1930—Dec. 31, 1930..... 204.85

\$426.53

Less: Payments Jan. 1, 1930—Dec. 31, 1930..... 207.43

Balance Dec. 31, 1930..... \$219.10

III. CLASS OF 1930

Balance on hand Jan. 1, 1930..... \$ 59.55
 *Receipts Jan. 1, 1930—Dec. 31, 1930..... 792.15

\$851.70

*Less: Payments Jan. 1, 1930—Dec. 31, 1930..... 846.75

Balance Dec. 31, 1930..... \$ 4.95

*Includes money received and paid out for pupil's individual pictures.

IV. CLASS OF 1931

Balance Jan. 1, 1930..... \$ 19.81
 *Receipts Jan. 1, 1930—Dec. 31, 1930..... 91.58

\$111.39

Less: Payments Jan. 1, 1930—Dec. 31, 1930..... 5.00

Balance Dec. 31, 1930..... \$106.39

*Includes \$67.83 profit on 1930 Year Book.

V. ATHLETIC ASSOCIATION

Balance on hand Jan. 1, 1930..... \$685.78
 Receipts Jan. 1, 1930—Dec. 31, 1930..... 759.83

\$1,445.61

Less: Payments Jan. 1, 1930—Dec. 31, 1930..... 857.09

Balance Dec. 31, 1930..... \$588.52

VI. BLUE MOON (School Paper)

Balance on hand Jan. 1, 1930..... \$185.60
 Receipts Jan. 1, 1930—Dec. 31, 1930..... 86.15

\$271.75

Less: Payments Jan. 1, 1930—Dec. 31, 1930..... 53.29

Balance Dec. 31, 1930..... \$218.46

VII. CLASS OF 1932

*Receipts Jan. 1, 1930—Dec. 31, 1930..... \$501.23
 *Payments Jan. 1, 1930—Dec. 31, 1930..... 485.08

\$ 16.15

*Includes money received and paid out for individual pupil's class rings.

*Total in all the funds..... \$1,545.39

*\$1,000 is kept on interest.

I am in the middle of my first year as the principal of your High School. I appreciate very much the kind assistance and hearty co-operation that I have received from you, Mr. Wright, the school committee, the faculty, parents, and entire student body and sincerely hope that I may warrant the continuance of this help and co-operation.

Respectfully submitted,
 L. H. BURNS.

REPORT OF SUPERVISOR OF MUSIC

January 2, 1931.

Mr. George S. Wright,
Superintendent of Schools,
Chelmsford, Massachusetts.

Dear Sir:

The music in the schools makes little change from year to year, as the fundamentals remain the same. The children learn to sing with a clear, light tone and this is carried through the entire school experience. In the second grade staff notation from the board is introduced, and in the third grade, book reading is started.

We try to have as much appreciation as possible. We endeavor to teach the children the different moods in music, the louds and softs, sad and joyous music, slow and fast music, etc. Also the different rhythms such as marching, skipping, running, etc.

In many rooms we have been seriously handicapped by the lack of books. Many of the books were in such a dilapidated condition that it was impossible to use them, and some rooms had no books at all. In such cases the interest is bound to relax just a bit, but several of the rooms will start the new year with new books, as books were purchased in December and I know that both teachers and pupils can start the new year with renewed zest and vigor.

One of the Parent-Teacher Associations in the town contributed the sum of fifty dollars for musical equipment in their school. We have already purchased a portable victrola, instruments for a rhythm band, and a few records. We will use the remainder of this sum for records, as we feel the need of them. The Parent-Teacher Associations are doing a wonderful work, and their contributions are surely appreciated by the various departments in the school system.

In the High School there are two classes that meet twice a week for community singing, chorus singing, and music appreciation. In appreciation we have studied the folk music of various countries, and we are now at work on the various types of vocal music. Later we intend to study the various forms of music. Mr. and Mrs. Wright have loaned their victrola for our use in the High School, and by this generous act our work is greatly facilitated.

Glee Clubs have been started, and the High School orchestra is small, but does excellent work for assemblies, school parties, etc.

In two sections of our town grammar school orchestras are in the first stages of operation, and have high hopes of expanding and doing excellent work. One of the orchestras, after three rehearsals, rendered two selections for a Parent-Teacher Association and we feel quite encouraged.

I wish to thank every teacher for his or her most excellent co-operation.

Yours truly,

CHARLOTTE L. HYDE,
Supervisor of Music.

REPORT OF PHYSICAL DIRECTOR

Chelmsford, Massachusetts, January 9, 1931.

Mr. George S. Wright,
Superintendent of Schools,
Chelmsford, Massachusetts.

Dear Sir:

It is with pleasure that I submit to you my second annual report as Supervisor of Physical Education.

During January, February and March, a basketball tournament was held for the fifth, sixth, seventh and eighth grade boys from the different sections. These games were played every Saturday morning, at the McFarlin School Gym, with an attendance of about one hundred every week. During this same period gym classes were held, one night a week, for the men and women of the community, and the average attendance was fifteen men and twenty-five women per week. These classes were run without any expense to the people other than a small fee used to pay the janitor and piano player. The largest amount paid was seventeen cents a person.

Starting in February, the children began practising their drills to be used Field Day. The Field Day drills were competitive in nature, each grade striving to win the award for their grade. The awards were in the form of large shields and were won as follows: 1st and 2nd Grades, Westlands; 3rd and 4th Grades, Princeton Street; 5th and 6th Grades, McFarlin; 7th and 8th Grades, Princeton Street; and the school championship was won by Princeton Street. The judges were four students from the Lowell Normal School, and this department wishes to thank the Lowell Normal School for its co-operation, and all other people, who in any way rendered any assistance. The regular routine work of the department was carried out until the close of school in June.

Starting the present school year, a few changes were made in schedule and mode of teaching, which it is believed will work out very satisfactorily. Two new classes have been created in High School and the schedule has been rearranged so that much less time is spent in travelling between schools. Beginning this fall, the boys and girls in the grades from the fifth through the eighth have been separated in their drills, this making it possible to have many more activities than with a mixed group. This change is working out very well from all angles and the children are especially pleased with it. All High School classes have been divided in two parts, the first of which is taken up by the study of Hygiene, in an effort to have the pupils know more about their body and its upkeep. This fall, the Athletic Field at the rear of the High School was used, for the first time, as the regular football field and with a few improvements, it can be made into as nice a field as any of our opponents have.

Some new equipment has been purchased and is already in use.

The Department of Physical Education wishes to thank the people of Chelmsford for their hearty co-operation during the past year.

Respectfully submitted,
R. A. LAFOUNTAIN.

REPORT OF SCHOOL NURSE

Mr. George S. Wright,
 Superintendent of Schools,
 Chelmsford, Massachusetts.

The following is a general summary of work in school from January, 1930, to December 31, 1930:

Number of pupils examined.....	1,480
Defects found	622
Defective teeth	222
Defective tonsils	234
Defective heart	20
Cervical glands	72
Thyroid glands	4
Pediculosis	7
Acne	74
Posture	102
Defective eyes	29
Pupils inspected in school.....	3,092
Taken home by nurse for illness.....	84
Absentees visited in home.....	627
Excluded from school for suspected illness.....	192
Excluded from school for ringworm, impetigo, and poison ivy.....	24
Individual instruction	618
Accidents to hospital.....	3
First aid	36
Dressings	720
Investigations	21
Instructive and advisory home visits.....	88
Personal hygiene and health talks to pupils.....	166
Pupils sent or taken to family physician.....	49
Pupils sent or taken to school physician.....	212

All pupils weighed and measured by nurse, assisted by school physician, with physical examination of all pupils; also a complete physical examination of all boys who were candidates for our football team.

CORRECTIONS

Tonsils and adenoids.....	75
Glasses and lens.....	104
Teeth treated	711
Filled, permanent	356
Filled, deciduous	341
Teeth cleaned	648
Extractions, permanent	82
Extractions, deciduous	278
Examined by dentists.....	525

Our rating on dental work by State Department Dental Hygiene was 63% in June, 1930. We certainly must have a higher per cent in June, 1931. Dr. Ritter has been working in Highland Avenue and Princeton School since September and is now working in Westland School.

Dr. Coughlin has been working in East School since October and at present is working in Centre at McFarlin School. We have 256 pupils on dental honor roll in High School, which proves we are going to have a very high per cent in 1931. A new dental chair was bought by East Fire Department Alumni boys and P. T. A. of East Chelmsford for East School.

May health proved a great success, also our pre-school clinic, which was held in May. In one of our schools every child, who was to enter school in September, registered, and was examined by school physician, defects found and corrected before child entered in September. Also, vaccinations were well taken care of in this particular school. Not a child had to be sent home for vaccination, which proves to you the value of pre-school clinics. In all our schools we had only four certificates, which is a very small number compared with 1929.

Let us co-operate and not have any certificates in September, 1931. I want to see them all enter school physically fit.

Here is a list of our pupils as they are today, perfect and all, defects corrected:

High School	210
McFarlin	255
Princeton	160
Westlands	128
Highland Avenue	62
East	83
Quessy	39
South Chelmsford	35
South Row	11

Follow-up clinic held, also X-rays by St. Dept. Tuberculosis.

Pupils examined	10
Pupils absent	1
Pupils improved	8
Pupils well	1

Schick test given in May to children who were immunized October, 1929.

Negative	247
Positive	52
Absent	34

A number of children left town with their parents, hence our absentees.

All children who proved positive were re-immunized in October, when we held our Immunization Clinic for our first grades and pre-school children. We had 153 children who attended the clinic.

New England Food and Dairy Council gave our school children illustrated lectures, spending three days visiting all schools, which seemed to be enjoyed by both pupils and teachers.

In December Dr. Paul Wakefield, Chief of Chadwick Clinics, gave talks in the High School and in all seventh and eighth grades in regards to a clinic which was held here December 11th. There were 1,063 children and teachers who took the test; 255 were X-rayed, a great many by request of their parents.

It was a very interesting clinic. There were five doctors, four typists, two X-ray experts and two X-ray machines. About 55 pupils will be given a physical examination, which is a very low percentage compared with other towns. Nurse made 107 home visits in order to explain to parents who did not fully understand the value of this particular clinic. After talking with the parents, a number of pre-school children took the test.

During the year a number of doctors visited our schools. Dr. Wellington, Department of Mental Hygiene, Dr. Knowlton and Dr. Archibald, all from State Department Public Health, and Miss Anna M. Martin, R.N., State Consultant.

I wish to thank the P.T.A. in all sections of the town for their generous help and co-operation in every respect. I certainly have had wonderful co-operation from everyone.

Very respectfully,
 MAE S. LEWIS, R.N.
 Chelmsford, Mass.

December 31, 1930.

REPORT OF COMMITTEE ON SCHOOL HOUSE CONDITIONS

To the Citizens of Chelmsford:

Your committee appointed at the last annual town meeting to investigate the crowded conditions in school buildings and to make recommendations submits the following report:

1. Two school buildings are badly overcrowded, the Westlands and the High School.

2. The situation at the High School should be met first. If it becomes necessary, upper grade pupils from the Westlands can be transported to the McFarlin School until the Town is ready to enlarge the Westlands School.

3. In considering the situation at the High School these facts should be kept in mind:

(a) The building was erected in 1916-17 and was first occupied in the fall of 1917, when the enrollment was 161. It was designed to accommodate 225. With the present enrollment of 305 it is crowded to its utmost capacity, and in some cases far beyond the limit of safety. The building is of first class construction throughout and is in a very fine state of repair. Besides the overcrowded condition, it is now inadequate in that it has no room large enough for school assemblies, no gymnasium with the necessary dressing and wash rooms, and no room of adequate size for the noon lunch hour.

(b) At the present time the playground in the McFarlin School is used by the High School classes in physical education and for basket ball games. This means that the students, both boys and girls, must go from the High School to the McFarlin School in all sorts of weather, and in their heated condition after 40 minutes of exercise return to the High School. The danger to their health from such exposure should be removed at the earliest possible date. Moreover, the playground is very unsatisfactory as a gymnasium for the reason that two iron posts, supporting the main girders of the building, stand in the center of the floor. In basket ball games these posts are a positive danger of an extreme type.

(c) The sanitary arrangements of the High School are not adapted to a modern school. The boys' and the girls' locker rooms are in the basement, but there are no toilets in the basement, nor any place for students to wash. The lack of these facilities after physical exercises and after games is seriously felt.

(e) Lack of room prevents making such improvements in the High School courses as all progressive towns are making. The courses of study have not been materially changed since the school was opened. There is a college preparatory course, a commercial course, and a general course. The first two meet the needs of students who have either higher education in mind, or office work, but less than half of the graduates of the college course go on to college or other institutions, and less than half of the commercial course graduates secure office positions. The general course is too narrow to meet the varying needs and capacities of other students. Modern high schools everywhere have courses in practical arts.

4. The present crowded condition of the High School, the lack of a room in which the entire school can be seated for general exercises, the lack of a gymnasium with the necessary facilities, the impossibility of

improving the courses in the present building, together with the dangers attending the use of the playroom in the McFarlin School, are urgent reasons for making an addition to the building.

5. It is merely a matter of good business judgment when this is done to build for the future by providing rooms both for a larger school and for improved courses.

We therefore recommend that the Town at the earliest possible date provide an addition to the High School to include:

- (a) Six additional classrooms.
- (b) A lunch room of adequate size.
- (c) An assembly room.
- (d) A gymnasium with the necessary dressing and wash rooms.

Respectfully submitted,

NELLIE R. PICKEN.
LOREN J. ELLINWOOD.
WARREN WRIGHT.
JOHN A. McADAMS.
J. EARL WOTTON.
EDWARD B. RUSSELL.
HENRY C. SHEDD.

ENROLLMENT—OCTOBER 1, 1930

ELEMENTARY SCHOOLS	I	II	III	IV	V	VI	VII	VIII	Tot.
McFarlin	37	30	41	43	40	41	34	39	305
East	23	17	20	15	13	20	15	10	133
Highland Avenue	19	17	14	25	11	18	16	14	134
Princeton Street	42	38	31	32	31	36	35	27	272
Quessy	16	18	12	18	16	9	11	10	110
South	8	10	9	13	9				49
South Row	6	5	8	5					24
Westlands	25	19	16	23	17	23	11	21	155
Total	176	154	151	174	137	147	122	121	1182

HIGH SCHOOL

Freshmen	100
Sophomores	85
Juniors	83
Seniors	37
Total	305
Total Enrollment	1,487

ENROLLMENT FOR TEN YEARS

	Elementary	High	Total
1921, Fall Term	1,007	181	1,188
1923, April 1	1,090	184	1,274
1923, Fall Term	1,064	203	1,267
1924, October 30	1,128	221	1,394
1925, October 30	1,122	194	1,316
1926, October 1	1,166	216	1,382
1927, October 1	1,162	224	1,386
1928, October 1	1,148	266	1,414
1929, October 1	1,179	306	1,485
1930, October 1	1,182	305	1,487

SCHOOL CENSUS—October 1, 1930

REGISTRATION OF MINORS:	5-7 yr.	7-14 yr.	14-16 yr.
Boys	144	520	125
Girls	125	469	134
Total	269	989	259

DISTRIBUTION OF MINORS:

In Public Schools	207	966	214
In Vocational School			6
In Private Schools		18	4
Not in School	62	5	35
Total	269	989	259

FINANCIAL SUMMARY

Total costs of schools for 1930, including expenditures by school committee from regular and special appropriations, and tuition to Lowell Vocational School, as itemized by Town Accountant on pages , \$107,467.05

RECEIPTS OF THE TOWN ON SCHOOL ACCOUNT

From State for teachers' salaries.....	\$	9,020.00
From State, tuition of state wards.....		2,003.72
From State, Lowell Vocational School.....		1,632.25
Tuition from other towns.....		741.66
Rent of school garage.....		180.00
Sale of old books, waste paper, etc.....		16.31
		\$ 13,593.94
Total receipts on accounts of schools.....		
		\$ 93,873.11
Net cost of schools to Town for 1930.....		

SCHOOL BUDGET

	Appropriation for 1930	Expenditures	Proposed for 1931
Administration	\$ 4,500.00	\$ 4,274.14	\$ 4,450.00
Instruction	69,230.00	69,200.13	70,600.00
Operation and Maintenance.....	18,400.00	18,390.77	18,200.00
Auxiliary Agencies	11,325.00	11,308.20	11,400.00
New Equipment	1,000.00	919.30	500.00
	\$104,455.00	\$104,092.54	\$105,150.00
Total			
Special Appropriation	150.00	143.00	
Lowell Vocational School.....		3,231.51	
		\$107,467.05	

GRADUATES OF HIGH SCHOOL

June 25, 1930

Abigail Scott Beattie	Eleanor Louise Kilburn
Grace Elizabeth Bridgeford	Martha Ethel Linstad
Ernest Edward Brotz	Anna Margaret Lund
Anna Louisa Calder	Elizabeth Antoinette Lyman
Katherine Della Clark	John Joseph McEnaney
Alice Agnes Clarke	Russell James McEnaney
Clara Wonson Dexter	Marie Doris McMullen
Mary Gertrude Doherty	Edward Francis Miner
William Wright Edge	Thelma Ferne Paignon
Charles Clarence Emery	Edna Maria Palm
Alice Mae Fisher	Donald Alonzo Parker
Harriet Frances Flemings	Alice Mary Patenaude
Madeline Cleveland Freeman	Bertha Mary Patenaude
Raymond Merrill Gauthier	Esther Elizabeth A. Petterson
Maurice Henry Joseph Cornellier di Grandchamp	Lillian Mary Pinel
Barbara Catherine Greene	Irene May Pratt
Aime Bernard Hamel	Harry Brendan Quinn
Ralph Albert Harmon	George Lincoln Reis
Dorothy Helen Harrington	Bernice Loretta Rutner
Edna Hoyt	Francis Joseph Safford
Ruby Clara Hutchinson	Wendell Kimball Simpson
Rachel Elsie Jones	Donald Eugene Smith
Olga Josephine Kempe	Josephine Helen Smith
Allan Kidder	Alice Mary St. Onge
	William Henry Thayer
	Veronica Arlene Welch

GRADUATES OF EIGHTH GRADE

June 19, 1930, at Chelmsford Center

McFARLIN SCHOOL

Evelyn Beckvold	Ralph Earnest House
Evelyn Barbara Bliss	Laurence Joseph Judge
Ronald Roadman Boyd	Fred Emil Kemp
Helen Mildred Brotz	Ralph Jean L'Heureux
Frank Arthur Burton	Russell Hendrick Linstad
Dorothy Mae Butters	Henry Arthur Loiselle
Donald Charles Calder	Ellen Marie Lundstrom
Roger Thomas Calder	Helen Vivian MacNeill
Phyllis Capone	Dorothy Elizabeth Murphy
Howard Carter	Catherine Helen Niemaszyk
Blanch Evelyn Clough	Herbert Page
Delphina Lillian DeCosta	John Pierro
Evelyn Louise Flemings	Mildred Lauretta Purcell
Allan Grant Fletcher	George Edmund Rondeau
John Bernard Gallagher	Adaline Amelia Simpson
Marguerite Lee Hannaford	Gertrude Marie Tremblay
Harold Raymond Hansen	Elizabeth Waite

WESTLANDS SCHOOL

Mary Annie Angus	Raymond Marchand
Priscilla Wintie Burdick	Barbara Varetta Olsson
Edith Virginia Dickinson	Hazel Frances Royce
James Francis Fagan	Gertrude Sofia Sargent
Louise Fitzpatrick	Marjorie Viola Slade
Harvey Fuller	Louis Waite Stearns
Lena Mary Jacob	Anthony Albert Such
Allston Warren Lemey	Monica Todd

EAST SCHOOL

Thure Harold Bloomgren	Peter John Pavelka
Mary Louise Dow	Eliot Birtwell Quinn
Mary Louise Gustafson	Rosa Santos
Albert Robert Hedlund	Mary Lea Scobie
Sarah Millicent Hill	Albert Sousa
Lena Beatrice Medeiros	Napoleon Joseph Valentine

PRINCETON STREET SCHOOL

June 20, 1930, at North Chelmsford

Walter Belida	Winfield Hersey Howard
Cecile Cornellier Bigfield	Ernest Janulis
Margaret Rita Christoun	Earl John Lee
Mary Dorothy De Amicis	Joshua Le Masurier
George Richard Dixon	Roland Marcel McEnaney
Robert Elliot Donaldson	Hazel Rita McMullen
Myrtle Yvonne Ferron	Julia Roberta Mikulis
Alma Grace Gaudette	Bernice Arlene Mills
Raymond Oliver Gaudette	Mary Elizabeth Miskell
Rosanne Flora Gosselin	Marion Janet Plein
Mary Louise Guyette	Matthew William Plein
Milton Weldon Haire	James Arthur Potter
Helen Grace Stephens	

HIGHLAND AVENUE SCHOOL

Blanche Deputat	Alfred F. McSheehy
Emile P. Gauthier	Beatrice R. Mercier
Bruno J. Greska	Claire Molloy
Rita M. Hines	Barbara J. Nath
Antony W. Shacka	

QUESSY SCHOOL

Phyllis Marjorie Berubee	George Ezerskey
Walter Edgar Bill	George Roland Leedberg
Kenneth Clifford Clement	Elizabeth Agnes Leslie
Peter De Rubbo	Helen Louise Pevey
Raymond Ducharme	Halvar Peterson
Eunice Moore Richardson	

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