



CITY OF SOMERVILLE

MASSACHUSETTS

ANNUAL REPORTS

1905

With Mayor's Inaugural Address

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INAUGURAL ADDRESS

DELIVERED BY

MAYOR CHARLES A. GRIMMONS

MONDAY, JANUARY 1, 1906

GENTLEMEN OF THE BOARD OF ALDERMEN:—

On this, the first morning of the new year, I extend to you and to all of the citizens of Somerville my best wishes for a happy and prosperous twelvemonth. Our prosperity as a community is to a great extent in our hands, for the problem of the city's prosperity has now been entrusted to us.

The return of so many of the old aldermen is a valuable asset, indeed, to the new city government.

The total funded debt of the city January 1, 1905, was \$1,498,500. This debt was increased during the year \$148,000. It was decreased \$136,500, leaving the net funded debt January 1, 1906, \$1,510,000, a net increase of \$11,500.

The total amount of taxable property is \$59,233,000, of which \$53,392,000 is real estate, and \$5,841,000 is personal estate, including non-resident bank shares. At a rate of \$18.30 on each \$1,000 of valuation, the tax is \$1,083,963.90. There are 19,258 polls at \$2.00, making \$38,516. We received from street watering \$21,520.24, making the total tax levy \$1,144,000.14. The total number of persons assessed, resident and non-resident, was 26,567.

Of the amount received in taxes, \$206,659 is required for the debt provisions; \$185,400.90 are state and county taxes, metropolitan sewer, etc., matters over which the city has no control; \$354,300 is used for current expenses of departments, over which the board of aldermen has no control; \$337,604 is the

amount for current expenses within control of the board of aldermen. The same statement, based upon the \$18.30 per thousand, is as follows: Of each \$18.30, \$3.13 is for state, county, and metropolitan taxes; \$3.49 for debt requirements; \$5.98 for current expenses over which the board of aldermen has no control; \$5.70 for current expenses within control of the board of aldermen.

In addition to the amount received from taxes, there was available last year the sum of \$222,227.88 on water income account; we received \$31,139.98 from corporation and bank taxes; from the clerk of the courts, \$1,632.00; from the county treasurer, for dog licenses, \$1,105.14; from the state, the street railway tax, \$50,165.40; and from the Boston Elevated Railway tax, \$8,107.66; a total of \$320,378.06; making the total amount available from taxes and from other sources, \$1,464,378.20.

Funded Debt.—The funded debt of the city January 1, 1905, was as follows:—

Funded Debt, City Loan	\$1,108,500 00
Funded Debt, Sewer Loan	217,000 00
Funded Debt, Paving Loan	40,000 00
Funded Debt, Water Loan	108,000 00
Funded Debt, Metropolitan Park Assessment Loan	25,000 00
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	\$1,498,500 00

The debt was increased during the year by appropriations made by the board of aldermen as follows:—

Sewers Construction	\$30,000 00
Public Buildings Construction:—	
Addition to Bingham School	1,000 00
Contagious Disease Hospital	5,000 00
Dormitory at City Home	1,000 00
Engine House in Ward Two	3,000 00
High School Building	40,000 00
Proctor School	10,000 00
Highways, Construction	20,000 00
Highways, Paved Gutters and Crossings,	20,000 00
Highways, Shade Trees and Tree Guards,	1,400 00
Sidewalks, Construction	16,000 00
Thorndike-street Subway	600 00
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	\$148,000 00

The debt was reduced during the year by maturities as follows:—

Funded Debt, City Loan	\$112,500 00
Funded Debt, Sewer Loan	12,000 00
Funded Debt, Paving Loan	5,000 00
Funded Debt, Water Loan	6,000 00
Funded Debt, Metropolitan Park Assessment Loan	1,000 00
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	\$136,500 00

Leaving the funded debt of the city January 1, 1906, \$1,510,000 (an increase of \$11,500 from the previous year), classified as follows:—

City Loan bonds bearing interest at 3½ per cent.	\$397,000 00
City Loan bonds bearing interest at 4 per cent.	717,000 00
City Loan Sewer bonds bearing interest at 3½ per cent.	78,000 00
City Loan Sewer bonds bearing interest at 4 per cent.	151,000 00
City Loan Sewer bonds bearing interest at 4½ per cent.	6,000 00
City Loan Paving bonds bearing interest at 4 per cent.	35,000 00
City Loan bonds bearing interest at 4 per cent.	92,000 00
Water Loan bonds bearing interest at 5½ per cent.	10,000 00
Metropolitan Park Assessment Loan bonds bearing interest at 3½ per cent.,	24,000 00
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Total Funded Debt January 1, 1906	\$1,510,000 00

The foregoing amount represents the net indebtedness of the city, the unfunded liabilities for the temporary loans, etc., being equaled by its assets, which consist of uncollected taxes, sewer and sidewalk assessments, etc.

Taxes.—The assessors' warrant for the tax levy assessed upon the polls and estates of the inhabitants, as of May 1, 1905, was duly submitted to the collector.

The total amount of taxable property was \$59,233,000, and the rate established was \$18.30 on each \$1,000 valuation, as follows:—

Real estate, valuation	\$53,392,000 00
Personal estate, valuation	5,754,600 00
Non-resident bank shares	86,400 00
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Total valuation	\$59,233,000 00
At a rate of \$18.30 on each \$1,000 valuation	1,083,963 90
Polls, 19,258 at \$2	38,516 00
Street watering	21,520 24
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Total amount of tax levy	\$1,144,000 14
Total number of persons assessed, resident and non-resident, 26,567.	

Appropriations.—The amount of revenue provided by the tax levy may properly be classified as follows:—

	Rates assessed on \$1,000 valuation.	Amount.
For current expenses within the control of the board of aldermen	\$5 70	\$337,604 00
Current expenses of departments over which the board of aldermen has no control	5 98	354,300 00
Debt requirements	3 49	206,659 00
State and county taxes, metropolitan sewer and park assessments, national bank tax, and Overlay account,	3 13	185,400 90
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For total amount on a valuation of \$59,233,000 at \$18.30		\$1,083,963 90
Poll taxes assessed, credited to state and county		38,516 00
Street watering, in excess of amount appropriated		21,520 24
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Total amount of tax levy		\$1,144,000 14

The appropriations to the various accounts were as follows:—

ACCOUNTS WITHIN THE CONTROL OF THE BOARD OF ALDERMEN.

Assessors	\$10,000 00
City Auditor	725 00
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Amount carried forward	\$10,725 00

Amount brought forward	\$10,725 00
City Clerk	5,500 00
City Engineer	11,250 00
City Messenger	2,000 00
City Solicitor	2,250 00
City Treasurer	9,300 00
Clerk of Committees and Departments	3,900 00
Contingent Fund	3,000 00
Election Expenses:—	
City Clerk	1,600 00
Commissioner of Public Buildings	750 00
Pay of Election Officers	2,164 00
Registrars of Voters	1,550 00
Electrical Department	7,000 00
Excess and Deficiency	45,510 00
Executive Department	3,900 00
Fire Department	3,535 00
Highways:—	
Maintenance	4,000 00
Removing Brown-tail Moths	3,000 00
Inspection of Buildings	4,050 00
Military Aid	1,100 00
Police	39,000 00
Printing and Stationery	2,000 00
Public Buildings Maintenance:—	
City Hall	3,000 00
City Hall Annex	450 00
Fire Department	5,000 00
Health Department	345 00
Highways	300 00
Janitors' Salaries	26,000 00
Police	1,100 00
Public Grounds	100 00
Public Library	4,000 00
Schoolhouses	25,000 00
Sewer Department	75 00
Support of Poor	800 00
Water Department	300 00
Public Grounds	10,500 00
Sealer of Weights and Measures	1,050 00
Sidewalks Maintenance	3,000 00
Soldiers' Relief	18,500 00
Somerville Hospital	5,000 00
Street Lights	66,000 00
Total amount assessed on a valuation of \$59,233,000, at \$5.70	\$337,604 00

ACCOUNTS OVER WHICH THE BOARD OF ALDERMEN HAS NO CONTROL.

Health Department	\$39,500 00
Public Library	14,500 00
School Contingent	23,500 00
School Teachers' Salaries	260,000 00
Support of Poor, City Home	2,800 00
Support of Poor, Miscellaneous	14,000 00

Total amount assessed on a valuation
of \$59,233,000, at \$5.98 \$354,300 00

ACCOUNTS PROVIDING FOR DEBT REQUIREMENTS.

Interest	\$76,159 00
Reduction of Funded Debt	130,500 00

Total amount assessed on a valuation
of \$59,233,000, at \$3.49 \$206,659 00

PROVIDING FOR STATE AND COUNTY TAXES, ETC.

State Tax	\$70,400 00	
Deduct one-half of poll taxes	19,258 00	
		\$51,142 00
County Tax	\$57,805 88	
Deduct one-half of poll taxes	19,258 00	
		38,547 88
Metropolitan Sewer Assessment		51,853 10
Metropolitan Park Assessment		24,984 80
National Bank Tax		1,581 12
Overlay and Abatement		13,377 58
Armory Tax		3,914 42

Total amount assessed on a valuation
of \$59,233,000, at \$3.13 \$185,400 90

In addition to the above, the following appropriations were made from the various income accounts:—

From the income of the water works:—

Water Maintenance	\$28,028 91
Water Loan Interest	4,450 00
Water Works, Abatements on Water Charges	518 19
Water Works Extension	16,796 18
Sewers Maintenance	12,000 00
Fire Department	61,465 00

Amount carried forward \$123,253 28

Amount brought forward	\$123,258 28
Reduction of Funded Debt	2,408 87
Reduction of Funded Debt, Water Loan Bonds	6,000 00
Metropolitan Water Assessment	90,560 73
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Total	\$222,227 88

From the income from the state and county:—

Police, the amount received from the state for corporation taxes	\$25,635 12
Police, the amount received from the state for bank taxes	5,504 86
Police, the amount received from the clerk of the courts for fines, costs, etc.	4,632 00
Public Library, the amount received from the county for dog licenses	4,105 14
Highways Maintenance, from Boston Ele- vated Railway tax	8,107 66
Highways Maintenance, from street rail- way tax	50,165 40
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Total	\$98,150 18
Total from water income and from state and county	<u>\$320,378 06</u>

The aggregate appropriations from the tax levy and from income were as follows:—

From tax levy	\$1,144,000 14
From income	320,378 06
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	\$1,464,378 20

The following tables, giving a condensed history of the city's finances, are herewith presented for reference:—

YEAR.	Amount of Funded Debt.	Increase of Funded Debt.	Reduction of Funded Debt.	Tax Rate per \$1,000 Valuation on Account of Reduction of Funded Debt.
Town	\$593,349			
Dec. 31, 1872	643,354	\$50,005		
" 1873	809,354	166,000		
" 1874	1,419,854	610,500		
" 1875	1,571,854	152,000		
" 1876	1,606,854	45,000	*\$55,130 62	\$2 07
" 1877	1,606,854	10,000	*58,828 58	2 30
" 1878	1,596,854		61,004 64	2 91
" 1879	1,585,000		64,915 76	3 42
" 1880	1,585,000		55,739 35	2 72
" 1881	1,585,000		58,498 64	2 59
" 1882	1,585,000		61,390 59	2 65
" 1883	1,585,000		64,479 01	2 70
" 1884	1,585,000		67,719 33	2 78
" 1885	†1,525,000		71,305 66	2 87
" 1886	1,525,000		66,894 23	2 57
" 1887	1,525,000		70,252 88	2 56
" 1888	†860,500	25,000	37,000 00	1 28
" 1889	952,500	130,000	38,000 00	1 27
" 1890	1,057,500	150,000	45,000 00	1 38
" 1891	1,045,500	45,000	57,000 00	1 55
" 1892	1,194,500	253,000	104,000 00	2 73
" 1893	1,279,500	222,000	137,000 00	3 27
" 1894	1,344,500	172,000	107,000 00	2 42
" 1895	1,506,500	247,000	85,000 00	1 83
" 1896	1,531,000	177,000	152,500 00	3 11
" 1897	1,548,000	167,000	150,000 00	2 39
" 1898	1,552,000	176,000	172,000 00	3 99
" 1899	1,492,500	110,000	169,500 00	3 30
" 1900	1,478,000	152,000	166,500 00	3 17
" 1901	1,461,000	146,000	163,000 00	3 02
" 1902	1,477,000	175,000	159,000 00	2 86
" 1903	1,505,500	197,500	169,000 00	2 96
" 1904	1,498,500	132,500	139,500 00	2 40
" 1905	1,510,000	148,000	136,500 00	2 30

*\$10,000.00 applied to payment of bonds; balance to sinking funds.

†Sinking fund applied.

YEAR.	VALUATION.	TAX LEVY.	RATE.
1872 . . .	\$22,755,325 . . .	\$274,374 45 . . .	\$13 00
1873 . . .	29,643,100 . . .	389,214 48 . . .	12 80
1874 . . .	30,837,700 . . .	473,235 50 . . .	15 00
1875 . . .	31,317,000 . . .	518,161 40 . . .	16 20
1876 . . .	26,573,400 . . .	504,475 24 . . .	18 60
1877 . . .	25,479,400 . . .	471,789 14 . . .	18 10
1878 . . .	20,976,900 . . .	409,497 10 . . .	19 00
1879 . . .	18,950,100 . . .	352,553 80 . . .	18 00
1880 . . .	20,458,100 . . .	402,927 71 . . .	19 10
1881 . . .	22,569,100 . . .	452,945 45 . . .	19 50
1882 . . .	23,162,200 . . .	425,721 16 . . .	17 80
1883 . . .	23,812,900 . . .	411,645 43 . . .	16 70
1884 . . .	24,331,100 . . .	418,750 26 . . .	16 60
1885 . . .	24,878,400 . . .	428,605 44 . . .	16 60
1886 . . .	26,003,200 . . .	416,987 28 . . .	15 40
1887 . . .	27,471,800 . . .	424,309 14 . . .	14 80
1888 . . .	28,765,400 . . .	421,458 60 . . .	14 00
1839 . . .	30,004,600 . . .	440,324 40 . . .	14 00
1890 . . .	32,557,500 . . .	447,704 00 . . .	14 00
1891 . . .	36,843,400 . . .	539,137 10 . . .	14 00
1892 . . .	38,093,100 . . .	596,357 50 . . .	15 00
1893 . . .	41,873,600 . . .	675,886 80 . . .	15 50
1894 . . .	44,142,900 . . .	721,165 54 . . .	15 70
1895 . . .	46,506,300 . . .	745,609 02 . . .	15 40
1896 . . .	49,070,800 . . .	786,412 32 . . .	15 40
1897 . . .	50,231,000 . . .	913,574 42 . . .	17 30
1898 . . .	50,739,700 . . .	954,187 11 . . .	17 90
1899 . . .	51,262,400 . . .	882,580 96 . . .	16 30
1900 . . .	52,578,200 . . .	889,916 08 . . .	16 00
1901 . . .	53,924,200 . . .	907,439 82 . . .	15 90
1902 . . .	55,558,300 . . .	964,535 80 . . .	16 40
1903 . . .	57,062,000 . . .	1,038,849 84 . . .	17 20
1904 . . .	58,137,900 . . .	1,059,292 56 . . .	17 20
1905 . . .	59,233,000 . . .	1,144,000 14 . . .	18 30

The platform upon which I was elected I adopt as the basis of my course of conduct during the year. That platform, in brief, is: Proper enforcement of the city charter, economy and efficiency. The city is a great business corporation, and it should be run on business principles. Everybody connected with the city's business must take an interest in it.

In accordance with the letter and spirit of section 20 of the city charter, I assume full responsibility for the acts of every head of a department, and shall hold each one responsible for the conduct of his own office. Heads of departments will not be absolved from being personally responsible for the efficiency and discipline of those under them.

The executive is not disposed to shirk any responsibility, and will hold himself directly accountable for the management of every department. He will be responsible for the management and efficiency of the police department and of the fire depart-

ment, and for the proper sanitary condition of the schoolhouses.

The mayor's office will in no wise be made an employment bureau, but, as provided by the city charter, boards and officers will, subject to the approval of the mayor, appoint, employ, and discharge, at pleasure, subordinate officers, clerks, assistants, and laborers in their respective departments.

I propose to avail myself of section 22 of the city charter, which allows the executive to have the books and accounts of the city examined, at his discretion. I confidently expect and feel assured that the books will be found correctly kept, but hope the experts will make such suggestions in the line of modern and approved methods as will bring them into line with the up-to-date system of uniform municipal accounting. This method, I believe, will in time be universally adopted, and then all finances, officials, and departments will be placed in the lime-light of the greatest publicity. Uniform accounts have been adopted by a great many municipalities throughout the country, and as the basis of schedules of municipal statistics by the United States census bureau. Among the many advantages of this system is this: It places every citizen in a position to know all costs of carrying on the city's business, as well as comparisons with past years and with costs in other municipalities. If, as under this system, it is possible to compare the expenses of any department with those of a corresponding department in a city of similar size, it will be a great feature in economy and efficiency, urging department heads to reduce their costs and, in competition, to try to better the record and each one's value to his own city. Publicity will always tend to greater economies and greater efficiency.

Waiving custom and precedent, I do not at this time enter into a lengthy consideration of the various departments, simply because of my lack of direct personal knowledge of them. Each department will, however, have my thoughtful consideration and study. The details of the work of the various departments may be found in the "Annual Reports," which will be available to any citizen who may call for them at city hall.

I believe that modern sanitary systems should be installed to replace the present systems in the Edgerly and the Bell schoolhouses, and in the older portion of the Bingham schoolhouse.

All materials of any account should be bought only after free, open, and public competition, and the only favorites which will be recognized will be quality and price.

I recommend that the usual sum of \$5,000 be appropriated for the Somerville hospital for the care of the sick poor. I would urge the citizens at large to give their continued and increased support to this beneficent institution and to the associated charities, the Somerville home for the aged, the day nursery, and all similar organizations in our city which have for their object the amelioration of the sufferings of the poor and distressed.

In this connection, though not as of charity, I would call the attention of the public at large to the old soldiers who are watched over so carefully in their declining years by our local G. A. R. post and its allies. Let those of us who can, lay our offerings on the altar of patriotism, that the last days of those who gave their best years that the nation might live may be passed in peace and comfort. Let us give them what we can, but call it not charity, but a patriotic votive offering.

Death has taken from us during the year just passed two notable exemplars of public life. I feel that I should again call your remembrance to these two types of the men whom our President delights to designate as "high-minded public servants." George I. Vincent, who died early in the year, was the friend of every member of the different city governments which he served so faithfully and well. The city paid to his memory its highest honors, and if man was ever worthy of the "Well done, good and faithful servant," he was. Late in the year died the Hon. William H. Hodgkins, who had so greatly honored our city by his distinguished services. Serving his country in war faithfully and well, he received her high honors and rank. In civic life he honored Somerville and was honored by her with every position in her power to bestow. As we revere the memories of these two types, let us draw an inspiration from their devotion and fidelity to high ideals.

The city is in a good condition of health, and it affords us cause for congratulation that there has been a marked reduction in the number of contagious diseases during the past year, as compared with the year 1904.

I wish to accord every meed of praise to my immediate predecessor in office for his work in the settlement of the Lowell-street bridge question and the high school enlargement problem, which have perplexed our city governments for some years past.

The work of grade crossings abolishment, the preliminaries

of which have already been undertaken, should be pushed to completion as fast as the course of law will permit.

I congratulate Somerville upon the good majority which the voters have again given to the cause of no-license, but I regret to see that this majority has fallen off slightly. A city of homes should ever be free from the blight of the saloon. Special attention should be given to the matter of granting sixth-class liquor licenses, and a strict supervision should be maintained over the holders of such licenses. There is much complaint, which can doubtless be backed up by facts, relative to this class of sales. The no-license law will be strictly enforced the coming year, to the best of the ability of the executive, with the assistance of the police department.

I shall endeavor to be mayor of the whole people, without regard to party, creed, or race; shall hold heads of departments to a strict accountability for the proper conduct of their duties; shall demand 100 cents' worth of value for every dollar expended; and shall remember that every \$5,000 spent means ten cents in the tax rate. The city will have to live within its means, and only so much will be spent as can be done lawfully.

Three short months ago I had planned to spend the past week and to-day in old Rome, and, had Providence so directed my footsteps, my greatest delight would have been to ramble among and about the precincts of the ancient and classic city. Again I should have visited the Coliseum—peaceful, stupendous, and fraught with memories worthy of oblivion; possibly again the catacombs, from whence, Wallace so well says, "Christianity arose to supersede the Caesars." Again I should have visited the Palatine hill, with its ruins of palaces, where lived and died the Caesars. Again I should have stood before the marble screen where stood the persuasive Paul, as he pleaded with Nero for what, eighteen and a quarter centuries later, was to be known as a "square deal" for all mankind. Thence but a few steps to the Roman Forum, where are to be seen traces of the central milestone from which distances were measured to all parts of the known world; continuing on, the Sacred Way, over which passed the magnificent Roman triumphs of the rulers of the pagan world.

But while from all these surroundings emanated so much of art, architecture, jurisprudence, and history, to-day they are but incidents of travel and study. However, there is one thing

that I bring down to-day for a lesson. It is an inscription repeated on many of the ruins of antiquity. Graven in stone, it has withstood the ravages of time, decay, and destruction for 2,000 years. Long ago it was indelibly impressed on my mind for life—four letters only, “S. P. Q. R.,” standing for a Latin inscription, a free translation of which is, “Senate, People, Ever Romans.” This, to my mind, is the grandest expression of civic pride in history, for in it the old Romans expressed their pride in their government, their citizenship, and in the fact that they were of Rome.

So to-day I take from it an inspiration, which I ask you to share with me for the whole year. Let us so fulfil our obligations and responsibilities, let us so discharge our public duties, that the people of Somerville may be proud of their government, proud of their citizenship, and proud of the fact that they are of Somerville. And to this end we invoke the Divine guidance.

REPORT OF THE CITY TREASURER AND COLLECTOR OF TAXES.

Treasurer's Office, January 11, 1906.

To the Honorable, the Mayor, and the Board of Aldermen of the
City of Somerville:—

Gentlemen: The undersigned presents herewith the thirty-fourth annual report of the financial condition of the city, and a statement showing, in detail, the receipts and disbursements for the year ending December 31, 1905.

Public Property.

The value of the public property of the city December 31, 1904, was \$3,826,100.14. The property acquired during the year was as follows:—

School Furniture, Proctor School	\$1,791 30
School Books, Proctor School	1,200 00
Addition to Bingham School	388 11
Contagious Disease Hospital	4,187 47
Dormitory at City Home	1,285 86
Engine House in Ward Two	1,545 81
Health Department, Shed	1,189 79
High School Addition	16,537 44
Historical Building and Observatory on Prospect Hill	159 89
Proctor School Building	35,443 96
Water Works Extension	16,845 95
	\$80,575 58
Less sale of gravel land at Wakefield	5,000 00
	\$75,575 58
Total public property December 31, 1905, \$3,901,675.72	

Funded Debt.

The funded debt December 31, 1904, as per Table B of the last annual report, was \$1,498,000.

The debt was increased during the year by appropriations as follows:—

Sewers Construction	\$30,000 00
Public Buildings Construction:—	
Addition to Bingham School	1,000 00
Contagious Disease Hospital	5,000 00
	\$36,000 00
Amount carried forward	\$36,000 00

Amount brought forward	\$36,000 00
Dormitory at City Home	1,000 00
Engine House in Ward Two	3,000 00
High School Building	40,000 00
Proctor School	10,000 00
Highways, Construction	20,000 00
Highways, Paved Gutters and Crossings	20,000 00
Highways, Shade Trees and Tree Guards	1,400 00
Sidewalks Construction	16,000 00
Thorndike-street Subway	600 00

Total amount of appropriations on Funded Debt account \$148,000 00

To provide for the above-mentioned appropriations, bonds to the amount of \$148,000 at 4 per cent. were issued, viz. :—

City Loan Bonds Nos. 3310 to 3318, payable 1906	\$9,000 00
City Loan Bonds Nos. 3319 to 3327, payable 1907	9,000 00
City Loan Bonds Nos. 3328 to 3336, payable 1908	9,000 00
City Loan Bonds Nos. 3337 to 3345, payable 1909	9,000 00
City Loan Bonds Nos. 3346 to 3354, payable 1910	9,000 00
City Loan Bonds Nos. 3355 to 3363, payable 1911	9,000 00
City Loan Bonds Nos. 3364 to 3372, payable 1912	9,000 00
City Loan Bonds Nos. 3373 to 3381, payable 1913	9,000 00
City Loan Bonds Nos. 3382 to 3389, payable 1914	8,000 00
City Loan Bonds Nos. 3390 to 3397, payable 1915	8,000 00
City Loan Bonds Nos. 3398 to 3400, payable 1916	3,000 00
City Loan Bonds Nos. 3401 to 3403, payable 1917	3,000 00
City Loan Bonds Nos. 3404 to 3406, payable 1918	3,000 00
City Loan Bonds Nos. 3407 to 3409, payable 1919	3,000 00
City Loan Bonds Nos. 3410 to 3412, payable 1920	3,000 00
City Loan Bonds Nos. 3413 to 3415, payable 1921	3,000 00
City Loan Bonds Nos. 3416 to 3418, payable 1922	3,000 00
City Loan Bonds Nos. 3419 to 3421, payable 1923	3,000 00
City Loan Bonds Nos. 3422 to 3424, payable 1924	3,000 00
City Loan Bonds Nos. 3425 to 3427, payable 1925	3,000 00
Sewer Loan Bonds Nos. 329 to 358, payable 1906 to 1935	30,000 00

Total amount of bonds issued in 1905 \$148,000 00

The following bonds became due during the year :—

City Loan Bonds Nos. 1674 to 1679, interest 4 per cent.	\$6,000 00
City Loan Bonds Nos. 1900 to 1917, interest 4 per cent.	18,000 00
City Loan Bonds Nos. 2132 to 2139, interest 4 per cent.	8,000 00
City Loan Bonds Nos. 2294 to 2302, interest 4 per cent.	9,000 00
City Loan Bonds Nos. 2427 to 2436, interest 4 per cent.	10,000 00
City Loan Bonds Nos. 2556 to 2563, interest 4 per cent.	8,000 00
City Loan Bonds Nos. 2674 to 2685, interest 3½ per cent.,	12,000 00
City Loan Bonds Nos. 2802 to 2809, interest 3½ per cent.,	8,000 00
City Loan Bonds Nos. 2914 to 2923, interest 3½ per cent.,	10,000 00
City Loan Bonds Nos. 3028 to 3037, interest 4 per cent.	10,000 00
City Loan Bonds Nos. 3190 to 3197, interest 4 per cent.	8,000 00
City Loan Bond No. 3198, interest 4 per cent.	500 00
City Loan Bonds Nos. 1221 to 1223, interest 4 per cent.	3,000 00
City Loan Bonds Nos. 3152 to 3153, interest 4 per cent.	2,000 00
Sewer Loan Bond No. 64, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 181, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 205, interest 4 per cent.	1,000 00

Amount carried forward \$115,500 00

Amount brought forward	\$115,500 00
Sewer Loan Bond No. 227, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. 256, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. 280, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 304, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 47, interest 4½ per cent.	1,000 00
Sewer Loan Bonds Nos. 110 to 113, interest 4 per cent.	4,000 00
Paving Loan Bonds Nos. 61 to 65, interest 4 per cent.	5,000 00
Water Loan Bond No. b456, interest 4 per cent.	1,000 00
Water Loan Bonds Nos. 353 to 355, interest 4 per cent.	3,000 00
Water Loan Bonds Nos. 452 to 453, interest 4 per cent.	2,000 00
Metropolitan Park Assessment Loan Bond No. 3, interest 3½ per cent.	1,000 00
Total amount of bonds maturing in 1905	<u>\$136,500 00</u>

Leaving the net funded debt December 31, 1905, as per Table B, \$1,510,000, classified as follows:—

City Loan Bonds bearing interest at 3½ per cent.	\$397,000 00
City Loan Bonds bearing interest at 4 per cent.	717,000 00
City Loan Sewer Bonds bearing interest at 3½ per cent.,	78,000 00
City Loan Sewer Bonds bearing interest at 4 per cent.	151,000 00
City Loan Sewer Bonds bearing interest at 4½ per cent.,	6,000 00
City Loan Paving Bonds bearing interest at 4 per cent.	35,000 00
Water Loan Bonds bearing interest at 4 per cent.	92,000 00
Water Loan Bonds bearing interest at 5½ per cent.	10,000 00
Metropolitan Park Assessment Loan Bonds bearing interest at 3½ per cent.	24,000 00
	<u>\$1,510,000 00</u>
Total Funded Debt, City Loan	\$1,114,000 00
Total Funded Debt, Water Loan	102,000 00
Total Funded Debt, Paving Loan (outside legal limit)	35,000 00
Total Funded Debt, Sewer Loan	175,000 00
Total Funded Debt, Sewer Loan (outside legal limit)	60,000 00
Total Funded Debt, Metropolitan Park Assessment Loan (outside legal limit),	24,000 00
	<u>\$1,510,000 00</u>

Resources.

The assessors' warrant for the tax levy, assessed upon the polls and estates of the inhabitants, was duly received.

The total amount of taxable property was \$59,233,000, and the rate of taxation was \$18.30 on each \$1,000 valuation, as follows:—

Real estate, valuation	\$53,392,000 00
Personal estate, valuation	5,754,600 00
Non-resident bank shares	86,400 00
Total valuation	<u>\$59,233,000 00</u>
At a rate of \$18.30 on \$1,000 valuation	\$1,033,963 90
Polls, 19,258 at \$2	38,516 00
Amount carried forward	<u>\$1,122,479 90</u>

Amount brought forward	\$1,122,479 90
Street watering	21,520 24
	<hr/>
Total amount of tax levy	\$1,144,000 14
Borrowed on Funded Debt account to provide for the cost of public improvements and renewals of debt	148,000 00
Water works income	222,227 88
National bank and corporation taxes, applied to Police	31,139 98
Court fees, fines, etc., applied to Police	4,632 00
County of Middlesex, dog licenses, applied to Public Library	4,105 14
Street Railway tax for the year 1905, applied to Highways Maintenance	50,165 40
Boston Elevated Railway tax for the year 1905, applied to Highways Maintenance	8,107 66
	<hr/>
Total amount of resources	\$1,612,378 20

Appropriations from Funded Debt and from Income.

Balances unused and in process:—

CREDIT BALANCES.

Highways Construction	\$20 67
Highways Maintenance	4,646 56
Highways, Paved Gutters and Crossings	304 86
Highways, Paving Broadway, Bow and Summer Streets	15,544 17
Highways, Thorndike-street Subway	34 47
Public Buildings Construction:—	
Contagious Disease Hospital	3,012 53
High School Building	23,462 56
Luther V. Bell School Fire Escapes	734 81
Public Library, Isaac Pitman Income Fund, Art	84 45
Public Library, Isaac Pitman Income Fund, Poetry	58 39
Reduction of Funded Debt	10,851 39
Grade Crossings	977 30
Sewers Construction	4,711 52
Sidewalks Construction	739 75
	<hr/>
	\$65,183 43

Cash.

Balance on hand January 1, 1905	\$73,743 56
Total cash receipts for the year 1905	2,200,176 66
	<hr/>
Total cash disbursements for the year 1905	\$2,273,920 22
	<hr/>
Balance in the treasury December 31, 1905	\$116,483 89
Deposits in banks	\$113,297 62
Cash on hand	3,186 28
	<hr/>
	\$116,483 90

Assets and Liabilities.

The assets of the city available for the payment of its unfunded liabilities are as follows:—

Available assets:—

Commonwealth of Massachusetts	\$16,111 42	
Highway Betterment Assessments uncollected,	5,152 78	
Metered Water Charges uncollected	19,184 09	
Real Estate Liens	2,258 36	
Sewer Assessments uncollected	6,320 99	
Sidewalk Assessments uncollected	3,700 40	
Taxes uncollected	279,452 05	
Cash in treasury	116,483 89	
	<hr/>	\$448,663 98

Unfunded liabilities:—

Coupons unpaid	\$24,540 00	
Overplus on Tax Sales	118 13	
Redemption of Tax Liens	32 97	
Sundry Persons	524 21	
Excise Tax	223 01	
Temporary Loans	350,000 00	
	<hr/>	375,438 32
		<hr/>
		\$73,225 66

Balance Sheet.

DEBIT.

Public Property	\$3,901,675 72	
Excess of available assets	73,225 66	
	<hr/>	\$3,974,901 38

CREDIT.

Excess of appropriations from tax levy	\$5,496 14	
Excess of appropriations from tax levy, Overlay and Abatement	2,546 09	
Excess of appropriations from Funded Debt,	65,183 43	
Present Funded Debt	1,510,000 00	
	<hr/>	\$1,583,225 66
Property and Debt Balance or Municipal Capital	2,391,675 72	
	<hr/>	\$3,974,901 38

A detailed statement of the public property, funded debt, and the receipts and disbursements of the several accounts will be found in the following appendix.

Respectfully submitted,

JAMES F. BEARD,

Treasurer and Collector of Taxes.

APPENDIX TO TREASURER AND COLLECTOR'S REPORT

TABLE A.—PUBLIC PROPERTY DECEMBER 31, 1905.

Central Hill land (389,920 feet)		\$270,000 00
City Hall	\$35,332 32	
Furniture and fixtures	10,000 00	
	<hr/>	45,332 32
Public Library building	42,000 00	
Public Library	25,000 00	
	<hr/>	67,000 00
City Hall Annex		20,655 02
Albion A. Perry Schoolhouse, Washington street, land (46,080 feet) and building	36,000 00	
Furniture	1,080 00	
Books	530 00	
	<hr/>	37,610 00
Bingham Schoolhouse, land (35,586 feet) and building	66,285 04	
Furniture	2,600 00	
Books	2,300 00	
	<hr/>	71,185 04
Burns Schoolhouse, land (16,080 feet) and building	33,300 00	
Furniture	1,460 00	
Books	1,000 00	
	<hr/>	35,760 00
Charles G. Pope Schoolhouse, land (27,236 feet) and building	78,600 00	
Furniture	2,160 00	
Books	2,600 00	
	<hr/>	83,360 00
Cummings Schoolhouse, land (11,300 feet) and building	11,200 00	
Furniture	720 00	
Books	500 00	
	<hr/>	12,420 00
Davis Schoolhouse, land (30,155 feet) and building	22,000 00	
Furniture	720 00	
Books	400 00	
	<hr/>	23,120 00
Ederly Schoolhouse, land (24,000 feet) and building	42,000 00	
Furniture	2,230 00	
Books	2,800 00	
	<hr/>	47,030 00
English High Schoolhouse	134,000 00	
Furniture	3,900 00	
Philosophical and manual training apparatus	8,200 00	
Books	12,000 00	
	<hr/>	158,100 00
Amount carried forward		<hr/> \$871,572 38

Amount brought forward		\$871,572 38
Forster Schoolhouse and Annex, land (30,632 feet) and buildings	82,000 00	
Furniture	3,290 00	
Books	4,100 00	
	<hr/>	89,390 00
George L. Baxter Schoolhouse, land (11,000 feet) and building	31,800 00	
Furniture	1,155 64	
Books	450 00	
	<hr/>	33,405 64
George O. Proctor Schoolhouse, building (on Armory lot) (40,244 feet)	41,029 16	
Furniture	1,791 30	
Books	1,200 00	
	<hr/>	44,020 46
George W. Durell Schoolhouse, land (13,883 feet) and building	19,000 00	
Furniture	720 00	
Books	500 00	
	<hr/>	20,220 00
Highland Schoolhouse, land (23,260 feet) and building	58,000 00	
Furniture	2,560 00	
Books	2,800 00	
	<hr/>	63,360 00
Jacob T. Glines Schoolhouse, land (28,800 feet) and building	78,200 00	
Furniture	2,340 00	
Books	2,100 00	
	<hr/>	82,640 00
Latin High Schoolhouse	76,537 44	
Furniture	2,000 00	
Philosophical apparatus	500 00	
Books	3,300 00	
	<hr/>	82,337 44
Lincoln Schoolhouse, land (17,662 feet) and building	17,500 00	
Furniture	720 00	
Books	500 00	
	<hr/>	18,720 00
Luther V. Bell Schoolhouse, land (22,262 feet) and building	43,000 00	
Furniture	2,400 00	
Books	2,400 00	
	<hr/>	47,800 00
Martin W. Carr Schoolhouse, land (20,450 feet) and building	51,000 00	
Furniture	2,800 00	
Books	2,800 00	
	<hr/>	56,600 00
Morse Schoolhouse, land (29,000 feet) and building	45,859 00	
Furniture	2,340 00	
Books	2,800 00	
	<hr/>	50,999 00
Martha Perry Lowe Schoolhouse, land (21,- 650 feet) and building	50,346 16	
Furniture	1,480 00	
Books	800 00	
	<hr/>	52,626 16
Amount carried forward		\$1,513,691 08

Amount brought forward		\$1,513,691 08
O. S. Knapp Schoolhouse, land (24,517 feet)		
and building	48,000 00	
Furniture	2,540 00	
Books	3,000 00	
	<hr/>	53,540 00
Prescott Schoolhouse, land (22,000 feet) and		
building	64,000 00	
Furniture	2,260 00	
Books	2,700 00	
	<hr/>	68,960 00
Prospect-hill Schoolhouse, land (23,733 feet)		
and building		15,000 00
Benjamin G. Brown Schoolhouse, land		
(20,093 feet) and building	38,400 00	
Furniture	1,290 16	
Books	700 00	
	<hr/>	40,390 16
Sanford Hanscom Schoolhouse, land (12,750		
feet) and building	48,500 00	
Furniture	1,080 00	
Books	500 00	
	<hr/>	50,080 00
Clark W. Bennett Schoolhouse, land (16,250		
feet) and building	57,268 32	
Furniture	2,180 00	
Books	1,000 00	
	<hr/>	60,448 32
William H. Hodgkins Schoolhouse, land		
(35,034 feet) and building	69,300 00	
Furniture	2,400 00	
Books	2,300 00	
	<hr/>	74,000 00
City Stables, dwelling houses and 462,623		
feet of land	84,000 00	
Health Department, shed	1,189 79	
Equipments for highway repairs	21,690 00	
Watering carts and sheds	5,000 00	
	<hr/>	111,879 79
Water Works, land and buildings (93,500 feet)		32,000 00
No. 1 Fire Station, land (8,937 feet) and		
building	33,200 00	
Engine No. 2 and apparatus	4,000 00	
Hose wagon No. 1 and apparatus	1,500 00	
Furniture	400 00	
	<hr/>	39,100 00
No. 2 Fire Station, land (5,500 feet) and		
building	10,400 00	
Furniture	400 00	
Hose wagon No 2 and apparatus	1,500 00	
	<hr/>	12,300 00
No. 3 Fire Station, land (13,700 feet) and		
building	55,743 18	
Furniture	400 00	
Hose wagon No. 3 and apparatus	1,500 00	
Hook and ladder truck and apparatus	3,400 00	
Engine No. 3	5,375 00	
	<hr/>	66,418 18
Amount carried forward		\$2,137,807 53

Amount brought forward		\$2,137,807 53
No. 4 Fire Station, land (9,100 feet) and building	15,500 00	
Furniture	400 00	
Engine No. 4 and apparatus	4,000 00	
Combination wagon and apparatus	2,500 00	
	<hr/>	22,400 00
No. 5 Fire Station, land (39,000 feet) and building	16,500 00	
Furniture	400 00	
Hose wagon No. 5 and apparatus	1,500 00	
	<hr/>	18,400 00
No. 6 Fire Station, land (8,113 feet) and building	17,600 00	
Furniture	600 00	
Apparatus	4,850 00	
	<hr/>	23,050 00
Hook and Ladder Station No. 2, land (9,903 feet) and building	14,100 00	
Furniture	1,200 00	
Apparatus	7,500 00	
	<hr/>	22,800 00
Central Fire Station, land (11,738 feet) and building	36,700 00	
Furniture	500 00	
Engine No. 1 and apparatus	4,000 00	
Hose wagon and apparatus	2,000 00	
Two relief hose carriages	1,000 00	
One relief hook and ladder	400 00	
Chemical Engine A and equipment	2,498 53	
	<hr/>	47,098 53
Fire Alarm and Police Signal apparatus		36,610 00
Police Station, land (15,225 feet) and building	54,000 00	
Furniture	3,000 00	
	<hr/>	57,000 00
City Home, Broadway, land (421,646 feet) and buildings	36,475 64	
Furniture	1,426 09	
	<hr/>	37,901 73
Contagious Disease Hospital	4,187 47	
Land (88,364 feet)	15,600 00	
	<hr/>	19,787 47
Water Works		849,845 95
Prospect street, land (7,918 feet) and building		6,800 00
Broadway Park (cost \$212,993.20) (700,000 square feet)		270,000 00
Nathan Tufts Park (about 4 54-100 acres, 217,572 feet)		68,000 00
Lincoln Park, Washington street (288,764 square feet)	63,200 00	
Out-door Gymnasium	800 00	
	<hr/>	64,000 00
Prospect-hill Park (94,503 feet)	67,511 75	
Historical Building and Observatory	9,119 55	
	<hr/>	76,631 30
Franklin Park (40,000 feet)		12,000 00
Powder-House Boulevard (200,618 square feet) and building		22,500 00
	<hr/>	
Amount carried forward		\$3,792,632 51

Amount brought forward		\$3,792,632 51
Joy street, land (2,700 feet)		500 00
Broadway, land (10,890 feet)		2,300 00
College avenue, land (18,000 feet)		6,000 00
Webster avenue, land (10,000 feet)		2,500 00
Holland street, land (217,800 feet)		35,500 00
Gravel land in Waltham (about 35 acres)	15,000 00	
Rifle Range, building	693 21	
		<hr/>
		15,693 21
Gravel land rear North street (199,043 feet)		4,000 00
Oliver street, land (40,500 feet)		18,000 00
Whipple street, land (15,240 feet)		3,000 00
Beacon street, land (10,000 feet)		2,800 00
Passageway on Putnam street (1,135 feet)		400 00
Stand Pipe lot (17,176 feet)		5,100 00
Glen street, land (6,370 feet)		2,300 00
Somerville avenue, land (305 feet)		300 00
Broadway, junction Main street, land (1,260 feet)		900 00
Joy-street playground (20,000 feet)		9,750 00
		<hr/>
Total amount of public property		\$3,901,675 72

TABLE B.—FUNDED DEBT DECEMBER 31, 1905.
City Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When Due.	Denomination.	Amount.
April 1, 1905	3,310 to 3,318	3½	Apr. 1, 1906	\$1,000	\$9,000
July 1, 1894	1,680 to 1,685	4	July 1, 1906	1,000	6,000
July 1, 1895	1,918 to 1,932	4	July 1, 1906	1,000	15,000
July 1, 1896	2,140 to 2,147	4	July 1, 1906	1,000	8,000
July 1, 1897	2,303 to 2,311	4	July 1, 1906	1,000	9,000
July 1, 1898	2,437 to 2,446	4	July 1, 1906	1,000	10,000
July 1, 1899	2,564 to 2,570	4	July 1, 1906	1,000	7,000
July 2, 1900	2,686 to 2,695	3½	July 1, 1906	1,000	10,000
July 1, 1901	2,810 to 2,817	3½	July 1, 1906	1,000	8,000
July 1, 1902	2,924 to 2,933	3½	July 1, 1906	1,000	10,000
July 1, 1903	3,038 to 3,046	4	July 1, 1906	1,000	9,000
July 1, 1904	3,199 to 3,206	4	July 1, 1906	1,000	8,000
July 1, 1904	3,207	4	July 1, 1906	500	500
October 1, 1903	3,154 to 3,155	4	Oct. 1, 1906	1,000	2,000
April 1, 1905	3,319 to 3,327	3½	Apr. 1, 1907	1,000	9,000
July 1, 1894	1,686 to 1,691	4	July 1, 1907	1,000	6,000
July 1, 1895	1,933 to 1,947	4	July 1, 1907	1,000	15,000
July 1, 1896	2,148 to 2,155	4	July 1, 1907	1,000	8,000
July 1, 1897	2,312 to 2,320	4	July 1, 1907	1,000	9,000
July 1, 1898	2,447 to 2,456	4	July 1, 1907	1,000	10,000
July 1, 1899	2,571 to 2,577	4	July 1, 1907	1,000	7,000
July 2, 1900	2,696 to 2,705	3½	July 1, 1907	1,000	10,000
July 1, 1901	2,818 to 2,825	3½	July 1, 1907	1,000	8,000
July 1, 1902	2,934 to 2,942	3½	July 1, 1907	1,000	9,000
July 1, 1903	3,047 to 3,055	4	July 1, 1907	1,000	9,000
July 1, 1904	3,208 to 3,215	4	July 1, 1907	1,000	8,000
July 1, 1904	3,216	4	July 1, 1907	500	500
October 1, 1903	3,156 to 3,157	4	Oct. 1, 1907	1,000	2,000
April 1, 1905	3,328 to 3,336	3½	Apr. 1, 1908	1,000	9,000
	Amount	carried forward . .	. . . .		\$231,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . .	\$231,000
July 1, 1894	1,692 to 1,697	4	July 1, 1908	\$1,000	6,000
July 1, 1895	1,948 to 1,962	4	July 1, 1908	1,000	15,000
July 1, 1896	2,156 to 2,163	4	July 1, 1908	1,000	8,000
July 1, 1897	2,321 to 2,325	4	July 1, 1908	1,000	5,000
July 1, 1898	2,457 to 2,465	4	July 1, 1908	1,000	9,000
July 1, 1899	2,578 to 2,584	4	July 1, 1908	1,000	7,000
July 2, 1900	2,706 to 2,715	3½	July 1, 1908	1,000	10,000
July 1, 1901	2,826 to 2,832	3½	July 1, 1908	1,000	7,000
July 1, 1902	2,943 to 2,951	3½	July 1, 1908	1,000	9,000
July 1, 1903	3,056 to 3,064	4	July 1, 1908	1,000	9,000
July 1, 1904	3,217 to 3,224	4	July 1, 1908	1,000	8,000
July 1, 1904	3,225	4	July 1, 1908	500	500
October 1, 1903	3,158 to 3,159	4	Oct. 1, 1908	1,000	2,000
April 1, 1905	3,337 to 3,345	3½	Apr. 1, 1909	1,000	9,000
July 1, 1894	1,698 to 1,703	4	July 1, 1909	1,000	6,000
July 1, 1895	1,963 to 1,976	4	July 1, 1909	1,000	14,000
July 1, 1896	2,164 to 2,171	4	July 1, 1909	1,000	8,000
July 1, 1897	2,326 to 2,330	4	July 1, 1909	1,000	5,000
July 1, 1898	2,466 to 2,470	4	July 1, 1909	1,000	5,000
July 1, 1899	2,585 to 2,591	4	July 1, 1909	1,000	7,000
July 2, 1900	2,716 to 2,725	3½	July 1, 1909	1,000	10,000
July 1, 1901	2,833 to 2,839	3½	July 1, 1909	1,000	7,000
July 1, 1902	2,952 to 2,960	3½	July 1, 1909	1,000	9,000
July 1, 1903	3,065 to 3,073	4	July 1, 1909	1,000	9,000
July 1, 1904	3,226 to 3,233	4	July 1, 1909	1,000	8,000
July 1, 1904	3,234	4	July 1, 1909	500	500
October 1, 1903	3,160 to 3,161	4	Oct. 1, 1909	1,000	2,000
April 1, 1905	3,346 to 3,354	3½	Apr. 1, 1910	1,000	9,000
July 1, 1894	1,704 to 1,709	4	July 1, 1910	1,000	6,000
	Amount	carried	forward . .	. . . .	\$441,000

CITY LOAN BONDS. — Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . .	\$441,000
July 1, 1895	1,977 to 1,990	4	July 1, 1910	\$1,000	14,000
July 1, 1896	2,172 to 2,179	4	July 1, 1910	1,000	8,000
July 1, 1897	2,331 to 2,335	4	July 1, 1910	1,000	5,000
July 1, 1898	2,471 to 2,475	4	July 1, 1910	1,000	5,000
July 1, 1899	2,592 to 2,595	4	July 1, 1910	1,000	4,000
July 2, 1900	2,726 to 2,735	3½	July 1, 1910	1,000	10,000
July 1, 1901	2,840 to 2,846	3½	July 1, 1910	1,000	7,000
July 1, 1902	2,961 to 2,969	3½	July 1, 1910	1,000	9,000
July 1, 1903	3,074 to 3,082	4	July 1, 1910	1,000	9,000
July 1, 1904	3,235 to 3,239	4	July 1, 1910	1,000	5,000
July 1, 1904	3,240	4	July 1, 1910	500	500
July 1, 1904	3,241 to 3,242	4	July 1, 1910	1,000	2,000
July 1, 1904	3,243	4	July 1, 1910	500	500
October 1, 1903	3,162 to 3,163	4	Oct. 1, 1910	1,000	2,000
April 1, 1905	3,355 to 3,363	3½	Apr. 1, 1911	1,000	9,000
July 1, 1894	1,710 to 1,715	4	July 1, 1911	1,000	6,000
July 1, 1895	1,991 to 2,004	4	July 1, 1911	1,000	14,000
July 1, 1896	2,180 to 2,187	4	July 1, 1911	1,000	8,000
July 1, 1897	2,336 to 2,340	4	July 1, 1911	1,000	5,000
July 1, 1898	2,476 to 2,480	4	July 1, 1911	1,000	5,000
July 1, 1899	2,596 to 2,599	4	July 1, 1911	1,000	4,000
July 2, 1900	2,736 to 2,740	3½	July 1, 1911	1,000	5,000
July 1, 1901	2,847 to 2,853	3½	July 1, 1911	1,000	7,000
July 1, 1902	2,970 to 2,978	3½	July 1, 1911	1,000	9,000
July 1, 1903	3,083 to 3,091	4	July 1, 1911	1,000	9,000
July 1, 1904	3,244 to 3,248	4	July 1, 1911	1,000	5,000
July 1, 1904	3,249	4	July 1, 1911	500	500
July 1, 1904	3,250 to 3,251	4	July 1, 1911	1,000	2,000
July 1, 1904	3,252	4	July 1, 1911	500	500
October 1, 1903	3,164 to 3,165	4	Oct. 1, 1911	1,000	2,000
	Amount	carried	forward . .	. . . .	\$613,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . .	\$613,000
April 1, 1905	3,364 to 3,372	3½	Apr. 1, 1912	\$1,000	9,000
July 1, 1894	1,716 to 1,721	4	July 1, 1912	1,000	6,000
July 1, 1895	2,005 to 2,018	4	July 1, 1912	1,000	14,000
July 1, 1896	2,188 to 2,194	4	July 1, 1912	1,000	7,000
July 1, 1897	2,341 to 2,344	4	July 1, 1912	1,000	4,000
July 1, 1898	2,481 to 2,485	4	July 1, 1912	1,000	5,000
July 1, 1899	2,600 to 2,603	4	July 1, 1912	1,000	4,000
July 2, 1900	2,741 to 2,745	3½	July 1, 1912	1,000	5,000
July 1, 1901	2,854 to 2,857	3½	July 1, 1912	1,000	4,000
July 1, 1902	2,979 to 2,987	3½	July 1, 1912	1,000	9,000
July 1, 1903	3,092 to 3,100	4	July 1, 1912	1,000	9,000
July 1, 1904	3,253 to 3,257	4	July 1, 1912	1,000	5,000
July 1, 1904	3,258	4	July 1, 1912	500	500
July 1, 1904	3,259 to 3,260	4	July 1, 1912	1,000	2,000
July 1, 1904	3,261	4	July 1, 1912	500	500
October 1, 1903	3,166 to 3,167	4	Oct. 1, 1912	1,000	2,000
April 1, 1905	3,373 to 3,381	3½	Apr. 1, 1913	1,000	9,000
July 1, 1894	1,722 to 1,727	4	July 1, 1913	1,000	6,000
July 1, 1895	2,019 to 2,031	4	July 1, 1913	1,000	13,000
July 1, 1896	2,195 to 2,201	4	July 1, 1913	1,000	7,000
July 1, 1897	2,345 to 2,348	4	July 1, 1913	1,000	4,000
July 1, 1898	2,486 to 2,490	4	July 1, 1913	1,000	5,000
July 1, 1899	2,604 to 2,607	4	July 1, 1913	1,000	4,000
July 2, 1900	2,746 to 2,749	3½	July 1, 1913	1,000	4,000
July 1, 1901	2,858 to 2,861	3½	July 1, 1913	1,000	4,000
July 1, 1902	2,988 to 2,990	3½	July 1, 1913	1,000	3,000
July 1, 1903	3,101 to 3,109	4	July 1, 1913	1,000	9,000
July 1, 1904	3,262 to 3,266	4	July 1, 1913	1,000	5,000
July 1, 1904	3,267	4	July 1, 1913	500	500
July 1, 1904	3,268 to 3,269	4	July 1, 1913	1,000	2,000
	Amount	carried	forward . .	. . . .	\$774,500

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . .	\$774,500
July 1, 1904	3,270	4	July 1, 1913	\$500	500
October 1, 1903	3,168 to 3,169	4	Oct. 1, 1913	1,000	2,000
April 1, 1905	3,382 to 3,389	3½	Apr. 1, 1914	1,000	3,000
July 1, 1894	1,728 to 1,733	4	July 1, 1914	1,000	6,000
July 1, 1895	2,032 to 2,044	4	July 1, 1914	1,000	13,000
July 1, 1896	2,202 to 2,208	4	July 1, 1914	1,000	7,000
July 1, 1897	2,349 to 2,352	4	July 1, 1914	1,000	4,000
July 1, 1898	2,491 to 2,495	4	July 1, 1914	1,000	5,000
July 1, 1899	2,608 to 2,611	4	July 1, 1914	1,000	4,000
July 2, 1900	2,750 to 2,753	3½	July 1, 1914	1,000	4,000
July 1, 1901	2,862 to 2,865	3½	July 1, 1914	1,000	4,000
July 1, 1902	2,991 to 2,993	3½	July 1, 1914	1,000	3,000
July 1, 1903	3,110 to 3,113	4	July 1, 1914	1,000	4,000
July 1, 1904	3,271 to 3,275	4	July 1, 1914	1,000	5,000
July 1, 1904	3,276	4	July 1, 1914	500	500
July 1, 1904	3,277 to 3,278	4	July 1, 1914	1,000	2,000
July 1, 1904	3,279	4	July 1, 1914	500	500
October 1, 1903	3,170 to 3,171	4	Oct. 1, 1914	1,000	2,000
April 1, 1905	3,390 to 3,397	3½	Apr. 1, 1915	1,000	3,000
July 1, 1895	2,045 to 2,057	4	July 1, 1915	1,000	13,000
July 1, 1896	2,209 to 2,215	4	July 1, 1915	1,000	7,000
July 1, 1897	2,353 to 2,356	4	July 1, 1915	1,000	4,000
July 1, 1898	2,496 to 2,500	4	July 1, 1915	1,000	5,000
July 1, 1899	2,612 to 2,614	4	July 1, 1915	1,000	3,000
July 2, 1900	2,754 to 2,757	3½	July 1, 1915	1,000	4,000
July 1, 1901	2,866 to 2,869	3½	July 1, 1915	1,000	4,000
July 1, 1902	2,994 to 2,996	3½	July 1, 1915	1,000	3,000
July 1, 1903	3,114 to 3,117	4	July 1, 1915	1,000	4,000
July 1, 1904	3,280 to 3,281	4	July 1, 1915	1,000	2,000
July 1, 1904	3,282	4	July 1, 1915	500	500
	Amount	carried	forward . .	. . . . .	\$906,500

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward		\$906,500
October 1, 1903	3,172 to 3,173	4	Oct. 1, 1915	\$1,000	2,000
April 1, 1905	3,398 to 3,400	3½	Apr. 1, 1916	1,000	3,000
July 1, 1896	2,216 to 2,222	4	July 1, 1916	1,000	7,000
July 1, 1897	2,357 to 2,360	4	July 1, 1916	1,000	4,000
July 1, 1898	2,501 to 2,505	4	July 1, 1916	1,000	5,000
July 1, 1899	2,615 to 2,617	4	July 1, 1916	1,000	3,000
July 2, 1900	2,758 to 2,761	3½	July 1, 1916	1,000	4,000
July 1, 1901	2,870 to 2,873	3½	July 1, 1916	1,000	4,000
July 1, 1902	2,997 to 2,999	3½	July 1, 1916	1,000	3,000
July 1, 1903	3,118 to 3,121	4	July 1, 1916	1,000	4,000
July 1, 1904	3,283 to 3,284	4	July 1, 1916	1,000	2,000
July 1, 1904	3,285	4	July 1, 1916	500	500
October 1, 1903	3,174 to 3,175	4	Oct. 1, 1916	1,000	2,000
April 1, 1905	3,401 to 3,403	3½	Apr. 1, 1917	1,000	3,000
July 1, 1897	2,361 to 2,364	4	July 1, 1917	1,000	4,000
July 1, 1898	2,506 to 2,510	4	July 1, 1917	1,000	5,000
July 1, 1899	2,618 to 2,620	4	July 1, 1917	1,000	3,000
July 2, 1900	2,762 to 2,765	3½	July 1, 1917	1,000	4,000
July 1, 1901	2,874 to 2,877	3½	July 1, 1917	1,000	4,000
July 1, 1902	3,000 to 3,002	3½	July 1, 1917	1,000	3,000
July 1, 1903	3,122 to 3,125	4	July 1, 1917	1,000	4,000
July 1, 1904	3,286 to 3,287	4	July 1, 1917	1,000	2,000
July 1, 1904	3,288	4	July 1, 1917	500	500
October 1, 1903	3,176 to 3,177	4	Oct. 1, 1917	1,000	2,000
April 1, 1905	3,404 to 3,406	3½	Apr. 1, 1918	1,000	3,000
July 1, 1898	2,511 to 2,515	4	July 1, 1918	1,000	5,000
July 1, 1899	2,621 to 2,623	4	July 1, 1918	1,000	3,000
July 2, 1900	2,766 to 2,769	3½	July 1, 1918	1,000	4,000
July 1, 1901	2,878 to 2,881	3½	July 1, 1918	1,000	4,000
July 1, 1902	3,003 to 3,005	3½	July 1, 1918	1,000	3,000
	Amount	carried	forward		\$1,006,500

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . .	\$1,006,500
July 1, 1903	3,126 to 3,129	4	July 1, 1918	\$1,000	4,000
July 1, 1904	3,289 to 3,290	4	July 1, 1918	1,000	2,000
July 1, 1904	3,291	4	July 1, 1918	500	500
October 1, 1903	3,178 to 3,179	4	Oct. 1, 1918	1,000	2,000
April 1, 1905	3,407 to 3,409	3½	Apr. 1, 1919	1,000	3,000
July 1, 1899	2,624 to 2,625	4	July 1, 1919	1,000	2,000
July 2, 1900	2,770 to 2,773	3½	July 1, 1919	1,000	4,000
July 1, 1901	2,882 to 2,885	3½	July 1, 1919	1,000	4,000
July 1, 1902	3,006 to 3,008	3½	July 1, 1919	1,000	3,000
July 1, 1903	3,130 to 3,133	4	July 1, 1919	1,000	4,000
July 1, 1904	3,292 to 3,293	4	July 1, 1919	1,000	2,000
July 1, 1904	3,294	4	July 1, 1919	500	500
October 1, 1903	3,180 to 3,181	4	Oct. 1, 1919	1,000	2,000
April 1, 1905	3,410 to 3,412	3½	Apr. 1, 1920	1,000	3,000
July 2, 1900	2,774 to 2,777	3½	July 1, 1920	1,000	4,000
July 1, 1901	2,886 to 2,889	3½	July 1, 1920	1,000	4,000
July 1, 1902	3,009 to 3,011	3½	July 1, 1920	1,000	3,000
July 1, 1903	3,134 to 3,137	4	July 1, 1920	1,000	4,000
July 1, 1904	3,295 to 3,296	4	July 1, 1920	1,000	2,000
July 1, 1904	3,297	4	July 1, 1920	500	500
October 1, 1903	3,182 to 3,183	4	Oct. 1, 1920	1,000	2,000
April 1, 1905	3,413 to 3,415	3½	Apr. 1, 1921	1,000	3,000
July 1, 1901	2,890 to 2,893	3½	July 1, 1921	1,000	4,000
July 1, 1901	3,012 to 3,014	3½	July 1, 1921	1,000	3,000
July 1, 1903	3,138 to 3,141	4	July 1, 1921	1,000	4,000
July 1, 1904	3,298 to 3,299	4	July 1, 1921	1,000	2,000
July 1, 1904	3,300	4	July 1, 1921	500	500
October 1, 1903	3,184 to 3,185	4	Oct. 1, 1921	1,000	2,000
April 1, 1905	3,416 to 3,418	3½	Apr. 1, 1922	1,000	3,000
July 1, 1901	3,015 to 3,016	3½	July 1, 1922	1,000	2,000
	Amount	carried	forward . .	. . . .	\$1,085,500

CITY LOAN BONDS.—Concluded.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . . .	\$1,085,500
July 1, 1903	3,142 to 3,145	4	July 1, 1922	\$1,000	4,000
July 1, 1904	3,301 to 3,302	4	July 1, 1922	1,000	2,000
July 1, 1904	3,303	4	July 1, 1922	500	500
October 1, 1903	3,186 to 3,187	4	Oct. 1, 1922	1,000	2,000
April 1, 1905	3,419 to 3,421	3½	Apr. 1, 1923	1,000	3,000
July 1, 1903	3,146 to 3,149	4	July 1, 1923	1,000	4,000
July 1, 1904	3,304 to 3,305	4	July 1, 1923	1,000	2,000
July 1, 1904	3,306	4	July 1, 1923	500	500
October 1, 1903	3,188 to 3,189	4	Oct. 1, 1923	1,000	2,000
April 1, 1905	3,422 to 3,424	3½	Apr. 1, 1924	1,000	3,000
July 1, 1904	3,307 to 3,308	4	July 1, 1924	1,000	2,000
July 1, 1904	3,309	4	July 1, 1924	500	500
April 1, 1905	3,425 to 3,427	3½	Apr. 1, 1925	1,000	3,000
	Total amount	of City	Loan Bonds	. . . . .	\$1,114,000

Sewer Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
April 1, 1905	329	3½	Apr. 1, 1906	\$1,000	\$1,000
July 1, 1894	65	4	July 1, 1906	1,000	1,000
July 1, 1897	182	4	July 1, 1906	1,000	1,000
July 1, 1898	206	4	July 1, 1906	1,000	1,000
July 1, 1901	228	3½	July 1, 1906	1,000	1,000
July 1, 1902	257	3½	July 1, 1906	1,000	1,000
July 1, 1903	281	4	July 1, 1906	1,000	1,000
July 1, 1904	305	4	July 1, 1906	1,000	1,000
October 1, 1893	48	4½	Oct. 1, 1906	1,000	1,000
April 1, 1905	330	3½	Apr. 1, 1907	1,000	1,000
July 1, 1894	66	4	July 1, 1907	1,000	1,000
July 1, 1897	183	4	July 1, 1907	1,000	1,000
July 1, 1898	207	4	July 1, 1907	1,000	1,000
July 1, 1901	229	3½	July 1, 1907	1,000	1,000
July 1, 1902	258	3½	July 1, 1907	1,000	1,000
July 1, 1903	282	4	July 1, 1907	1,000	1,000
July 1, 1904	306	4	July 1, 1907	1,000	1,000
October 1, 1893	49	4½	Oct. 1, 1907	1,000	1,000
April 1, 1905	331	3½	Apr. 1, 1908	1,000	1,000
July 1, 1894	67	4	July 1, 1908	1,000	1,000
July 1, 1897	184	4	July 1, 1908	1,000	1,000
July 1, 1898	208	4	July 1, 1908	1,000	1,000
July 1, 1901	230	3½	July 1, 1908	1,000	1,000
July 1, 1902	259	3½	July 1, 1908	1,000	1,000
July 1, 1903	283	4	July 1, 1908	1,000	1,000
July 1, 1904	307	4	July 1, 1908	1,000	1,000
October 1, 1893	50	4½	Oct. 1, 1908	1,000	1,000
April 1, 1905	332	3½	Apr. 1, 1909	1,000	1,000
July 1, 1894	68	4	July 1, 1909	1,000	1,000
	Amount	carried	forward . .	.....	\$29,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought forward . .	. . . . .		\$29,000
July 1, 1897	185	4	July 1, 1909	\$1,000	1,000
July 1, 1898	209	4	July 1, 1909	1,000	1,000
July 1, 1901	231	3½	July 1, 1909	1,000	1,000
July 1, 1902	260	3½	July 1, 1909	1,000	1,000
July 1, 1903	284	4	July 1, 1909	1,000	1,000
July 1, 1904	308	4	July 1, 1909	1,000	1,000
October 1, 1893	51	4½	Oct. 1, 1909	1,000	1,000
April 1, 1905	333	3½	Apr. 1, 1910	1,000	1,000
July 1, 1894	69	4	July 1, 1910	1,000	1,000
July 1, 1897	186	4	July 1, 1910	1,000	1,000
July 1, 1898	210	4	July 1, 1910	1,000	1,000
July 1, 1901	232	3½	July 1, 1910	1,000	1,000
July 1, 1902	261	3½	July 1, 1910	1,000	1,000
July 1, 1903	285	4	July 1, 1910	1,000	1,000
July 1, 1904	309	4	July 1, 1910	1,000	1,000
October 1, 1893	52	4½	Oct. 1, 1910	1,000	1,000
April 1, 1905	334	3½	Apr. 1, 1911	1,000	1,000
July 1, 1894	70	4	July 1, 1911	1,000	1,000
July 1, 1897	187	4	July 1, 1911	1,000	1,000
July 1, 1898	211	4	July 1, 1911	1,000	1,000
July 1, 1901	233	3½	July 1, 1911	1,000	1,000
July 1, 1902	262	3½	July 1, 1911	1,000	1,000
July 1, 1903	286	4	July 1, 1911	1,000	1,000
July 1, 1904	310	4	July 1, 1911	1,000	1,000
October 1, 1893	53	4½	Oct. 1, 1911	1,000	1,000
April 1, 1905	335	3½	Apr. 1, 1912	1,000	1,000
July 1, 1894	71	4	July 1, 1912	1,000	1,000
July 1, 1897	188	4	July 1, 1912	1,000	1,000
July 1, 1898	212	4	July 1, 1912	1,000	1,000
	Amount	carried forward . .	. . . . .		\$58,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount brought forward . . .				\$58,000
July 1, 1901	234	3½	July 1, 1912	\$1,000	1,000
July 1, 1902	263	3½	July 1, 1912	1,000	1,000
July 1, 1903	287	4	July 1, 1912	1,000	1,000
July 1, 1904	311	4	July 1, 1912	1,000	1,000
April 1, 1905	336	3½	Apr. 1, 1913	1,000	1,000
July 1, 1894	72	4	July 1, 1913	1,000	1,000
July 1, 1897	189	4	July 1, 1913	1,000	1,000
July 1, 1898	213	4	July 1, 1913	1,000	1,000
July 1, 1901	235	3½	July 1, 1913	1,000	1,000
July 1, 1902	264	3½	July 1, 1913	1,000	1,000
July 1, 1903	288	4	July 1, 1913	1,000	1,000
July 1, 1904	312	4	July 1, 1913	1,000	1,000
April 1, 1905	337	3½	Apr. 1, 1914	1,000	1,000
July 1, 1894	73	4	July 1, 1914	1,000	1,000
July 1, 1897	190	4	July 1, 1914	1,000	1,000
July 1, 1898	214	4	July 1, 1914	1,000	1,000
July 1, 1901	236	3½	July 1, 1914	1,000	1,000
July 1, 1902	265	3½	July 1, 1914	1,000	1,000
July 1, 1903	289	4	July 1, 1914	1,000	1,000
July 1, 1904	313	4	July 1, 1914	1,000	1,000
April 1, 1905	338	3½	Apr. 1, 1915	1,000	1,000
July 1, 1897	191	4	July 1, 1915	1,000	1,000
July 1, 1898	215	4	July 1, 1915	1,000	1,000
July 1, 1901	237	3½	July 1, 1915	1,000	1,000
July 1, 1902	266	3½	July 1, 1915	1,000	1,000
July 1, 1903	290	4	July 1, 1915	1,000	1,000
July 1, 1904	314	4	July 1, 1915	1,000	1,000
April 1, 1905	339	3½	Apr. 1, 1916	1,000	1,000
July 1, 1897	192	4	July 1, 1916	1,000	1,000
	Amount carried forward . . .				\$87,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount brought forward				\$87,000
July 1, 1898	216	4	July 1, 1916	\$1,000	1,000
July 1, 1901	238	3½	July 1, 1916	1,000	1,000
July 1, 1902	267	3½	July 1, 1916	1,000	1,000
July 1, 1903	291	4	July 1, 1916	1,000	1,000
July 1, 1904	315	4	July 1, 1916	1,000	1,000
April 1, 1905	340	3½	Apr. 1, 1917	1,000	1,000
July 1, 1897	193	4	July 1, 1917	1,000	1,000
July 1, 1898	217	4	July 1, 1917	1,000	1,000
July 1, 1901	239	3½	July 1, 1917	1,000	1,000
July 1, 1902	268	3½	July 1, 1917	1,000	1,000
July 1, 1903	292	4	July 1, 1917	1,000	1,000
July 1, 1904	316	4	July 1, 1917	1,000	1,000
April 1, 1905	341	3½	Apr. 1, 1918	1,000	1,000
July 1, 1897	194	4	July 1, 1918	1,000	1,000
July 1, 1898	218	4	July 1, 1918	1,000	1,000
July 1, 1901	240	3½	July 1, 1918	1,000	1,000
July 1, 1902	269	3½	July 1, 1918	1,000	1,000
July 1, 1903	293	4	July 1, 1918	1,000	1,000
July 1, 1904	317	4	July 1, 1918	1,000	1,000
April 1, 1905	342	3½	Apr. 1, 1919	1,000	1,000
July 1, 1897	195	4	July 1, 1919	1,000	1,000
July 1, 1898	219	4	July 1, 1919	1,000	1,000
July 1, 1901	241	3½	July 1, 1919	1,000	1,000
July 1, 1902	270	3½	July 1, 1919	1,000	1,000
July 1, 1903	294	4	July 1, 1919	1,000	1,000
July 1, 1904	318	4	July 1, 1919	1,000	1,000
April 1, 1905	343	3½	Apr. 1, 1920	1,000	1,000
July 1, 1897	196	4	July 1, 1920	1,000	1,000
July 1, 1898	220	4	July 1, 1920	1,000	1,000
	Amount carried forward				\$116,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest	When due.	Denomination.	Amount.
	Amount	brought	forward .	. . .	\$116,000
July 1, 1901	242	3½	July 1, 1920	\$1,000	1,000
July 1, 1902	271	3½	July 1, 1920	1,000	1,000
July 1, 1903	295	4	July 1, 1920	1,000	1,000
July 1, 1904	319	4	July 1, 1920	1,000	1,000
April 1, 1905	344	3½	Apr. 1, 1921	1,000	1,000
July 1, 1897	197	4	July 1, 1921	1,000	1,000
July 1, 1898	221	4	July 1, 1921	1,000	1,000
July 1, 1901	243	3½	July 1, 1921	1,000	1,000
July 1, 1902	272	3½	July 1, 1921	1,000	1,000
July 1, 1903	296	4	July 1, 1921	1,000	1,000
July 1, 1904	320	4	July 1, 1921	1,000	1,000
April 1, 1905	345	3½	Apr. 1, 1922	1,000	1,000
July 1, 1897	198	4	July 1, 1922	1,000	1,000
July 1, 1898	222	4	July 1, 1922	1,000	1,000
July 1, 1901	244	3½	July 1, 1922	1,000	1,000
July 1, 1902	273	3½	July 1, 1922	1,000	1,000
July 1, 1903	297	4	July 1, 1922	1,000	1,000
July 1, 1904	321	4	July 1, 1922	1,000	1,000
April 1, 1905	346	3½	Apr. 1, 1923	1,000	1,000
July 1, 1898	223	4	July 1, 1923	1,000	1,000
July 1, 1901	245	3½	July 1, 1923	1,000	1,000
July 1, 1902	274	3½	July 1, 1923	1,000	1,000
July 1, 1903	298	4	July 1, 1923	1,000	1,000
July 1, 1904	322	4	July 1, 1923	1,000	1,000
April 1, 1905	347	3½	Apr. 1, 1924	1,000	1,000
July 1, 1901	246	3½	July 1, 1924	1,000	1,000
July 1, 1902	275	3½	July 1, 1924	1,000	1,000
July 1, 1903	299	4	July 1, 1924	1,000	1,000
July 1, 1904	323	4	July 1, 1924	1,000	1,000
	Amount	carried	forward .	. . .	\$145,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest	When due.	Denomination.	Amount.
	Amount	brought forward	. . .		\$145,600
April 1, 1905	348	3½	Apr. 1, 1925	\$1,000	1,000
July 1, 1901	247	3½	July 1, 1925	1,000	1,000
July 1, 1902	276	3½	July 1, 1925	1,000	1,000
July 1, 1903	300	4	July 1, 1925	1,000	1,000
July 1, 1904	324	4	July 1, 1925	1,000	1,000
April 1, 1905	349	3½	Apr. 1, 1926	1,000	1,000
July 1, 1901	248	3½	July 1, 1926	1,000	1,000
July 1, 1902	277	3½	July 1, 1926	1,000	1,000
July 1, 1903	301	4	July 1, 1926	1,000	1,000
July 1, 1904	325	4	July 1, 1926	1,000	1,000
April 1, 1905	350	3½	Apr. 1, 1927	1,000	1,000
July 1, 1901	249	3½	July 1, 1927	1,000	1,000
July 1, 1902	278	3½	July 1, 1927	1,000	1,000
July 1, 1903	302	4	July 1, 1927	1,000	1,000
July 1, 1904	326	4	July 1, 1927	1,000	1,000
April 1, 1905	351	3½	Apr. 1, 1928	1,000	1,000
July 1, 1901	250	3½	July 1, 1928	1,000	1,000
July 1, 1903	303	4	July 1, 1928	1,000	1,000
July 1, 1904	327	4	July 1, 1928	1,000	1,000
April 1, 1905	352	3½	Apr. 1, 1929	1,000	1,000
July 1, 1901	251	3½	July 1, 1929	1,000	1,000
July 1, 1904	328	4	July 1, 1929	1,000	1,000
April 1, 1905	353	3½	Apr. 1, 1930	1,000	1,000
July 1, 1901	252	3½	July 1, 1930	1,000	1,000
April 1, 1905	354	3½	Apr. 1, 1931	1,000	1,000
July 1, 1901	253	3½	July 1, 1931	1,000	1,000
April 1, 1905	355	3½	Apr. 1, 1932	1,000	1,000
April 1, 1905	356	3½	Apr. 1, 1933	1,000	1,000
April 1, 1905	357	3½	Apr. 1, 1934	1,000	1,000
April 1, 1905	358	3½	Apr. 1, 1935	1,000	1,000
Total amount	of Sewer Loan	Bonds	under debt	limit .	\$175,000

SEWER LOAN BONDS.—Concluded.

ISSUED UNDER AUTHORITY OF CHAPTER 357, ACTS OF 1895, BEYOND THE LIMIT
FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomi- nation.	Amount.
July 1, 1895	114 to 116	4	July 1, 1906	\$1,000	\$3,000
July 1, 1895	117 to 119	4	July 1, 1907	1,000	3,000
July 1, 1895	120 to 122	4	July 1, 1908	1,000	3,000
July 1, 1895	123 to 125	4	July 1, 1909	1,000	3,000
July 1, 1895	126 to 128	4	July 1, 1910	1,000	3,000
July 1, 1895	129 to 131	4	July 1, 1911	1,000	3,000
July 1, 1895	132 to 134	4	July 1, 1912	1,000	3,000
July 1, 1895	135 to 137	4	July 1, 1913	1,000	3,000
July 1, 1895	138 to 140	4	July 1, 1914	1,000	3,000
July 1, 1895	141 to 143	4	July 1, 1915	1,000	3,000
July 1, 1895	144 to 146	4	July 1, 1916	1,000	3,000
July 1, 1895	147 to 149	4	July 1, 1917	1,000	3,000
July 1, 1895	150 to 152	4	July 1, 1918	1,000	3,000
July 1, 1895	153 to 155	4	July 1, 1919	1,000	3,000
July 1, 1895	156 to 158	4	July 1, 1920	1,000	3,000
July 1, 1895	159 to 161	4	July 1, 1921	1,000	3,000
July 1, 1895	162 to 164	4	July 1, 1922	1,000	3,000
July 1, 1895	165 to 167	4	July 1, 1923	1,000	3,000
July 1, 1895	168 to 170	4	July 1, 1924	1,000	3,000
July 1, 1895	171 to 173	4	July 1, 1925	1,000	3,000
Total amount	of Sewer Loan	Bonds	under above	Act . .	\$60,000

City Loan Paving Bonds.

ISSUED UNDER AUTHORITY OF CHAPTER 153, ACTS OF 1892, BEYOND THE LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
October 1, 1892	66 to 70	4	Oct. 1, 1906	\$1,000	\$5,000
October 1, 1892	71 to 75	4	Oct. 1, 1907	1,000	5,000
October 1, 1892	76 to 80	4	Oct. 1, 1908	1,000	5,000
October 1, 1892	81 to 85	4	Oct. 1, 1909	1,000	5,000
October 1, 1892	86 to 90	4	Oct. 1, 1910	1,000	5,000
October 1, 1892	91 to 95	4	Oct. 1, 1911	1,000	5,000
October 1, 1892	96 to 100	4	Oct. 1, 1912	1,000	5,000
Total amount of Paving			Bonds . . .	. . .	\$35,000

Water Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
July 1, 1876	30 to 31	5½	July 1, 1906	\$5,000	\$10,000
July 1, 1896	b457	4	July 1, 1906	1,000	1,000
October 1, 1889	356 to 358	4	Oct. 1, 1906	1,000	3,000
October 1, 1890	454 to 455	4	Oct. 1, 1906	1,000	2,000
July 1, 1886	267 to 276	4	July 1, 1907	1,000	10,000
July 1, 1888	291	4	July 1, 1907	1,000	1,000
July 1, 1896	b458	4	July 1, 1907	1,000	1,000
October 1, 1889	359 to 361	4	Oct. 1, 1907	1,000	3,000
October 1, 1890	456 to 457	4	Oct. 1, 1907	1,000	2,000
July 1, 1888	292	4	July 1, 1908	1,000	1,000
July 1, 1896	b459	4	July 1, 1908	1,000	1,000
October 1, 1889	362 to 364	4	Oct. 1, 1908	1,000	3,000
October 1, 1890	458 to 459	4	Oct. 1, 1908	1,000	2,000
July 1, 1888	293	4	July 1, 1909	1,000	1,000
October 1, 1889	365 to 367	4	Oct. 1, 1909	1,000	3,000
October 1, 1890	423 to 424	4	Oct. 1, 1909	1,000	2,000
July 1, 1888	294	4	July 1, 1910	1,000	1,000
October 1, 1889	368 to 370	4	Oct. 1, 1910	1,000	3,000
October 1, 1890	426 to 427	4	Oct. 1, 1910	1,000	2,000
July 1, 1888	295	4	July 1, 1911	1,000	1,000
October 1, 1889	371 to 373	4	Oct. 1, 1911	1,000	3,000
October 1, 1890	428 to 429	4	Oct. 1, 1911	1,000	2,000
July 1, 1888	296	4	July 1, 1912	1,000	1,000
October 1, 1889	374 to 376	4	Oct. 1, 1912	1,000	3,000
October 1, 1890	430 to 431	4	Oct. 1, 1912	1,000	2,000
	Amount	carried	forward . . .		\$64,000

WATER LOAN BONDS.—Concluded.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
	Amount	brought	forward . .	. . . . .	\$64,000
July 1, 1888	297	4	July 1, 1913	\$1,000	1,000
October 1, 1889	377 to 379	4	Oct. 1, 1913	1,000	3,000
October 1, 1890	432 to 433	4	Oct. 1, 1913	1,000	2,000
July 1, 1888	298	4	July 1, 1914	1,000	1,000
October 1, 1889	380 to 382	4	Oct. 1, 1914	1,000	3,000
October 1, 1890	434 to 435	4	Oct. 1, 1914	1,000	2,000
July 1, 1888	299	4	July 1, 1915	1,000	1,000
October 1, 1889	383 to 384	4	Oct. 1, 1915	1,000	2,000
October 1, 1890	436 to 437	4	Oct. 1, 1915	1,000	2,000
July 1, 1888	300	4	July 1, 1916	1,000	1,000
October 1, 1889	385 to 386	4	Oct. 1, 1916	1,000	2,000
October 1, 1890	438 to 439	4	Oct. 1, 1916	1,000	2,000
July 1, 1888	301	4	July 1, 1917	1,000	1,000
October 1, 1889	387 to 388	4	Oct. 1, 1917	1,000	2,000
October 1, 1890	440 to 441	4	Oct. 1, 1917	1,000	2,000
July 1, 1888	302	4	July 1, 1918	1,000	1,000
October 1, 1889	389 to 390	4	Oct. 1, 1918	1,000	2,000
October 1, 1890	442 to 443	4	Oct. 1, 1918	1,000	2,000
October 1, 1889	391 to 392	4	Oct. 1, 1919	1,000	2,000
October 1, 1890	444 to 445	4	Oct. 1, 1919	1,000	2,000
October 1, 1890	446 to 447	4	Oct. 1, 1920	1,000	2,000
	Total amount	of	Water Loan	Bonds	\$102,000

Metropolitan Park Assessment Loan Bonds.

ISSUED UNDER AUTHORITY OF CHAPTER 225, ACTS OF 1902, BEYOND
THE LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
July 1, 1902	4	3½	July 1, 1906	\$1,000	\$1,000
July 1, 1902	5	3½	July 1, 1907	1,000	1,000
July 1, 1902	6	3½	July 1, 1908	1,000	1,000
July 1, 1902	7	3½	July 1, 1909	1,000	1,000
July 1, 1902	8	3½	July 1, 1910	1,000	1,000
July 1, 1902	9	3½	July 1, 1911	1,000	1,000
July 1, 1902	10	3½	July 1, 1912	1,000	1,000
July 1, 1902	11	3½	July 1, 1913	1,000	1,000
July 1, 1902	12	3½	July 1, 1914	1,000	1,000
July 1, 1902	13	3½	July 1, 1915	1,000	1,000
July 1, 1902	14	3½	July 1, 1916	1,000	1,000
July 1, 1902	15	3½	July 1, 1917	1,000	1,000
July 1, 1902	16	3½	July 1, 1918	1,000	1,000
July 1, 1902	17	3½	July 1, 1919	1,000	1,000
July 1, 1902	18	3½	July 1, 1920	1,000	1,000
July 1, 1902	19	3½	July 1, 1921	1,000	1,000
July 1, 1902	20	3½	July 1, 1922	1,000	1,000
July 1, 1902	21	3½	July 1, 1923	1,000	1,000
July 1, 1902	22	3½	July 1, 1924	1,000	1,000
July 1, 1902	23	3½	July 1, 1925	1,000	1,000
July 1, 1902	24	3½	July 1, 1926	1,000	1,000
July 1, 1902	25	3½	July 1, 1927	1,000	1,000
July 1, 1902	26	3½	July 1, 1928	1,000	1,000
July 1, 1902	27	3½	July 1, 1929	1,000	1,000
Total amount	of Metropolitan	Park As	sessment Loan	Bonds	\$24,000

Recapitulation.

City Loan Bonds	\$1,114,000 00	
Sewer Loan Bonds	175,000 00	
	<hr/>	
Total amount of Funded Debt within the limit provided by law		\$1,289,000 00
Sewer Loan Bonds, issued under Chapter 357, Acts of 1895	\$60,000 00	
City Loan Bonds, issued under Chapter 153, Acts of 1892	35,000 00	
Metropolitan Park Assessment Loan Bonds, issued under Chapter 325, Acts of 1902	24,000 00	
	<hr/>	
Total amount of Funded Debt outside of the limit allowed by law, issued under special Acts		119,000 00
Water Loan Bonds		102,000 00
		<hr/>
Total amount of Funded Debt		\$1,510,000 00

TABLE C.—STATEMENT OF ACCOUNTS, SHOWING APPROPRIATIONS, EXPENDITURES, ETC., TO DECEMBER 31, 1905.**Appropriations.**

CREDIT.	
Taxes, amount assessed for municipal purposes	\$898,563 00
Property and Debt Balance, amount provided by issue of bonds	148,000 00
	\$1,046,563 00
DEBIT.	
Appropriations from tax levy:—	
Assessors	\$10,000 00
City Auditor	725 00
City Clerk	5,500 00
City Engineer	11,250 00
City Messenger	2,000 00
City Solicitor	2,250 00
City Treasurer	9,300 00
Clerk of Committees and Departments	3,900 00
Contingent Fund	3,000 00
Election Expenses:—	
City Clerk	1,600 00
Commissioner of Public Buildings	750 00
Pay of Election Officers	2,164 00
Registrars of Voters	1,550 00
Electrical Department	7,000 00
Excess and Deficiency	45,510 00
Executive Department	3,900 00
Fire Department	3,535 00
Health Department	39,500 00
Highways, Maintenance	4,000 00
Highways, Removal of Brown-tail Moths from Trces	3,000 00
Inspection of Buildings	4,050 00
Interest	76,159 00
Military Aid	1,100 00
Police	39,000 00
Printing and Stationery (public documents and stationery for the board of alder- men)	2,000 00
Public Buildings Maintenance:—	
City Hall	3,000 00
City Hall Annex	450 00
Fire Department	5,000 00
Health Department	345 00
Highways	300 00
Janitors' Salaries	26,000 00
Police	1,100 00
Public Grounds	100 00
Public Library	4,000 00
Schoolhouses	25,000 00
Sewer Department	75 00
Support of Poor	800 00
Water Department	300 00
Public Grounds	10,500 00
Public Library	14,500 00
Reduction of Funded Debt	130,500 00
Amount carried forward	\$504,713 00

Amount brought forward	\$504,713 00	
School Contingent	23,500 00	
School Teachers' Salaries	260,000 00	
Sealer of Weights and Measures	1,050 00	
Sidewalks, Maintenance	3,000 00	
Soldiers' Relief	18,500 00	
Somerville Hospital	5,000 00	
Street Lights	66,000 00	
Support of Poor, City Home	2,800 00	
Support of Poor, Miscellaneous	14,000 00	
	<hr/>	\$898,563 00

Appropriations on Funded Debt account:—		
Public Buildings Construction:—		
Addition to Bingham School	\$1,000 00	
Contagious Disease Hospital	5,000 00	
Dormitory at City Home	1,000 00	
Engine House in Ward Two	3,000 00	
High School Building	40,000 00	
Proctor School	10,000 00	
Highways, Construction	20,000 00	
Highways, Paved Gutters and Crossings	20,000 00	
Highways, Shade Trees and Tree Guards	1,400 00	
Sidewalks Construction	16,000 00	
Thorndike-street Subway	600 00	
Sewers Construction	30,000 00	
	<hr/>	148,000 00
		<hr/> <hr/>
		\$1,046,563 00

Assessors.

CREDIT.

Appropriations, from Taxes, 1905	\$10,000 00
Excess and Deficiency account, balance transferred	81 31
	<hr/>
	\$10,081 31
Receipts:—	
Watering Streets account, clerical service	70 67
	<hr/>
	\$10,151 98

DEBIT.

(Expenditures.)

Cash, paid Albert B. Fales, salary as chairman of the board of assessors	\$2,000 00
Benjamin F. Thompson, assessor	800 00
Nathan H. Reed, assessor	800 00
Jesse J. Underhill, assessor	466 62
Harry A. True, assessor	800 00
George E. Elliott, assessor	200 00
Fred B. Clapp, assistant assessor	250 00
Walter F. Turner, assistant assessor	250 00
George E. Elliott, assistant assessor	225 00
John J. Sheeran, assistant assessor	250 00
Jennie L. Jones, first assistant clerk	700 00
carfares	15 90
Mabel E. Hall, second assistant clerk	600 00
Aunita N. Fales, third assistant clerk	500 00
carfares	6 80
Theodore H. Locke, clerical services	49 00
	<hr/>
Amount carried forward	\$7,913 32

Amount brought forward	\$7,913 32	
Charles R. Palmer, clerical services	72 00	
Raymond A. Farr, clerical services	50 00	
George H. Crosby, clerical services	58 00	
Florence H. Plimpton, clerical services	142 68	
Eva V. Tukey, clerical services	131 35	
carfares	1 90	
Alice C. Rand, clerical services	141 33	
Agnes F. Kennard, clerical services	130 67	
Abbie D. Southworth, clerical services	150 00	
Loena A. Snowman, clerical services	122 01	
Marcella F. Kendall, clerical services	104 00	
Josephine M. Briggs, clerical services	22 67	
Yawman & Erbe Mfg. Co., stationery	10 95	
Samuel Ward Co., stationery	201 14	
L. E. Clayton, stationery	95	
Thomas Groom & Co., stationery	2 10	
Fred I. Farwell, stationery	1 15	
Somerville Journal Co., printing	143 50	
Boston Printing Co., printing precinct lists	574 20	
Wesley A. Maynard, advertising	32 00	
Somerville Post-office, postage	32 00	
Carter's Ink Co., ink	1 13	
W. A. Greenough & Co., directory	3 50	
New England Telephone & Telegraph Co., service	101 43	
Gridley's Coffee House, supper	8 00	
		<hr/>
		<u>\$10,151 98</u>

Cash.

CREDIT.

Payments as follows:—

Assessors	\$10,151 98
City Auditor	708 98
City Clerk	7,390 08
City Engineer	11,279 34
City Messenger	2,111 78
City Solicitor	2,294 09
City Treasurer	13,148 66
Clerk of Committees	3,900 00
Contingent Fund	1,885 40
County of Middlesex	57,805 88
Coupons Unpaid	60,035 00
Election Expenses:—	
City Clerk	1,169 99
Commissioner of Public Buildings	1,062 53
Pay of Election Officers	2,153 00
Registrars of Voters	1,633 79
Electrical Department	8,090 36
Executive Department	3,845 39
Fire Department	68,124 08
Fire Department, Combination Ladder and Chemical Engine	2,350 00
Grade Crossings	522 70
Health Department	6,779 04
Health Department, Collection of Ashes and Offal	44,083 65
Highways Construction	42,623 50
	<hr/>
Amount carried forward	\$353,149 22

Amount brought forward	\$353,149 22
Highways Maintenance	67,687 17
Highways, Paved Gutters and Crossings	10,464 19
Highways, Paving Broadway, Bow and Summer Streets	591 85
Highways, Removal of Brown-tail Moths	4,795 66
Highways, Shade Trees	1,751 81
Highways, Watering Streets	21,622 92
Inspection of Buildings	4,119 45
Interest	16,685 39
Military Aid	1,866 85
Overlay and Abatement	218 63
Powder-house Boulevard	369 30
Police	77,600 48
Printing and Stationery	1,959 05
Public Buildings Construction:—	
Addition to Bingham School	388 11
Contagious Disease Hospital	4,187 47
Dormitory at City Home	1,235 86
Engine House in Ward Two	1,545 81
Health Department	1,189 79
High School Building	16,543 44
Historical Building and Observatory, Prospect Hill	159 89
Luther V. Bell School Fire Escapes	765 19
Proctor School Completion	35,443 96
Rifle Range in Waltham	20 22
Public Buildings Maintenance:—	
City Hall	2,644 89
City Hall Annex	491 10
Fire Department	5,482 37
Health Department	444 30
Highways	429 94
Janitors' Salaries	26,741 25
Police	1,187 08
Public Grounds	36 64
Public Library	3,189 22
Schoolhouses	29,839 50
Sewer Department	31 22
Support of Poor	1,319 36
Water Department	306 74
Public Grounds	10,998 30
Public Library	19,358 22
Public Library, Isaac Pitman Fund, Investment	514 58
Public Library, Isaac Pitman Fund, Income, Art	161 16
Public Library, Isaac Pitman Fund, Income, Poetry	45 73
Public Property	535 85
Reduction of Funded Debt	129,500 00
Redemption of Tax Liens	1,473 56
School Contingent	25,036 81
School Teachers' Salaries	254,674 12
Scaler of Weights and Measures	1,473 29
Sewers Construction	22,792 87
Sewers Maintenance	12,118 76
Sidewalks Construction	23,781 39
Sidewalks Maintenance	3,038 49
Soldiers' Burials	630 00
Soldiers' Relief	21,961 13
Somerville Hospital	5,000 00
State Aid	14,600 00
State of Massachusetts	137,893 76
Amount carried forward	\$1,381,943 34

Amount brought forward	\$1,381,943 34
Street Lights	65,930 49
Support of Poor, City Home	7,474 36
Support of Poor, Miscellaneous	17,527 88
Temporary Loans	625,000 00
Water Works Extension	16,845 95
Water Maintenance	42,227 11
Water Works, Abatements on Water Charges	487 20
Balance to debit of account, 1906	116,483 89
	<hr/>
	\$2,273,920 22

DEBIT.

Balance from 1904	\$73,743 56
Receipts as follows:—	
Assessors	70 67
City Clerk	2,303 03
City Engineer	42 87
City Treasurer	4,640 70
Contingent Fund	309 00
County of Middlesex	4,705 14
Electrical Department	52 61
Excise Tax	223 01
Fire Department	300 21
Funded Debt	148,000 00
Health Department	521 02
Health Department, Collection of Ashes and Offal	4,854 86
Highway Betterment Assessments	4,833 14
Highways Construction	4,471 19
Highways Maintenance	14,060 67
Highways, Paved Gutters and Crossings	331 46
Highways, Removal of Brown-tail Moths	340 46
Highways, Shade Trees	151 95
Highways, Watering Streets	110 00
Inspection of Buildings	102 27
Interest	10,906 18
Metered Water Charges	14,628 83
Overlay and Abatement	23 62
Police	5,118 81
Public Buildings Construction, High School Building	6 00
Public Buildings Maintenance:—	
City Hall	1 50
Health Department	210 00
Highways	240 00
Schoolhouses	108 55
Support of Poor	35 00
Public Grounds	498 53
Public Library	753 08
Public Library, Isaac Pitman Fund, Invest- ment	314 58
Public Library, Isaac Pitman Fund, Income, Art	240 00
Public Library, Isaac Pitman Fund, Income, Poetry	60 00
Public Property	1,200 00
Real Estate Liens	16 12
Reduction of Funded Debt	442 52
	<hr/>
Amount carried forward	\$298,971 14

Amount brought forward	\$298,971 14	
Redemption of Tax Liens	1,527 53	
School Contingent	175 00	
Sealer of Weights and Measures	430 07	
Sewer Assessments	2,637 12	
Sewers Construction	270 37	
Sewers Maintenance	120 48	
Sidewalk Assessments	12,648 81	
Sidewalks Construction	2,491 88	
Sidewalks Maintenance	45 44	
Soldiers' Relief	53 00	
State Aid	52 00	
State of Massachusetts	2,222 68	
Street Lights	39 60	
Support of Poor, City Home	3,912 24	
Support of Poor, Miscellaneous	2,989 20	
Taxes	1,103,852 99	
Temporary Loans	625,000 00	
Water Works Income	197,776 12	
Water Service Assessments	4,456 58	
Water Works Extension	49 77	
Water Maintenance	14,198 20	
	<hr/>	<u>\$2,273,920 22</u>

City Auditor.

CREDIT.

Appropriations, from Taxes, 1905	\$725 00
Excess and Deficiency account, balance transferred	16 02
	<hr/>
	\$708 98

DEBIT.

(Expenditures.)

Cash, paid Charles S. Robertson, salary as auditor	\$700 00
Thomas Groom & Co., stationery	2 15
Pneumatic Hand Stamp Co., stamps	6 83
	<hr/>
	<u>\$703 98</u>

City Clerk.

CREDIT.

Appropriations, from Taxes, 1905	\$5,500 00
Excess and Deficiency account, balance transferred	412 95
	<hr/>
	\$5,087 05

Receipts:—

Cash, received of Frederic W. Cook, City Clerk:—

Recording mortgages	\$523 25
Dog licenses	393 00
Marriage certificates	363 00
Licenses for billiards and pool	140 00
Licenses for amusements	41 00
Licenses for street musicians	14 00
Copies of records	52 25
Junk licenses	390 00
Licenses for slaughtering	6 00
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Amounts carried forward	\$1,922 50	<u>\$5,087 05</u>
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Amounts brought forward	\$1,922 50	\$5,087 95
Licenses for private detectives	20 00	
Liquor licenses	34 00	
Licenses for sale of fireworks	49 00	
Licenses for intelligence offices	22 00	
Auctioneers' licenses	46 00	
Roller skating	50 00	
New England Telephone & Telegraph Co., advertising hearing	147 15	
Interest on deposits	12 38	
	<hr/>	2,303 03
		<hr/>
		\$7,390 08

DEBIT.

(Expenditures.)

Cash, paid George I. Vincent, salary as city clerk	\$265 18
Frederic W. Cook, salary as city clerk	1,933 99
commission fee	5 00
Howard E. Wemyss, assistant city clerk, fee on appointment	1,032 15
.	5 00
Clara B. Snow, first assistant	700 00
Edith A. Woodman, second assistant	600 00
Alice M. Vincent, third assistant	550 00
Mabell M. Ham, fourth assistant	500 00
Charles E. Davis, census of births	48 40
Clara Z. Elliot, census of births	25 00
Seth Mason, census of births	50 20
William R. Scott, census of births	33 30
Richard H. Tincker, census of births	41 20
Elisabeth S. Webster, census of births	10 90
Herbert S. Chapman, census of births	6 40
Sundry persons, return of births	344 25
Sundry undertakers, reporting deaths	188 50
The Carter's Ink Co., ink	2 26
The Monarch Typewriter Co., typewriter and table	95 00
Smith-Premier Typewriter Co., repairing typewriter	14 00
Oliver Typewriter Co., repairs	1 50
Thomas Groom & Co., stationery	24 75
McGrath & Woodley, stationery	192 95
Samuel Ward Co., stationery	73 74
Thorpe & Martin Co., stationery	1 23
Yawman & Erbe Mfg. Co., stationery	12 00
Hobbs & Warren Co., stationery	1 50
Somerville Journal Co., printing	400 65
Webcowit Press, printing	25 50
Wesley A. Maynard, printing	25 75
T. H. Ball, mortgage forms	2 75
Macey-Wernicke Co., cabinet and cards, Pneumatic Hand Stamp Co., stamps	22 08
.	3 36
Beck Duplicator Co., duplicating machine, Allen, Doane & Co., badges	8 50
.	1 95
Somerville Post-office, postage	28 00
W. A. Greenough & Co., directory	3 50
Sampson & Murdock Co., directory	6 00
Doten-Dunton Desk Co., chair	6 50
	<hr/>
Amount carried forward,	\$7,292 94

Amount brought forward	\$7,292 94	
New England Telephone & Telegraph Co., service	79 38	
Oriental Tea Co., coffee	1 05	
Whitney & Snow, cuticline	20	
American Express Co., expressing	15 81	
Gilman Express Co., expressing	55	
Glines & Co., expressing	15	
	<hr/>	<u>\$7,390 08</u>

City Engineer.

CREDIT.

Appropriations, from Taxes, 1905	\$11,250 00
Excess and Deficiency account, balance transferred	13 53
	<hr/>
	\$11,236 47

Receipts:--

Cash, received of E. W. Bailey, telephone	\$4 87	
Abutters on Nashua street, plan	5 00	
Vernon street, plan	3 00	
Giles park, plan	5 00	
Hamlet street, plan	5 00	
Thorpe place, plan	5 00	
Hinckley street, plan	8 00	
	<hr/>	40 87

Stock and labor billed other departments:--

School Contingent account, maps	2 00
	<hr/>
	\$11,279 34

DEBIT.

(Expenditures.)

Cash, paid Ernest W. Bailey, salary as city engineer	\$2,800 00
Engineer's assistants	7,885 39
Engineer's assistants, carfares	192 75
Thomas Groom & Co., stationery	32 55
Wadsworth, Howland & Co., stationery	10 24
M. L. Vinal, stationery	2 33
A. C. Libby & Sons, stationery	9 00
L. E. Clayton, cotton cloth	4 00
Charles E. Moss, paper	1 90
Library Bureau, guides	2 50
Frost & Adams Co., supplies	46 18
George O. W. Servis, photographs	41 75
Sprague & Hathaway Co., prints	7 22
George H. Walker & Co., maps	6 00
Whitney & Snow, hardware	42 33
Eyelet Tool Co., punching pins	1 50
W. P. Rice, targets	3 75
E. T. Bynner, spikes	9 75
Davenport-Brown Co., spruce	6 75
G. G. Ledder, repairing instruments	32 25
Municipal Journal and Engineer, sub- scription	3 00
New England Telephone & Telegraph Co., service	93 25
Somerville Post-office, postage	19 50
	<hr/>
Amount carried forward	\$11,253 89

Amount brought forward	\$11,253 89	
Glines & Co., expressing	15	
American Express Co., expressing	1 55	
Gilman & Co., expressing	25	
		<hr/>
	\$11,255 84	
Sewers Maintenance account, setting bounds,	23 50	
		<hr/> <hr/>
		\$11,279 34

City Messenger.

CREDIT.

Appropriations, from Taxes, 1905	\$2,000 00
Excess and Deficiency account, balance transferred	111 78
	<hr/>
	\$2,111 78

DEBIT.

(Expenditures.)

Cash, paid Jairus Mann, salary as city messenger	\$1,500 00
disbursements	4 85
L. H. Brown, carriage hire	73 00
Howard Lowell & Son, carriage hire	11 00
Charles K. Smith, horse	140 00
Charles R. Simpson, veterinary services	3 00
S. C. & A. L. Jameson, board of horse, etc.	304 60
J. H. Atkinson, painting	12 00
Pearl-street Shoeing Forge, horseshoeing,	12 35
M. A. Mann, work on invitations, etc.	7 00
M. E. Youngjohn, cheese cloth	65
New England Telephone & Telegraph Co., service	16 68
Thomas Groom & Co., envelopes	2 50
D. J. Bennett, harness work	14 00
H. A. Brownell, harness work	2 65
C. L. Underhill, carriage repairing	7 50
	<hr/>
	\$2,111 78

City Solicitor.

CREDIT.

Appropriations, from Taxes, 1905	\$2,250 00
Excess and Deficiency account, balance transferred	44 09
	<hr/>
	\$2,294 09

DEBIT.

(Expenditures.)

Cash, paid Frank W. Kaan, salary as city solicitor	\$1,800 00
office rent	150 00
disbursements	149 19
Thomas Damery, salary as claim agent	100 00
disbursements	15 60
Addison C. Getchell & Son, brief and extra copies	29 00
	<hr/>
Amount carried forward	\$2,243 79

Amount brought forward	\$2,243 79	
McGrath & Woodley, stationery	13 00	
Saidee M. Swift, services as court stenographer	18 00	
Isaac I. Doane, testimony	19 30	
		\$2,294 09

City Treasurer.

CREDIT.

Appropriations, from Taxes, 1905	\$9,300 00
Excess and Deficiency account, balance transferred	818 25
	\$8,481 75

Receipts:—

Commonwealth of Massachusetts, fees for collecting National Bank tax	\$22 56	
Real Estate Liens, costs	3 85	
Cash, received of sundry persons, costs on taxes and assessments, \$4,640.70 — .20	4,640 50	
		4,666 91
		\$13,148 66

DEBIT.

(Expenditures.)

Cash, paid James F. Beard, salary as city treasurer	\$3,000 00
Charles L. Ellis, deputy collector of taxes disbursements	1,350 00
Beulah M. Peirce, first assistant	18 40
Louise B. McLaughlin, second assistant	1,000 00
Florence M. Grow, third assistant	700 00
Marion C. Kendall, fourth assistant	600 00
Winnifred P. Briggs, clerical assistant	500 00
Susan L. Briggs, clerical assistant	137 33
Lilla A. Johnson, clerical assistant	138 66
Lilla A. Johnson, clerical assistant	141 32
Josephine M. Briggs, clerical assistant	25 33
Florence A. Eaton, clerical assistant	29 33
Agnes F. Kennard, clerical assistant	9 33
John M. Driscoll, fees for collecting delinquent taxes	1 00
F. W. Hopkins, fees for collecting delinquent taxes	244 00
Malcolm E. Sturtevant, fees for collecting delinquent taxes	667 02
Theodore H. Locke, fees for collecting delinquent taxes	96 50
Charles E. Davis, fees for collecting delinquent taxes	533 50
Somerville National Bank, clearing house charges	2 71
National Security Bank, clearing house charges	1 93
Bunker Hill National Bank, clearing house charges	10
Thomas Groom & Co., stationery	366 45
	\$9,562 91
Amount carried forward	\$9,562 91

Amount brought forward	\$9,562 91
McGrath & Woodley, stationery	25 00
Webcowit Press, printing tax bills, etc.,	460 25
Somerville Journal Co., printing, and ad- vertising tax sale, etc.	1,898 67
Wesley A. Maynard, printing	7 50
W. A. Greenough & Co., directories	7 00
Henry M. Meek Publishing Co., direc- tory	2 50
Sampson & Murdock Co., directory	6 00
New England Telephone & Telegraph Co., service	92 27
Edwin O. Childs, recording	20 37
Howard Lowell & Son, carriage hire	4 00
American Surety Co. of New York, treas- urer's bond	160 00
Yale & Towne Mfg. Co., cleaning and insuring time lock	15 00
Damon Safe & Vault Eng. Co., cleaning locks, etc.	6 75
Burroughs Adding Machine Co., inspec- tion	90
Smith-Premier Typewriter Co., type- writer	119 25
Somerville Post-office, postage	521 85
Outlook Envelope Co., envelopes	104 21
George A. Smith, sharpening erasers	38
The Carter's Ink Co., ink	11 25
Forbes Lithographing & Mfg. Co., en- graving bonds	110 00
Boston News Bureau, subscription	9 00
Dennison Mfg. Co., consecutive numbers,	2 50
American Express Co., expressing	45
Glines & Co., expressing	50
Gilman Express Co., expressing	15
	<hr/>
	\$13,148 66

Clerk of Committees and Departments.

CREDIT.

Appropriations, from Taxes, 1905	\$3,900 00
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DEBIT.

(Expenditures.)

Cash, paid William P. Mitchell, salary as clerk of committees and departments	\$2,000 00
appointment as justice of the peace	7 00
Howard E. Wemyss, assistant	139 88
Lawrence S. Howard, assistant	450 00
Lucia A. Manning, assistant	600 00
Bessie L. L. Crosby, assistant	500 00
Thomas Groom & Co., stationery	56 00
Smith-Premier Typewriter Co., paper	1 15
New England Telephone & Telegraph Co., service	34 10
Somerville Journal Co., printing	36 50
W. A. Greenough & Co., directory	3 50
Somerville Post-office, postage	71 87
	<hr/>
	\$3,900 00

Commonwealth of Massachusetts.

CREDIT.

State Tax		\$70,400 00	
National Bank Tax		1,581 12	
Armory Loan Sinking Fund, 1905	\$1,630 39		
Interest on, 1905	2,284 03		
			<u>3,914 42</u>
Metropolitan Parks Loan Sinking Fund, 1905	\$4,819 11		
Interest on, 1905	11,524 08		
Cost of Maintenance, 1905	8,641 61		
			<u>24,984 80</u>
Metropolitan Sewer Loan Sinking Fund, North Metropolitan System, 1905	\$6,908 62		
Interest on, 1905	26,058 34		
Cost of Maintenance, 1905	18,886 14		
			<u>51,853 10</u>
Metropolitan Water Loan Sinking Fund, 1905	\$21,358 11		
Interest on, 1905	55,535 91		
Cost of Maintenance, 1905	13,666 71		
			<u>90,560 73</u>
			<u>\$243,294 17</u>
Cash	\$988 88		
	21 43		
	966 17		
	226 96		
	19 24		
			<u>2,222 68</u>
			<u>\$245,516 85</u>

DEBIT.

Balance from 1904	\$15,903 87		
Corporation Taxes, 1904	893 99		
Corporation Taxes, 1905	24,741 13		
National Bank Tax, 1904	79 89		
National Bank Tax, 1905	5,424 97		
Burial of State Paupers	85 00		
Support of Sick Paupers	823 18		
Temporary Support of Paupers	450 54		
Tuition of Children	97 00		
Street Railway Tax	50,165 40		
Boston Elevated Railway Tax	8,107 66		
Fees for collecting National Bank Tax	15 81		
Military Aid	25 00		
Water Receipts, Sinking Fund	809 65		
Cash	137,893 76		
			<u>\$245,516 85</u>
State Aid, 1905		\$14,548 00	
Soldiers' Burials, 1905		630 00	
Military Aid, 1905		933 42	
			<u>\$16,111 42</u>
Balance to debit of account, 1906			<u>\$16,111 42</u>

Contingent Fund.

CREDIT.

Appropriations, from Taxes, 1905		\$3,000 00
Amounts transferred and unused:—		
Amount transferred to Public Buildings		
Maintenance, Schoolhouses account	\$1,300 00	
Excess and Deficiency account, balance		
transferred	123 60	
	<hr/>	1,423 60
		<hr/>
		\$1,576 40
Receipts:—		
Cash, received of sundry persons, licenses		
to peddle	\$275 00	
Sundry persons, druggists' licenses	34 00	
	<hr/>	309 00
		<hr/>
		\$1,885 40

DEBIT.

(Expenditures.)

Cash, paid E. F. Hicks, refreshments	\$94 00
George B. Phillips, refreshments	3 00
Walter A. Dow, refreshments	1 50
Walter H. Snow, refreshments	45 31
Jairus Mann, disbursements	4 60
Goodenough & Co., turkeys	129 00
F. H. Hosmer, turkeys	299 60
James H. Maguire, turkeys	174 79
Howard Lowell & Son, carriage hire	61 00
The Two Jamesons, carriage hire	25 00
Eugene Mead, carriage hire	12 00
Ralph A. Wiswell, ringing bell	2 00
George Colbath, ringing bell	2 00
Asbury Strahan, ringing bell	4 00
Trueman H. Thorpe, ringing bell	2 00
W. C. Towne, ringing bell	4 00
George B. Wiswall, ringing bell	2 00
J. Howard Colbath, ringing bell	2 00
Henry A. Kendall, ringing bell	2 00
Mrs. J. G. Anthoine, rent of hall	20 00
Somerville Journal Co., printing	43 50
New England Decorating Co., draping	
hall	50 00
Company K, Eighth Regiment, M. V. M.,	
rifle practice	150 00
Company M, Eighth Regiment, M. V. M.,	
rifle practice	150 00
Willard C. Kinsley Post, 139, G. A. R.,	
observance of Memorial Day	400 00
Veteran Association, Company M,	
Eighth Regiment, of the Spanish War,	
decoration of graves of comrades	50 00
Charles D. Elliot, services	10 00
F. T. Wingate, services	5 00
B. F. Freeman, frames	11 00
Charles L. Ellis, disbursements	4 00
Bent & Bush, badges	2 50
	<hr/>
Amount carried forward	\$1,765 80

Amount brought forward	\$1,765 80	
O. W. Short, janitor's services	5 00	
Somerville Post-office, stamps	35 00	
Commonwealth of Massachusetts, 25 per cent. of druggists' licenses	8 50	
J. W. Howard, plants	40 00	
M. B. Bunker, flowers	20 00	
Whitney & Snow, figures	11 10	
	<hr/>	\$1,885 40
		<hr/> <hr/>

County of Middlesex.

CREDIT.

Appropriations, from Taxes, 1905		\$57,805 88
Receipts:—		
Cash, received of J. O. Hayden, treasurer, rent of court room	\$600 00	
return on amount received of the city for dog licenses in 1904	4,105 14	
	<hr/>	4,705 14
		<hr/>
		\$62,511 02

Amounts transferred and unused:—

Public Buildings Maintenance, Police account, amount transferred	600 00	
Public Library account, amount transferred	4,105 14	
	<hr/>	4,705 14
		<hr/>
		\$57,805 88

DEBIT.

(Expenditures.)

Cash, paid County Tax		\$57,805 88
		<hr/>

Coupons Unpaid.

CREDIT.

Balance of coupons unpaid January 1, 1905		\$26,057 50
Coupons maturing April 1, 1905:—		
Water Loan, \$72,000, six months at 4 per cent.	\$1,440 00	
Sewer Loan, \$7,000, six months at 4½ per cent.	157 50	
Paving Loan, \$40,000, six months at 4 per cent.	800 00	
City Loan, \$41,000, six months at 4 per cent.	820 00	
	<hr/>	3,217 50
Coupons maturing July 1, 1905:—		
City Loan, \$299,000, six months at 3½ per cent.	\$5,232 50	
City Loan, \$768,500, six months at 4 per cent.	15,370 00	
Sewer Loan, \$50,000, six months at 3½ per cent.	875 00	
Sewer Loan, \$160,000, six months at 4 per cent.	3,200 00	
	<hr/>	
Amounts carried forward	\$24,677 50	\$29,275 00

Amounts brought forward	\$24,677 50	\$29,275 00
Metropolitan Park Assessment Loan, \$25,000, six months at 3½ per cent.	437 50	
Water Loan, \$26,000, six months at 4 per cent.	520 00	
Water Loan, \$10,000, six months at 5½ per cent.	275 00	
	<hr/>	25,910 00
Coupons maturing October 1, 1905:—		
City Loan, \$41,000, six months at 4 per cent.	\$820 00	
City Loan, \$118,000, six months at 3½ per cent.	2,065 00	
Sewer Loan, \$7,000, six months at 4½ per cent.	157 50	
Sewer Loan, \$30,000, six months at 3½ per cent.	525 00	
Paving Loan, \$40,000, six months at 4 per cent.	800 00	
Water Loan, \$72,000, six months at 4 per cent.	1,440 00	
	<hr/>	5,807 50
Coupons maturing January 1, 1906:—		
City Loan, \$269,000, six months at 3½ per cent.	\$4,707 50	
City Loan, \$691,000, six months at 4 per cent.	13,320 00	
Sewer Loan, \$48,000, six months at 3½ per cent.	840 00	
Sewer Loan, \$151,000, six months at 4 per cent.	3,020 00	
Metropolitan Park Assessment Loan, \$24,000, six months at 3½ per cent.	420 00	
Water Loan, \$25,000, six months at 4 per cent.	500 00	
Water Loan, \$10,000, six months at 5½ per cent.	275 00	
	<hr/>	23,582 50
		<hr/>
		\$84,575 00
DEBIT.		
Cash, paid coupons	\$60,035 00	
Coupons of 1905 unpaid	24,540 00	
	<hr/>	\$84,575 00
		<hr/>

Election Expenses, City Clerk.

CREDIT.		
Appropriations from Taxes, 1905		\$1,600 00
Excess and Deficiency account, balance transferred		430 01
		<hr/>
		\$1,169 99

DEBIT.		
(Expenditures.)		
Cash, paid Somerville Journal, printing	\$772 05	
Webcowit Press, printing	16 75	
Wesley A. Maynard, printing	54 25	
	<hr/>	
Amount carried forward	\$843 05	

Amount brought forward	\$843 05	
McGrath & Woodley, stationery	31 75	
Samuel Ward Co., stationery	21 39	
H. Wood, making tag and chain	25	
A. F. Carpenter, candles	60	
L. E. Clayton, tape	1 00	
Cotton & Gould, crayons	12 00	
Robert S. Robson, inspecting ballot boxes	42 00	
Whitney & Snow, hardware	1 80	
John Donnelly & Sons, posting	35 00	
L. H. Brown, carriage hire	181 00	
Glines & Co., expressing	15	
		<u>\$1,169 99</u>

Election Expenses, Commissioner of Public Buildings.

CREDIT.

Appropriations, from Taxes, 1905	\$750 00
Excess and Deficiency account, balance transferred	312 53
	<u>\$1,062 53</u>

DEBIT.

(Expenditures.)

Cash, paid Philip Eberle, rent of hall	\$100 00
Simon Connor & Co., rent of hall	48 00
Odd Fellows Building Association, rent of hall	80 00
Warren E. Locke, rent of hall	24 00
Copithorne Brothers, oil	1 90
L. G. Columbus & Co., steamfitting	5 85
James W. O'Neil, plumbing	5 00
Harris P. Tibbetts, carpentering	683 00
Davenport-Brown Co., lumber	14 78
L. A. Penney, rubberoid roof	100 00
	<u>\$1,062 53</u>

Election Expenses, Pay of Election Officers.

CREDIT.

Appropriations, from Taxes, 1905	\$2,164 00
Excess and Deficiency account, balance transferred	11 00
	<u>\$2,153 00</u>

DEBIT.

(Expenditures.)

Cash, paid election officers	<u>\$2,153 00</u>
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Election Expenses, Registrars of Voters.

CREDIT.

Appropriations, from Taxes, 1905	\$1,550 00
Excess and Deficiency account, balance transferred	83 79
	<u>\$1,633 79</u>

DEBIT.

(Expenditures.)

Cash, paid Charles P. Lincoln, salary as registrar	\$200 00
Charles E. Parks, salary as registrar	200 00
Levi F. S. Davis, salary as registrar	200 00
George I. Vincent, salary as registrar	19 65
Frederic W. Cook, salary as registrar	177 98
disbursements	2 55
Charles G. Brett, clerical services	39 00
George E. Davis, clerical services	39 00
Frank E. Merrill, clerical services	30 00
Fred E. Warren, clerical services	6 00
Howard E. Wemyss, clerical services	57 00
Alice M. Vincent, clerical services	2 48
Lawrence S. Howard, clerical services	12 00
McGrath & Woodley, binding	64 35
Thomas Groom & Co., book	11 75
John Donnelly & Sons, posting	30 00
Somerville Journal Co., printing	503 00
Wesley A. Maynard, advertising	32 00
Allen, Doane & Co., rubber caps	1 25
John F. Kelley, serving notice	1 40
P. F. Tierney, serving notice	2 28
Edgar H. Pierce, serving notice	2 10
	<hr/>
	\$1,633 79

Electrical Department.

CREDIT.

Appropriations, from Taxes, 1905	\$7,000 00
Sewers Construction account, amount transferred	700 00
Excess and Deficiency account, balance transferred	337 75
	<hr/>
	\$8,037 75
Receipts:—	
Cash, received of Welch & Hall, horse	\$40 61
D. F. McNeil, moving wire	12 00
	<hr/>
	52 61
	<hr/>
	\$8,090 36

DEBIT.

(Expenditures.)

Cash, paid Edward Backus, salary as superintendent of electric lines and lights	\$1,300 00
Laborers	3,849 88
J. A. & W. Bird & Co., electrical supplies	54 05
Clifton Mfg. Co., electrical supplies	7 18
Chandler & Farquhar, electrical supplies	6 02
S. H. Couch Co., Inc., electrical supplies	123 00
W. E. Decrow, electrical supplies	480 75
Couch & Seeley Co., electrical supplies	9 30
Electric Gas Lighting Co., electrical supplies	15 13
	<hr/>
Amount carried forward	\$5,845 31

Amount brought forward	\$5,845 31	
F. M. Ferrin, electrical supplies	443 96	
T. W. Gleeson, electrical supplies	38 13	
F. W. Kimball, electrical supplies	17 50	
Pettingell-Andrews Co., electrical supplies	304 74	
William Hall & Co., hardware	8 84	
Underhill Hardware Co., hardware	112 60	
W. E. Plumer & Co., hardware	5 70	
I. H. Wiley & Co., hardware	55 00	
D. J. Bennett, harness work	76 90	
Fellows & Co., harness work	1 68	
C. W. H. Moulton & Co., repairing ladder	2 50	
J. Rush Green, spruce	75	
J. A. Kiley, repairing buggy, etc.	102 70	
Charles E. Berry, repairing wagons	6 00	
Charles E. Perry & Co., register paper	56 60	
Francis H. & Charles W. Boyer, repairing fire whistle	27 45	
Murphy Varnish Co., varnish	24 00	
A. J. Wilkinson & Co., letters and tape	6 23	
Cornelius Callahan Co., lantern holder	4 50	
John T. Sellon, fire box glasses	11 25	
A. D. Wheeler, N. E. Agent, posts, etc.,	440 00	
Julian D'Este Co., composition	5 72	
Thomas Groom & Co., stationery	2 50	
L. C. Smith & Brother, typewriter ribbon	75	
Somerville Journal Co., printing	7 00	
Somerville Post-office, postage	4 00	
New England Telephone & Telegraph Co., service	118 50	
Howard Lowell & Son, carriage hire	17 60	
Puritan Brewing Co., steam for fire alarm whistle	40 00	
A. G. Renner, expressing	1 10	
American Express Co., expressing	55	
Glines & Co., expressing	30	
	<hr/>	
	\$7,790 36	
Fire Department, board of horses	300 00	
	<hr/>	
		\$8,090 36

Excess and Deficiency.

	CREDIT.	
Appropriations, from Taxes, 1905		\$45,510 00
	DEBIT.	
Balance from 1904		\$45,509 19
Balance brought down		\$0 81
	CREDIT.	
Balance from 1904		\$0 81
City Auditor, balance of 1905 account		16 02
City Clerk, balance of 1905 account		412 95
City Engineer, balance of 1905 account		13 53
		<hr/>
Amount carried forward		\$443 31

Amount brought forward	\$443 31
City Treasurer, balance of 1905 account	818 25
Contingent Fund, balance of 1905 account	123 60
Election Expenses:—	
City Clerk, balance of 1905 account	430 01
Election Officers, balance of 1905 account	11 00
Executive Department, balance of 1905 account	54 61
Fire Department, Combination Ladder and Chemical Engine, balance of 1905 account	150 00
Health Department, balance of 1905 account	8,041 98
Highways, Removal of Brown-tail Moths, balance of 1905 account	44 80
Highways, Shade Trees, balance of 1905 account	14
Highways, Watering Streets, balance of 1905 account	7 32
Interest, balance of 1905 account	11,770 67
Military Aid, balance of 1905 account	191 57
Police, balance of 1905 account	658 31
Printing and Stationery, balance of 1905 account	40 95
Public Buildings Construction, Health Department, balance of 1905 account	10 21
Public Buildings Maintenance:—	
City Hall, balance of 1905 account	356 61
Health Department, balance of 1905 account	110 70
Highways, balance of 1905 account	110 06
Police, balance of 1905 account	512 92
Public Grounds, balance of 1905 account	63 36
Public Library, balance of 1905 account	810 78
Sewer Department, balance of 1905 account	43 78
Public Grounds, balance of 1905 account	12 64
Redemption of Tax Liens, balance of 1905 account	21 00
School Teachers' Salaries, balance of 1905 account	5,325 88
Sealer of Weights and Measures, balance of 1905 account	6 78
Sewers Maintenance, balance of 1905 account	1 72
Sidewalks Maintenance, balance of 1905 account	6 95
Street Lights, balance of 1905 account	109 11
Support of Poor, Miscellaneous, balance of 1905 account	820 04
	<hr/>
Balance to credit of account, 1906	\$31,109 06
	5,496 14
	<hr/>
	\$25,612 92

DEBIT.

Assessors, balance of 1905 account	\$81 31
City Messenger, balance of 1905 account	111 78
City Solicitor, balance of 1905 account	44 09
Election Expenses:—	
Commissioner of Public Buildings, balance of 1905 account	312 53
Registrars of Voters, balance of 1905 account	83 79
Electrical Department, balance of 1905 account	337 75
Fire Department, balance of 1905 account	2,823 87
Health Department, Collection of Ashes and Offal, balance of 1905 account	11,228 79
Inspection of Buildings, balance of 1905 account	46 95
	<hr/>
Amount carried forward	\$15,070 86

Amount brought forward	\$15,070 86	
Public Buildings Maintenance:—		
City Hall Annex, balance of 1905 account,	41 10	
Fire Department, balance of 1905 account,	482 37	
Janitors' Salaries, balance of 1905 account,	741 25	
Schoolhouses, balance of 1905 account . .	3,351 18	
Support of Poor, balance of 1905 account,	484 36	
Water Department, balance of 1905 ac- count	6 74	
School Contingent, balance of 1905 account,	1,264 81	
Soldiers' Relief, balance of 1905 account . .	3,408 13	
Support of Poor, City Home, balance of 1905 account	762 12	
	<hr/>	<u>\$25,612 92</u>

Excise Tax.

CREDIT.

Cash, received of sundry persons	\$223 01
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DEBIT.

Balance to credit of account, 1906	<u>\$223 01</u>
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Executive Department.

CREDIT.

Appropriations, from Taxes, 1905	\$3,900 00
Excess and Deficiency account, balance transferred . .	54 61
	<hr/>
	\$3,845 39

DEBIT.

(Expenditures.)

Cash, paid Hon. Leonard B. Chandler, salary as mayor	\$2,500 00
Fred E. Warren, secretary to the mayor,	1,200 00
Samuel Ward Co., stationery	13 46
Underwood Typewriter Co., supplies . .	2 00
New England Telephone & Telegraph Co., service	81 68
Somerville Journal Co., printing	44 75
W. A. Greenough & Co., directory	3 50
	<hr/>
	<u>\$3,845 39</u>

Fire Department.

CREDIT.

Appropriations, from Taxes, 1905	\$3,535 00
Water Works Income account, amount appropriated . .	61,465 00
Excess and Deficiency account, balance transferred . .	2,823 87
	<hr/>
	\$67,823 87

Stock and labor billed other departments:—

Electrical Department, board of horses	300 00
	<hr/>
	\$68,123 87

DEBIT.

(Expenditures.)

Cash, paid James R. Hopkins, salary as chief engineer	\$2,000 00
Edward W. Ring, assistant engineer	880 39
Permanent firemen and substitutes	36,842 70
Callmen:—	
Steamer Co. No. 1	1,517 76
Steamer Co. No. 2	1,408 22
Steamer Co. No. 4	1,383 50
Hose Co. No. 2	1,397 50
Hose Co. No. 3	1,293 69
Hose Co. No. 5	1,382 00
Hose Co. No. 6	817 57
Hose Co. No. 7	797 50
Hook and Ladder Co. No. 1	2,102 78
Hook and Ladder Co. No. 2	2,093 50
Fulton O'Brion, hay and grain, \$1,251 27	21
	<hr/>
	1,251 06
Hobart S. Palmer, hay and grain	418 44
Proctor Brothers, hay and grain	1,321 78
Nathan Tufts & Sons, hay and grain	902 98
Lord & Webster, hay and grain	76 90
F. C. Dinsmore, hay and grain	7 53
M. F. Wilbur, oil meal	75
Charles E. Berry, horseshoeing	39 92
J. H. Edwards, horseshoeing	174 05
George W. Ladd, horseshoeing	84 90
Edward O'Brien, horseshoeing	88 60
Pearl-street Shoeing Forge, horseshoeing	69 50
W. H. Richardson, horseshoeing	43 15
J. B. Rufer, horseshoeing	453 70
J. H. Thompson, horseshoeing	38 75
I. B. Walker, horseshoeing	157 75
Jameson Brothers, horseshoeing	19 90
George McDormand, horseshoeing	66 15
Everett E. Onley, horseshoeing	7 95
Harry Tobin, horseshoeing	47 10
Joseph A. Cribby, salary	100 00
Frank P. Merrill Co., horse medicine	19 50
William H. Hitchings, veterinary services	56 00
Charles R. Simpson, veterinary services,	145 00
C. H. Paine, condition powders	10 00
Ame & Co., standard food	16 25
Welch & Hall, horses	822 61
D. J. Bennett, harness work	244 15
H. S. Harris & Sons, horses and harness work	890 00
D. McDonald, harness work	34 50
H. O. Austin, harness work	12 90
H. A. Brownell, harness work	2 95
Ferd. F. French & Co., concord wagon	155 00
Charles E. Berry, repairing wagons	456 67
Hale & Mayhew Co., repairing wagons,	373 05
J. A. Kiley, repairing wagons	370 60
	<hr/>
Amount carried forward	\$62,897 15

Amount brought forward	\$62,897 15
Firestone Tire & Rubber Co., repairing wagons	637 35
L. A. Wright, repairing wagons	24 75
Joseph Palmer, repairing wagons	12 50
Frank W. Leavitt, repairing wagons	1 75
Charles Waugh & Co., springs	15 00
Joseph Breck & Sons, grindstone	7 10
H. Wood, repairing tools	80
William G. Martin, repairing tools	50
E. Teel & Co., repairing apparatus	24 45
Crosby Steam Gage & Valve Co., repairing apparatus	3 90
Edward Kendall & Sons, repairing apparatus	45 71
Welch, Dwyer & Grady, repairing apparatus	419 55
F. W. Kimball, repairing apparatus	1 55
M. C. Short Plumbing Co., repairing apparatus	3 00
Charles L. Underhill, repairing apparatus	1 65
Standard Extinguisher Co., fire extinguisher	50 00
American La France Fire Engine Co., freight, etc.	150 24
George N. Wood & Co., strikers	10 00
F. W. Barry, Beale & Co., stationery	25 20
"Fire & Water Engineering," subscription	3 00
Little, Brown & Co., law books	6 00
W. A. Greenough & Co., directories	10 50
E. B. Wadsworth, directory	3 50
Somerville Post-office, postage	6 00
Smith-Premier Typewriter Co., supplies,	6 30
Somerville Journal Co., envelopes	3 50
Frank G. Macomber, insurance	8 26
Mrs. M. E. Calvert, washing	154 69
Mrs. I. C. Jackson, washing	129 00
Mrs. W. Loveland, washing	48 00
Mrs. Helen R. Stevens, washing	49 36
Mrs. E. F. Trefren, washing	38 49
A. M. Spike, washing	34 00
Jackson Caldwell & Co., blankets	5 00
E. W. Ring, custodian	72 00
J. A. Durell, hardware	16 84
W. E. Plumer & Co., hardware	10 16
E. S. Sparrow & Co., hardware	19 49
Underhill Hardware Co., hardware	22 85
Whitney & Snow, hardware	19 80
Frederick C. Babson, dusters	3 83
D. J. Green & Co., brooms and brushes.	34 85
Murphy, Leavens & Co., brooms and brushes	67 15
J. I. Holcomb Mfg. Co., brooms and brushes	36 00
William A. Haskell, mops	11 50
Boston Woven Hose & Rubber Co., hose,	158 40
The Cornelius Callahan Co., hose	96 30
Henry K. Barnes, hose	178 50
Amount carried forward	<u>\$65,635 42</u>

Amount brought forward	\$65,635 42
Boston Coupling Co., hose	665 50
William S. Howe, hose	7 00
Boston Belting Co., hose	84 62
John L. Crafts, canvas apron, etc.	55 75
Combination Ladder & R. I. Coupling Co., acid receptacles	30 00
Philadelphia Flexible Metal Tubing Co., tubing	14 02
Winter Hill Ice Co., ice	6 00
Cambridge Ice Co., ice	38 50
Boston Ice Co., ice	11 40
Fresh Pond Ice Co., ice	33 22
Wellington-Wild Coal Co., fuel	69 30
George W. Norton, soap	18 90
G. F. Whitney & Co., soap	4 80
George William Waite & Co., soap	17 47
Sayman's Remedy Co., soap	3 00
Armour & Co., soap	45 00
George Reichard & Sons, soap powder	10 67
Eastern Oil & Gasolene Supply Co., oil	7 80
Robert Hull, oil	100 54
Kimball, Harrington & Osborne, engine oil	9 00
W. H. Bullard, supplies	24 85
George W. Butters, calendar	50
F. E. Fitts Mfg. & Supply Co., packing	57 01
Empire Palm Oil Co., polish	10 75
J. Wesley Edmonds & Son, polish	14 31
P. Sutherland & Co., polish	4 50
L. W. Stone, polish	5 40
Winchester Tar Disinfectant Co., disin- fectant	13 80
Knox & Morse, disinfectant	6 25
C. W. Lerner, disinfectant	25 00
R. G. Perkins, medicine	11 20
Henry D. Padelford, medicine	11 20
George W. Cutter, liniment	4 00
J. G. Leseur, liniment	18 00
George E. Grover, supplies	90
J. Hurd Brown, lubricant	5 00
Eastern Drug Co., drugs	49 94
Matheson Alkali Works, ext. soda	70 56
Vulcan Chemical Co., enamel	8 50
Boston Regalia Co., insignia	19 86
C. A. Taylor, insignia	3 75
The Mitchell Mfg. Co., badges	22 75
Cairns & Brother, repairing hats	5 15
Scoville Mfg. Co., buttons	16 88
C. W. H. Moulton & Co., step ladders	153 30
Hill & Hill, scrapers and snaps	22 96
S. D. Hicks & Son, brass and labor	4 98
Harry A. Glazier, nickel plating	10 00
Oliver Whyte & Co., galvanized baskets,	54 00
L. A. Wright, connecting rod	1 50
J. B. Rufer, iron work	59 70
Stack & Torrey, steam fitting	1 60
S. C. Baxter, boiler inspection	5 00
Robb-Mumford Boiler Co., repairing boiler, etc.	137 52
Amount carried forward	\$67,728 53

Amount brought forward	\$67,728 53	
C. F. Mills, carpentering	3 75	
Howard Lowell & Son, horse food	68 00	
Charles T. Garland, teaming	11 00	
M. G. Staples, teaming	4 00	
Rufer & Creamer, use of horses	12 50	
Francis Carney, killing cow	25 00	
New England Telephone & Telegraph Co., service	225 73	
American Express Co., expressing	14 58	
Glines & Co., expressing	23 78	
E. R. Perham, expressing	1 50	
Gilman Express Co., expressing	2 90	
Cotter's Express, expressing	1 80	
Hall's Somerville Express, expressing	80	
		<u>\$68,123 87</u>

**Fire Department, Combination Ladder Truck
and Chemical Engine.**

CREDIT.

Balance from 1904	\$2,500 00
Excess and Deficiency account, balance transferred	150 00
	<u>\$2,350 00</u>

DEBIT.

(Expenditures.)

Cash, paid C. N. Perkins Co., combination wagon	\$2,350 00
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Funded Debt.

CREDIT.

Funded Debt, as stated January 1, 1905	\$1,498,500 00
Issue of 1905:—	
City Loan Bonds Nos. 3310 to 3427	\$118,000 00
Sewer Loan Bonds Nos. 329 to 358	30,000 00
	<u>148,000 00</u>
	<u>\$1,646,500 00</u>

DEBIT.

Bonds matured in 1905:—

City Loan Bonds Nos. 1674 to 1679	\$6,000 00
City Loan Bonds Nos. 1900 to 1917	18,000 00
City Loan Bonds Nos. 2132 to 2139	8,000 00
City Loan Bonds Nos. 2294 to 2302	9,000 00
City Loan Bonds Nos. 2427 to 2436	10,000 00
City Loan Bonds Nos. 2556 to 2563	8,000 00
City Loan Bonds Nos. 2674 to 2685	12,000 00
City Loan Bonds Nos. 2802 to 2809	8,000 00
City Loan Bonds Nos. 2914 to 2923	10,000 00
City Loan Bonds Nos. 3028 to 3037	10,000 00
City Loan Bonds Nos. 3190 to 3197	8,000 00
City Loan Bond No. 3198	500 00
City Loan Bonds Nos. 1221 to 1223	3,000 00
City Loan Bonds Nos. 3152 to 3153	2,000 00
Sewer Loan Bond No. 64	1,000 00
	<u>\$113,500 00</u>

Amount carried forward \$113,500 00

Amount brought forward	\$113,500 00
Sewer Loan Bond No. 181	1,000 00
Sewer Loan Bond No. 205	1,000 00
Sewer Loan Bond No. 227	1,000 00
Sewer Loan Bond No. 256	1,000 00
Sewer Loan Bond No. 280	1,000 00
Sewer Loan Bond No. 304	1,000 00
Sewer Loan Bond No. 47	1,000 00
Sewer Loan Bonds Nos. 110 to 113	4,000 00
Paving Loan Bonds Nos. 61 to 65	5,000 00
Water Loan Bond No. b456	1,000 00
Water Loan Bonds Nos. 353 to 355	3,000 00
Water Loan Bonds Nos. 452 to 453	2,000 00
Metropolitan Park Assessment Loan Bond No. 3	1,000 00

\$136,500 00

Present Funded Debt, balance of account

1,510,000 00

\$1,646,500 00

Grade Crossings.

CREDIT.

Sewers Construction account, amount transferred	\$1,500 00
Balance to credit of account, 1906	977 30
	<hr/>
	\$522 70

DEBIT.

(Expenditures.)

Cash, paid Frank W. Kaan, services as special counsel	\$256 48
Laborers	266 22
	<hr/>
	\$522 70

Health Department.

CREDIT.

Appropriations, from Taxes, 1905	\$39,500 00
Amounts transferred and unused:—	
Amount transferred to Public Buildings Construction, Health Department account	\$1,200 00
Amount transferred to Health Department, Collection of Ashes and Offal account,	24,000 00
Excess and Deficiency account, balance transferred	8,041 98
	<hr/>
	33,241 98
	<hr/>
	\$6,258 02

Receipts:—

Cash, received of J. E. Richardson, milk inspector's fees	\$115 10
William P. Mitchell, permits to keep swine	66 00
City of Boston, care of patients	331 92
	<hr/>
Amounts carried forward	\$513 02

\$6,258 02

Amounts brought forward	\$513 02	\$6,258 02
E. Zetterman, care of patients	8 00	
	<hr/>	521 02
		<hr/>
		\$6,779 04

DEBIT.

(Expenditures.)

Cash, paid Caleb A. Page, salary as inspector	\$1,300 00	
Sundry persons, burying dead animals	133 50	
Charles M. Berry, salary as inspector of animals and provisions	1,000 00	
fumigating, etc.	28 20	
Julius E. Richardson, salary as milk inspector	1,000 00	
Frank L. Morse, M. D., salary as bacteriologist	933 28	
A. P. Rockwood, board of horse	269 66	
E. F. Benson, repairing regenerator	16 00	
William G. Martin, repairing regenerator	4 00	
Melvin & Badger, regenerator and repairing	71 90	
Eimer & Amend, electrical supplies	9 10	
Charles H. Cutter, repairing motor	3 00	
Milton H. Plummer, drugs	8 18	
New England Vaccine Co., vaccine points	1 80	
C. H. Goldthwaite & Co., vaccine	4 85	
W. H. Broderick, medical attendance	8 00	
Whitall, Tatum Co., corks, etc.	13 75	
Fox, Fultz & Co., bottles and corks	10 27	
C. B. Berry, rubber gloves	1 50	
Allen Brothers, wax seal	1 25	
Whitney & Snow, hardware	2 60	
D. J. Bennett, harness work	5 65	
I. L. Roberts, horseshoeing	19 75	
Harry Tobin, horseshoeing	4 25	
J. H. Atkinson, painting sleigh	8 00	
Allan Coughlan, repairing wagons	29 81	
Cambridge Ice Co., ice	20 43	
Thomas Groom & Co., stationery	60 95	
Willard L. Clough, stationery	5 25	
Somerville Post-office, postage	24 00	
rental	3 00	
Webcowit Press, printing	94 50	
Somerville Journal Co., printing	85 35	
Wesley A. Maynard, printing	6 00	
New England Telephone & Telegraph Co., service	93 49	
Charles E. Parks, cleaning land	4 00	
City of Cambridge, care of patients	64 29	
City of Boston, care of patients	1,168 00	
City of Melrose, care of patients	198 83	
Charles D. Elliot, professional services	50 00	
Howard Lowell & Son, carriage hire	8 00	
American Express Co., expressing	4 20	
Gilman Express Co., expressing	15	
E. R. Perham, expressing	30	
	<hr/>	<hr/>
		\$6,779 04

Health Department, Collection of Ashes and Offal.

CREDIT.

Amount transferred from Health Department account		\$24,000 00
Amount transferred from Highways Maintenance account,		4,000 00
Excess and Deficiency account, balance transferred		11,228 79
		<hr/>
		\$39,228 79
Receipts:—		
Cash, received of sundry persons, offal	\$4,612 13	
A. M. Prescott, horse	30 00	
	<hr/>	4,642 13
Stock and labor billed other departments:—		
Support of Poor, City Home account, offal		212 73
		<hr/>
		\$44,083 65

DEBIT.

(Expenditures.)

Cash, paid Edgar T. Mayhew, salary as superintendent	\$1,200 00
J. H. Thompson, board of horse, etc.	289 45
Laborers	33,619 58
H. O. Austin, harness work	25 71
D. J. Bennett, harness work	408 75
Jerry Buttimer, use of teams	68 00
William J. McCarthy, use of teams	156 80
T. Allen, use of teams	256 50
I. B. Walker, horseshoeing	279 46
J. B. Rufer, horseshoeing	4 00
J. H. Edwards, horseshoeing	46 75
George W. Ladd, horseshoeing	83 00
George McDormand, horseshoeing	164 00
Edward O'Brien, horseshoeing	263 29
Hale & Mayhew Co., wagon repairs	352 42
Charles L. Underhill, wagon repairs	11 15
L. A. Wright, wagon repairs	25 35
Proctor Brothers, hay and grain	2,233 55
Fulton O'Brion, hay and grain	1,250 45
Nathan Tufts & Sons, hay and grain	517 50
Hobart S. Palmer, hay and grain	265 19
Charles R. Simpson, veterinary services	69 25
Welch & Hall Co., horses	540 00
Howard Lowell & Son, horse food	10 00
Henderson Brothers, sleigh	50 00
Herbert L. Henderson, rods, etc.,	22 50
J. A. Durell, tools and supplies	114 14
Whitney & Snow, tools and supplies	55 85
L. A. Wright, repairing tools	35 20
Highland Coal Co., cement	2 30
Waldo Brothers, sewer pipe	72
John Fischer & Co., offal tubs	21 60
Sulpho-Naphthol Co., sulpho-naphthol	46 00
Boston Woven Hose & Rubber Co., hose, etc.	47 10
Herbert E. Bowman, supplies	16 90
Watts Rule Co., four-foot gauge	2 75
	<hr/>
Amount carried forward	\$42,555 21

Amount brought forward	\$42,555 21	
F. C. Ayer, lumber	114 44	
T. E. Littlefield, lumber	56 67	
S. & R. J. Lombard Co., paving blocks, offal driveway	12 00	
H. Gosse, moving offal office	32 00	
C. F. Mills, labor on offal office	45 00	
Jackson Caldwell & Co., desk and chairs, C. W. Cahalan, plumbing	26 00	160 75
Charles M. Berry, carriage hire and ex- penses	12 65	
Shepard, Clark & Co., sponges	9 90	
J. A. & W. Bird & Co., flintkote	46 80	
William Thumith, hauling ashes	13 50	
D. Wilson, teaming ashes	9 00	
Jerry Buttimer, teaming	85 50	
Arthur M. Berry, teaming	144 80	
J. H. Fannon, stone and teaming	425 27	
Thomas Groom & Co., stationery	12 30	
New England Telephone & Telegraph Co., service	10 57	
Pettingell-Andrews Co., electrical sup- plies	13 12	
Glines & Co., expressing	1 25	
		<hr/>
	\$43,786 73	
Highways Maintenance account, labor and crushed stone	28 54	
Water Service Assessments account, laying water service	268 38	
		<hr/>
		<u>\$44,083 65</u>

Highway Betterment Assessments.

CREDIT.

Cash, received of sundry persons	\$4,833 14
Balance to debit of account, 1906	5,152 78
	<hr/>
	\$9,985 92

DEBIT.

Balance from 1904	\$2,305 44
Highways Construction, assessments levied as follows:—	
Clarendon avenue	\$2,540 50
Hawthorne street	488 92
Josephine avenue	1,508 30
Milton street	207 99
Moreland street	620 06
Pearl street	235 98
Prichard avenue	782 79
Richardson street	171 70
Farragut avenue	529 40
Hanson street	217 89
Ossipee road	376 95
	<hr/>
	7,680 48
	<hr/>
	<u>\$9,985 92</u>

Highways, Construction.

CREDIT.

Balance from 1904		\$2,518 84
Appropriations, from Funded Debt, 1905		20,000 00
Highways, Paved Gutters and Crossings account, amount transferred		10,000 00
Sidewalks Construction account, amount transferred		5,000 00
Public Buildings Construction, Addition to Bingham School account, amount transferred		14 96
		<hr/>
		\$37,533 80

Amounts transferred and unused:—

Highways, Paved Gutters and Crossings account, amount transferred	\$2,500 00	
Sidewalks Construction account, amount transferred	1,500 00	
Public Buildings Construction, Dormitory at City Home account, amount transferred	75 64	
Public Buildings Construction, Engine House in Ward Two account, amount transferred	263 18	
Public Buildings Construction, Proctor School Completion account, amount transferred	1,029 16	
Public Buildings Construction, Rifle Range at Waltham account, amount transferred	213 43	
Public Buildings Construction, Historical Building and Observatory on Prospect Hill account, amount transferred	159 89	
Public Buildings Construction, Contagious Disease Hospital account, amount transferred	2,300 00	
Highways, Shade Trees account, amount transferred	200 00	
	<hr/>	8,241 30

\$29,292 50

1,200 00

Proceeds of sale of gravel land at Wakefield		
Stock and labor billed other departments:—		
Highways, Maintenance account, stone	\$4,244 92	
Highways, Paved Gutters and Crossings account, blocks	221 39	
Sidewalks Construction account, paving blocks	4 88	
	<hr/>	4,471 19
Charged to Highway Betterment Assessments, assessments levied		7,680 48

\$42,644 17

20 67

Balance of account unused, carried to 1906		<hr/>
		\$42,623 50

DEBIT.

(Expenditures.)

Cash, paid laborers	\$15,942 36
Amount carried forward	<hr/>
	\$15,942 36

Amount brought forward	\$15,942 36
Warren Brothers Co., contract for construction	16,253 12
Ham & Carter Co., bricks	6 05
Boston Elevated Railway Co., bricks	396 80
S. & R. J. Lombard, edgestones	125 71
C. W. Dolloff, paving blocks	477 18
Frank Hervey, exploders, etc.	266 02
William J. McCarthy, crushed stone	96 91
Jerry Buttimer, stone	62 42
Wellington-Wild Coal Co., fuel	135 47
Somerville Journal Co., advertising	90 00
Wesley A. Maynard, advertising	7 00
T. Allen, tar and pitch	9 45
Edwin O. Childs, Registrar, recording	53 20
Augustus S. Knight, land	1,400 00
Harlow H. Rogers, tax lien	30 31

\$35,352 00

Highways Maintenance account, use of city teams and materials	7,112 79
Sidewalks Maintenance account, bricks	18 55
Sewers Construction account, cement	70 73
Highways, Paved Gutters and Crossings account, paving blocks	69 43

\$42,623 50

Highways, Maintenance.

CREDIT.

Appropriations, from Taxes, 1905	\$4,000 00
Commonwealth of Massachusetts:—	
Street Railway Tax	\$50,165 40
Boston Elevated Railway Tax	8,107 66
	<u>58,273 06</u>

\$62,273 06

Health, Collection of Ashes and Offal account, amount transferred	4,000 00
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\$58,273 06

Balance of account unused, carried to 1906	4,646 56
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\$53,626 50

Receipts:—

Cash, received of Joseph R. Baxter, ashes	\$4 00
A. S. Colburn, labor	5 00
Horace W. Andrews, labor	10 00
Horatio B. Ruggles, labor	10 00
W. L. Snow, labor	24 02
M. Q. Cook, labor	4 25
North Shore Express Co, labor	14 65
George E. Gustin, labor	11 64
J. H. Fannon, horse, etc.	54 50
A. M. Prescott, horse	77 50
Warren Brothers Corporation, use of roller	531 20
Edwin A. Simonds, driveway	11 39

Amounts carried forward \$758 15 \$53,626 50

Amounts brought forward	\$758 15	\$53,626 50
Edison Electric Illuminating Co., labor,	39 00	
Fred T. Ley & Co., crushed stone	3 00	
George H. Lowe, ashes	18 00	
Z. E. Cliff, labor	14 15	
J. E. Locatelli, driveway	5 00	
J. C. H. Snow, labor	14 40	
Simpson Brothers Corporation, crushed stone	25 38	
Thomas Allen, ashes	136 63	
Harry Gavell, labor	2 25	
Joseph Gridley, driveway	22 00	
W. E. Dodge, labor	10 40	
Boston Elevated Railway Co., part cost removing turnout	221 40	
Louisa Currell, resetting hitching post	4 25	
C. E. Parkhurst, labor	4 50	
Albert C. Ashton, labor	2 00	
William P. DeWitt, labor	2 25	
C. E. Egerton, labor	2 82	
Granville Hopkins, driveway	5 00	
Martin W. Carr & Co., crushed stone	1 65	
Henry G. Lamburn, ashes	17 00	
William J. McCarthy, crushed stone	4 84	
Julia A. McGlone, driveway	5 00	
Edw. J. Robertson, driveway	5 00	
Albert Ober, driveway	6 00	
Charles H. Dearborn, driveway	12 00	
Winter-hill Baptist Church, driveway	24 68	
Charlestown Gas & Electric Co., use of roller	14 00	
Mary D. Wilder, discontinuing driveway,	5 00	
Reginald W. Doe, driveway	5 00	
Elbridge G. Davis, driveway	9 85	
Henry A. & Leona F. Hooper, driveway,	5 00	
Frank A. Snow, labor	6 80	
John P. Squire & Co., driveway	200 07	
New England Telephone & Telegraph Co., use of teams	676 75	
T. H. Gill & Co., use of road roller	14 00	
		\$2,303 22
Stock and labor billed other departments:—		
Highways Construction account, teams	\$7,112 79	
Highways, Removing Brown-tail Moths ac- count, teams	201 60	
Highways, Paved Gutters and Crossings account, teams	1,396 07	
Highways, Watering Streets account, teams,	84 00	
Highways, Shade Trees account, teams	112 00	
Support of Poor, City Home account, labor,	8 00	
Sidewalks Construction account, teams	1,779 66	
Health Department account, labor	28 54	
Sidewalks Maintenance account, teams	467 70	
Sewers Construction account, labor	223 54	
Sewers Maintenance account, labor	17 87	
Public Grounds account, labor	55 28	
Public Buildings Construction, Engine House in Ward Two account, labor	270 40	
		11,757 45
		\$67,687 17

DEBIT.

(Expenditures.)

Cash, paid laborers	\$40,024 66
Asa Prichard, salary as superintendent of streets	1,800 00
disbursements	1 40
Eugene Mead, board of horse	251 60
Jerry Buttimer, stone	282 74
Charles M. Berry, stone	15 00
C. W. Dolloff, stone	17 20
J. F. Dwyer, stone	93 45
S. & R. J. Lombard, paving blocks	63 98
William H. Lenox, stone	34 80
William J. McCarthy, stone	174 83
Massachusetts Broken Stone Co., stone	146 63
J. O'Keefe, stone	3 00
P. Penault, stone	10 05
Herbert Nicoll, stone	42 93
Waltham Trap Rock Co., stone	1,244 99
Ham & Carter Co., bricks	40 00
N. T. Wiley & Co., repairing boiler	13 50
Frank Hervey, forcite	57 50
E. J. Hervey & Co., forcite	23 00
F. C. Ayer, lumber	332 13
Davenport-Brown Co., lumber	56
John M. Woods & Co., lumber	28 86
T. E. Littlefield, lumber	27 01
Carlisle Ayer Co., windows and frames	9 32
Lord & Webster, hay and grain	252 16
Nathan Tufts & Son, hay and grain	1,799 85
Gilmore Smith Co., hay and grain	182 32
Fulton O'Brien, hay and grain	2,029 47
Proctor Brothers, hay and grain	1,536 55
Hobart S. Palmer, hay and grain	163 68
Morgan & Bond, harness work	752 25
D. McDonald, harness work	4 80
W. H. Hitchings, veterinary services	156 00
C. H. Paine, condition powders	5 00
J. E. Richardson, bay mare	100 00
Esau Cooper, horses	775 00
W. C. Marston, horse	190 00
George W. Ladd, horseshoeing	7 00
Edward O'Brien, horseshoeing	110 75
I. B. Walker, horseshoeing	14 06
J. H. Edwards, horseshoeing	25
John B. Rufer, horseshoeing	50
George McDormand, horseshoeing	3 51
Hale & Mayhew Co., wagon repairs	151 46
A. M. Wood Co., wagon repairs	628 26
L. A. Wright, wagon repairs	5 50
J. L. & H. K. Potter, wagons and re- pairs	197 00
Joseph Palmer, wagon repairs	30 94
Walter W. Field, repairing road machines	225 41
Buffalo Steam Roller Co., repairing road machines	844 73
Good Roads Machinery Co., repairing road machines	21 70
Amount carried forward	<u>\$54,927 29</u>

Amount brought forward	\$54,927 29
Farrell Foundry & Machine Co., repairing road machines	40 00
A. B. Black, Agent, plow, etc.	150 50
Edson Mfg. Co., chain for sweeper	11 75
J. E. Gallagher, bellows and anvil	10 00
William B. Holmes, forge hood, etc.	10 75
Boston Broom Co., brooms and brushes,	12 00
T. A. Sallaway, brooms and brushes	10 46
Dennison, Estabrook & Co., brooms and brushes	78 00
T. A. Cunningham, brooms and brushes,	4 40
W. G. Hallock, brooms and brushes	6 50
Murphy Varnish Co., paint	261 44
I. H. Wiley & Co., paint	15 00
Waldo Brothers, cement	14 72
E. S. Sparrow & Co., hardware	139 81
Underhill Hardware Co., hardware	130 00
Whitney & Snow, hardware	184 28
W. E. Plumer & Co., hardware	39
J. A. Durell, hardware	15
William J. Wiley, hose	3 50
Dodge, Haley & Co., tools	45 93
Perrin, Seamans & Co., tools	97 00
Colonial Supply Co., tools	49 60
Boston Bolt Co., bolts	2 00
Osgood & Witherly, castings	48 41
William G. Martin repairing tools	2 60
A. F. Robinson Boiler Works, steel plate,	166 33
John W. Harmon, repairing levels	5 00
C. E. Berry, repairing tools	3 55
George McDormand, repairing tools	4 68
H. Wood, filing saws	2 10
Russell Calk Sharpener Co., calk sharpeners	224 20
Ashton Valve Co., repairing gauges	7 35
C. W. Lerner & Co., disinfectant	22 50
Winchester Tar Disinfectant Co., disinfectant	20 50
W. W. Rawson & Co., herbicide	80
Cling Surface Co., polish	7 00
Thomas Hollis Co., drugs	14 40
Herbert E. Bowman, drugs	32 00
Chandler & Farquhar Co., waste	103 70
Boston & Lockport Block Co., rope	4 34
Charles A. Claffin & Co., oil	22 73
P. Sutherland & Co., oil	50 70
Valvoline Oil Co., oil	89 31
J. P. Squire & Co., salt	3 96
D. A. McKay & Co., salt	5 36
Thomas Groom & Co., stationery	32 50
A. C. Libby & Sons, stationery	24 99
Steele & Nickerson, stationery	60
New England Telephone & Telegraph Co., service	70 04
Alice M. Vincent, typewriting report	1 50
Allen, Doane & Co., stamps	4 90
Wesley A. Maynard, advertising	8 75
Somerville Journal Co., envelopes and printing	30 75
Amount carried forward	<u>\$57,221 52</u>

Amount brought forward	\$57,221 52
J. H. Fannon, sand	11 50
M. W. Carr & Co., sand	86 50
McLean Brothers, sand	110 00
William Smith, sand	16 00
Henry G. Lamburn, sand	49 50
T. O'Keefe, sand	79 00
John M. Riley, gravel	15 38
W. B. Mullen, gravel	746 20
E. R. Dix, gravel	50 00
T. Allen, concreting	126 30
S. H. Lewis, sods and loam	6 31
Warren Brothers Corporation, grano- lithic	51 00
J. J. Fisher, pipe	1 61
Highland Coal Co., pipe	1 35
J. Willard Jones, serving notices, hearing Lowell-street bridge	43 00
Mary Callinan, settlement of claim for injuries	250 00
Mary E. Keene, settlement for injuries	250 00
Mary G. Byron, settlement of claim	75 00
Margaret A. Newman, settlement of claim	250 00
B. F. Freeman, photographs	22 20
E. C. Hartshorn, photographs	16 00
Bacon & Burpee, copies of hearings on Lowell-street bridge	194 60
Town of Wakefield, taxes, 1903	52 83
taxes, 1904	50 18
Pettingell-Andrews Co., electrical sup- plies	3 14
Boston & Maine Railroad Co., freight	3 48
Roberts Iron Works Co., grates	26 67
Charlestown Gas & Electric Co., lamp posts	56 00
Union Glass Co., lantern globes	18 40
Masten & Wells Fireworks Mfg. Co., torches	1 50
New York, New Haven & Hartford Railroad Co., freight	6 63
J. W. Howard, flowers and plants	19 63
Wellington-Wild Coal Co., fuel	739 37
Consumers' Coal Co., fuel	791 63
Walter H. Snow, lunches	3 75
Goodwin & Rimbach, lunches	12 00
Jackson-Caldwell & Co., oil stove	4 00
Howard Lowell & Son, carriage hire	42 00
J. Buttimer, teaming	13 50
American Express Co., expressing	8 25
E. R. Perham, expressing	1 05
Gilman Express Co., expressing	25
Glines & Co., expressing	15
	<hr/>
	\$61,527 38
Highways Construction account, stone	4,244 92
Sidewalks Maintenance account, bricks	20 14
Sidewalks Construction account, setting edgestones at Broadway terrace	1,363 09
	<hr/>
Amount carried forward	\$67,155 53

Amount brought forward	\$67,155 53	
Sidewalk Assessments account, sidewalk assessment	281 27	
Highways, Paved Gutters and Crossings account, paving blocks	230 85	
Sewers Construction account, cement	16 39	
Water Maintenance account, repairing siphon	3 13	
	<hr/>	\$67,687 17

Highways, Paved Gutters and Crossings.

CREDIT.

Appropriations, from: Funded Debt account, 1905	\$20,000 00	
Amount transferred from Highways Construction account,	2,500 00	
	<hr/>	\$22,500 00
Stock and labor billed other departments:—		
Sidewalks Maintenance account, bricks	\$19 38	
Highways Maintenance account, paving blocks	230 85	
Highways Construction account, paving blocks	69 43	
	<hr/>	320 16
Cash, received of Barbara Galpin, round stone		11 30
		<hr/>
		\$22,831 46
Amounts transferred and unused:—		
Highways Construction account, amount transferred	\$10,000 00	
Balance to credit of account, 1906	304 86	
	<hr/>	10,304 86
		<hr/>
		\$12,526 60

DEBIT.

(Expenditures.)

Balance from 1904	\$2,062 41	
Cash, paid laborers	4,853 42	
C. W. Dolloff, paving stone	1,880 10	
S. & R. J. Lombard, paving stock	1,776 46	
George W. Prichard, paving blocks	27 00	
Metropolitan Paving Brick Co., bricks	309 75	
	<hr/>	\$10,909 14
Highways Maintenance account, use city teams	1,396 07	
Highways Construction account, paving stock	221 39	
	<hr/>	\$12,526 60

Highways, Paving Broadway, Bow and Summer Streets.

CREDIT.

Balance from 1904	\$8,136 02	
Sewers Construction account, amount transferred	8,000 00	
	<hr/>	\$16,136 02
Balance to credit of account, 1906	15,544 17	
	<hr/>	\$591 85

DEBIT.

(Expenditures.)

Cash, paid Warren Brothers Co., contract for paving \$591 85

Highways, Removal of Brown-Tail Moths.

CREDIT.

Appropriations, from Taxes, 1905 \$3,000 00
 Interest account, amount transferred 1,500 00

\$4,500 00

Receipts:—

Cash, received of sundry persons, removing moths from trees 276 46
 Stock and labor billed other departments:—
 Public Grounds account, removing moths \$35 00
 Public Buildings Maintenance, Schoolhouses account, removing moths 21 50
 Support of Poor, City Home account, removing moths 7 50

64 00

Excess and Deficiency account, balance transferred \$4,840 46
44 80

\$4,795 66

DEBIT.

(Expenditures.)

Cash, paid laborers \$4,331 20
 Edward O'Brien, horseshoeing 3 50
 A. P. Rockwood, sleigh 25 00
 Bowker Insecticide Co., creosote 36 75
 Whitney & Snow, oil and tools 48 90
 Bugbee & Barrett Co., tanglefoot 3 00
 William G. Martin, sharpening saws 2 05
 Somerville Journal Co., stationery 35 00
 T. A. Cunningham, brushes 11 27
 Thomas Groom & Co., letter book 2 75
 Fellows & Co., ladders 21 25
 W. E. Plumer & Co., hardware 37 19
 Underhill Hardware Co., pruners 33 00
 H. Wood, springs, etc. 3 20

\$4,594 06

Highways Maintenance account, use city teams 201 60

\$4,795 66

Highways, Shade Trees and Tree Guards.

CREDIT.

Appropriations, from Funded Debt, 1905 \$1,400 00
 Amount transferred from Highways Construction account, 200 00
 Amount carried forward \$1,600 00

Amount brought forward	\$1,600 00
Receipts:—	
Cash, received of sundry persons, trees	151 95
	<hr/>
	\$1,751 95
Excess and Deficiency account, balance transferred	14
	<hr/>
	\$1,751 81

DEBIT.

(Expenditures.)

Cash, paid laborers	\$681 75
J. A. Durell, wire guards, etc.	189 00
E. S. Sparrow & Co., netting, etc.	95 76
Underhill Hardware Co., tape and staples	5 50
F. C. Ayer, posts	172 13
Bay State Nurseries, trees	476 37
Belmont Hill Nurseries, trees	10 50
Boston & Maine Railroad, freight on trees	8 80
	<hr/>
	\$1,639 81
Highways Maintenance account, use of city teams	112 00
	<hr/>
	\$1,751 81

Highways, Thorndike Street Subway.

CREDIT.

Appropriations, from Funded Debt, 1905	\$600 00
Balance to credit of account, 1906	34 47
	<hr/>
	\$565 53

DEBIT.

Balance from 1904	\$565 53
	<hr/>

Highways, Watering Streets.

CREDIT.

Taxes, assessments levied	\$21,520 24
Excess and Deficiency account, balance transferred	7 32
	<hr/>
	\$21,512 92

Receipts:—

Cash, received of abutters	\$46 00
Sundry persons, insuring	64 00
	<hr/>
	110 00
	<hr/>
	\$21,622 92

DEBIT.

(Expenditures.)

Cash, paid laborers	\$1,902 05
J. L. & H. K. Potter, repairing carts	296 96
	<hr/>
Amount carried forward	\$2,199 01

Amount brought forward	\$2,199 01
Joseph Palmer, repairing carts	39 47
Underhill Hardware Co., repairing carts,	32 00
Hale & Mayhew Co., repairing carts	62 91
I. B. Walker, repairing carts	23 21
L. A. Wright, repairing carts	12 00
F. W. Burrell & Co., repairing carts	14 00
T. Allen, pitch and gravel	40 17
Murphy Varnish Co., paints	691 44
Edward O'Brien, horseshoeing	25 00
A. M. Wood Co., repairing buggy, etc.,	64 46
Morgan & Bond, harness	20 00
John M. Woods & Co., lumber	98 44
William H. Hitchings, veterinary ser- vices	4 00
Cornelius R. Bowlby, watering	618 50
William F. Bennett, watering	495 00
Jeremiah Buttner, watering	425 00
Edward F. Caldwell, watering	533 27
Jackson Caldwell, watering	573 00
George E. Carr, watering	545 00
John F. Elkins, watering	554 27
James H. Fannon, watering	501 77
Charles T. Garland, watering	564 77
William H. Libby, watering	529 77
H. Lowell & Son, watering	622 00
John A. Marsh, watering	618 50
George F. McKenna, watering	618 50
Ellen McAvoy, watering	529 77
Henry J. McAvoy, watering	425 00
Michael J. McLaughlin, watering	501 77
Albion M. Prescott, watering	644 00
Mark W. Patten, watering	608 00
J. A. Porter & Co., watering	547 27
George W. Prichard, watering	545 00
Thomas F. Reardon, watering	520 50
Albert P. Rockwood, watering	618 50
John B. Rufer & Co., watering	615 00
Mary J. Shean, watering	536 77
R. M. Sturtevant, watering	611 50
Suburban Coal Co., watering	495 00
David M. Smith, watering	597 50
Frank A. Teele, watering	590 50
James H. Thompson, watering	547 27
Edwin E. Whitehouse, watering	540 27
Thomas Walsh, watering	543 77
Delia Wilson, watering	615 00
Charles S. Robertson, insurance	63 00
T. A. Cunningham, brushes	2 80
S. Ward Co., book	14 50
Loena A. Snowman, clerical services	22 67
Eva V. Tukey, clerical services	12 00
E. R. Perham, expressing	50
	<hr/>
	\$21,273 32
Highways Maintenance account, use of city teams	84 00
Assessors' account, clerical services	70 67
Water Maintenance account, repairing stand- pipes	145 16
Water Works Extension account, new stand- pipes	49 77
	<hr/>
	\$21,622 92

Inspection of Buildings.

CREDIT.

Appropriations, from Taxes, 1905	\$4,050 00
Excess and Deficiency account, balance transferred	46 95

 \$4,096 95

Receipts:—

Cash, received of Walter T. Littlefield, plumbers' licenses, telephone tolls	22 50
	\$79 77
	79 77

 \$4,119 45

DEBIT.

(Expenditures.)

Cash, paid Walter T. Littlefield, salary as commissioner of public buildings	\$1,900 00
George H. Galpin, assistant to commis- sioner of public buildings	800 00
Duncan C. Greene, inspector of plumb- ing	1,200 00
The Carter's Ink Co., typewriter ribbon, Thomas Groom & Co., stationery	1 00
A. C. Libby & Sons, stationery	38 50
S. Ward Co., stationery	1 25
Somerville Journal Co., printing	14 83
William J. Hanson, lead pipe	65 60
New England Telephone & Telegraph Co., service	2 50
W. A. Greenough & Co., directory	86 09
George F. McKenna, teaming	3 50
William S. Howe, solder	3 00
W. E. Plumer & Co., hardware	1 93
	1 25

 \$4,119 45
Interest.

CREDIT.

Appropriations, from Taxes, 1905	\$76,159 00
Excess and Deficiency account, balance transferred	11,770 67

 \$64,388 33

Amounts transferred and unused:—

Police account, amount transferred	\$3,000 00
Highways, Removal of Brown-tail Moths ac- count, amount transferred	1,500 00
Interest credited Real Estate Liens	2 05
Public Library, Isaac Pitman Fund, Income, Art account, balance of interest allowed on investment	39 89

 4,541 94

 \$59,846 39

Receipts:—

Interest charged to Real Estate Liens	1 32
Cash, received of sundry persons	\$10,906 18
	1 00

 10,905 18

 \$70,752 89

DEBIT.

(Expenditures.)

Coupons maturing April 1, 1905,	\$1,777 50	
Coupons maturing July 1, 1905,	25,115 00	
Coupons maturing October 1, 1905	4,367 50	
Coupons maturing January 1, 1906	22,807 50	
		\$54,067 50

Cash, paid interest on temporary loans:—

On Note No. 587, six months, \$30,000	\$573 00	
On Note No. 586, six months, \$25,000	477 50	
On Note No. 585, six months, \$20,000	382 00	
On Note No. 591, ten months, discount, \$25,000	712 50	
No Note No. 584, six months, \$25,000	477 50	
On Note No. 583, nine months, \$50,000	1,406 25	
On Note No. 588, six months, \$50,000	912 50	
On Note No. 589, six months, \$50,000	912 50	
On Note No. 584, four months, \$25,000	318 33	
On Note No. 585, four months, \$20,000	254 66	
On Note No. 586, four months, \$25,000	318 33	
On Note No. 587, four months, \$30,000	382 00	
On Note No. 590, ten months, \$100,000	2,708 33	
On Notes Nos. 592-3-4, eight months, \$50,000 each	3,249 99	
On Note No. 596, six months, \$100,000	1,800 00	
On Note No. 597, six months, \$100,000	1,800 00	
		16,685 39
		<u>\$70,752 89</u>

Metered Water Charges.

CREDIT.

Water Works Income account, abatements	\$30 99
Receipts:—	
Cash, received of sundry water takers	14,628 83
Balance to credit of account, 1906	19,184 09
	<u>\$33,843 91</u>

DEBIT.

Balance from 1904	\$14,658 38
Last quarter, 1905, uncollected	19,185 53
	<u>\$33,843 91</u>

Military Aid.

CREDIT.

Appropriations, from Taxes, 1905	\$1,100 00
Excess and Deficiency account, balance transferred	191 57
	<hr/>
	\$908 43
Receipts:—	
Commonwealth of Massachusetts	958 42
	<hr/>
	\$1,866 85

DEBIT.

(Expenditures.)

Cash, paid sundry persons as per pay rolls	\$1,842 00
F. G. Bartlett, board of Valentine E. Gilson	24 85
	<hr/>
	\$1,866 85

Overlay and Abatement.

CREDIT.

Taxes, amount of overlay from assessors' warrant	\$13,377 53
Amount of assessors' supplementary warrants, 1904 (cash),	19 62
Amount of assessors' supplementary warrants, 1905	2,055 30
	<hr/>
	\$15,452 45
Costs credited to Real Estate Liens	33 24
	<hr/>
	\$15,419 26
Balance to credit of account, 1906	2,546 99
	<hr/>
	\$12,873 17

DEBIT.

Taxes, amount of abatements, \$12,660 26 (Cash, \$4.00)	5 72
	<hr/>
	\$12,654 54
Cash, paid sundry persons, money refunded,	218 63
	<hr/>
	\$12,873 17

Overplus on Tax Sales.

CREDIT.

Balance from 1904	\$118 13
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DEBIT.

Balance to credit of account, 1906	\$118 13
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Police.

CREDIT.

Appropriations, from Taxes, 1905	\$39,000 00
Amount transferred from Interest account	3,000 00
	<hr/>
Amount carried forward	\$42,000 00

Amount brought forward		\$42,000 00	
Excess and Deficiency account, balance transferred		658 31	
			<hr/>
			\$41,341 69
Receipts:—			
Commonwealth of Massachusetts, corpora- tion tax, 1904	\$893 99		
Commonwealth of Massachusetts, national bank tax, 1904	79 89		
Commonwealth of Massachusetts, corpora- tion tax, 1905	24,741 13		
Commonwealth of Massachusetts, national bank tax, 1905	5,424 97		
		<hr/>	31,139 98
Cash, received of John R. Fairbairn, Master of House of Correction, fines	\$678 00		
Herbert A. Chapin, Clerk of the Courts, fines	3,954 00		
Sundry persons, cloth for uniforms	486 81		
		<hr/>	5,118 81
			<hr/>
			\$77,600 48

DEBIT.

(Expenditures.)

Cash, paid Melville C. Parkhurst, chief lock-up keeper	\$1,900 00		
Robert R. Perry, captain	100 00		
Robert R. Perry, captain	1,500 00		
Lieutenants:—			
Dennis Kelley	1,350 00		
Eugene A. Carter	1,350 00		
Charles E. Woodman	1,350 00		
Sergeants:—			
Edward McGarr	1,200 00		
George H. Carleton	1,200 00		
Eugene H. Gammon	1,176 90		
James M. Harmon	1,200 00		
Inspector, Thomas Damery	1,150 00		
Patrolmen:—			
Phineas W. Skinner	271 50		
Albion L. Staples	271 50		
John E. Fuller	1,092 00		
Edward M. Carter	1,089 00		
George L. Smith	1,032 00		
Francis A. Perkins	1,068 00		
William H. Johnston	1,077 00		
Jacob W. Skinner	1,095 00		
Theodore E. Heron	1,068 00		
David A. Bolton	1,083 00		
Michael T. Kennedy	1,098 00		
Ira S. Carleton	1,074 00		
Charles W. Stevens	1,092 00		
Ezra A. Dodge	1,092 00		
James J. Pollard	1,092 00		
Daniel G. Simons	1,092 00		
Samuel Burns	1,095 00		
Frederick H. Googins	1,095 00		
Jotham Chisholm	1,092 00		
		<hr/>	
Amount carried forward	\$32,445 90		

Amount brought forward	\$32,445 90
William J. Davidson	1,092 00
Elmer E. Drew	1,035 00
John A. Dadmun	1,098 00
Eugene A. Woodsum	1,092 00
George L. Rice	1,092 00
Myron S. Gott	1,092 00
John A. Ray	1,095 00
Herbert Hilton	1,092 00
Charles W. Reick	1,065 00
Charles E. Byrnes	1,098 00
Frank C. Hopkins	1,062 00
Charles W. Allen	1,098 00
Hudson M. Howe	1,098 00
Frederick J. Balcom	1,092 00
Ernest S. Goff	1,095 00
Sanford S. Lewis	1,095 00
Frank H. Graves	1,071 00
Henry A. Sudbey	1,056 75
Harry L. Allen	1,062 75
Harvey R. Fuller	1,068 25
William J. Sutherland	1,056 75
Thomas F. McNamara	1,043 50
Louis F. Arnold	980 00
Charles S. Johnston	980 00
George E. Reece	273 25
James M. Lynch	910 00
Martin Sharry	912 50
Henry Y. Gilson	912 50
Reserve:—	
Robert T. Blair	912 50
Ernest Howard	910 00
George A. C. Peters	905 00
Lemuel J. Simonds	910 00
Edmund J. Keane	912 50
Claude L. Crossman	905 00
Dennis Neylon	635 00
John J. Cummings	637 50
Dennis Downey	630 00
Edward M. Davies	540 00
Drivers:—	
Judson W. Oliver	910 00
Edward E. Ware	821 25
Frederick G. Jones	819 00
Martin E. Driscoll	184 50
Retired list (half pay):—	
John Hafford	478 50
George W. Bean	546 00
Phineas W. Skinner	409 50
Albion L. Staples	409 50
Special patrolmen:—	
James E. Phillips	430 00
David J. Hannah	422 50
Dennis J. Mulqueaney	322 50
Patrick H. Ryan	45 00
Peter J. Savage	7 50
Othniel M. Pote	7 50
Peter Savage	2 50
Frank O. Downer	10 00
Amount carried forward	\$74,887 40

Amount brought forward	\$74,887 40
Theron H. Kingsley	3 75
John H. Kelley	10 00
Robert C. Brown	7 50
Sundry persons, services at polls	166 00
Gertrude A. Bauer, matron	17 50
Minnie Woodland, matron	197 50
Thomas Damery, disbursements	127 67
Eugene A. Carter, disbursements	129 79
F. W. Hopkins, disbursements	124 20
Dennis Kelley, disbursements	14 00
L. H. Snow, committing prisoners	12 85
Patrick J. Garvin, committing prisoners,	3 45
Jotham Chisholm, disbursements	10 41
George H. Carleton, disbursements	6 41
Frank C. Hopkins, disbursements	3 06
J. A. Marsh, hay and grain	68 32
Proctor Brothers, hay and grain	37 41
Fulton O'Brien, hay and grain	71 82
Nathan Tufts & Sons, hay and grain	23 20
Hobart S. Palmer, hay	9 54
Ira L. Roberts, horseshoeing	83 75
E. F. Carl, harness work	9 00
D. J. Bennett, harness work	30 65
A. P. Rockwood, storage	20 00
L. H. Brown, carriage hire	56 00
Charles W. Dailey, use of ambulance	4 00
C. H. Paine, condition powders	2 00
Thomas Hollis Co., insect powder	3 00
Idella A. Taylor, washing	52 79
American Towel Supply Co., towels	48 00
J. H. Brooks, supplies	6 00
Fresh Pond Ice Co., ice	32 33
Lawrence M. Peirce, M. D. V., profes- sional services	5 00
Loring H. Raymond, M. D., professional services	6 00
Mary McEachern, food for prisoners	59 75
R. M. Sturtevant & Co., supplies	37 78
Whitney & Snow, hardware	35 50
Hobbs & Warren Co., stationery	42 57
M. L. Vinal, stationery	4 80
Henry Barrett, photographs	71 00
George O. W. Servis, photographs	15 00
C. M. Blake, daily papers	14 60
J. H. Padgett, printing	2 75
Somerville Journal Co., printing	102 50
New England Telephone & Telegraph Co., service	197 74
Underwood Typewriter Co., supplies	3 00
The Frank Shepard Co., law books	1 00
Little, Brown & Co., law books	4 50
W. A. Greenough & Co., directory	10 50
Allan Coughlan, repairs	7 25
Harper & Herman, repairing chairs	7 00
Lovett, Hart & Phipps Co., police cloth,	466 99
Raphael Masstrangialo, helmets, etc.	61 50
Allen Brothers, badges	10 15
Thomas W. Talcott, service stripes	3 75
Amount carried forward	<u>\$77,449 93</u>

Amount brought forward	\$77,449 93	
Scoville Mfg. Co., buttons	13 50	
Union Glass Co., lanterns	6 00	
Charles E. Berry, repairing handcuffs	2 25	
Eugene Mead, carriage hire	10 00	
George F. McKenna, carriage hire	15 00	
J. H. Thompson, use of horse	14 00	
R. G. Perkins, use of horse	7 00	
Elmer E. Drew, use of horse	76 00	
American Express Co., expressing	1 50	
A. M. Prescott, expressing	4 00	
Thorpe's Express, expressing	1 30	
	\$77,600 48	\$77,600 48

Powder House Boulevard.

CREDIT.

Amount transferred from Prospect-hill Park, Completion account	\$369 30
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DEBIT.

(Expenditures.)

Cash, paid laborers	\$295 00	
Waldo Brothers, drain pipe	5 60	
James Tevlin, teaming	68 70	
	\$369 30	\$369 30

**Printing and Stationery (Public Documents and
Stationery for Board of Aldermen).**

CREDIT.

Appropriations, from Taxes, 1905	\$2,000 00	
Excess and Deficiency account, balance transferred	40 95	
	\$1,959 05	\$1,959 05

DEBIT.

Cash, paid Somerville Journal Co., printing annual reports, etc.	\$1,671 70	
J. A. Cummings Printing Co., registers	176 00	
Thomas Groom & Co., stationery	7 35	
Somerville Post-office, postage	18 00	
George H. Walker & Co., maps	76 00	
George O. W. Servis, photographs	10 00	
	\$1,959 05	\$1,959 05

Property and Debt Balance.

CREDIT.

Balance from 1904	\$2,327,600 14	
Public Property, property acquired in 1905	75,575 58	
Funded Debt, bonds matured	136,500 00	
	\$2,539,675 72	\$2,539,675 72

DEBIT.

Funded Debt, issue of 1905	\$148,000 00	
Balance to credit of account, 1906	2,391,675 72	
		<u>\$2,539,675 72</u>

Public Buildings Construction, Addition to Bingham School.

CREDIT.

Appropriations, from Funded Debt, 1905	\$1,000 00	
Amount transferred to Highways, Construction account	14 96	
		<u>\$985 04</u>

DEBIT.

(Expenditures.)

Balance from 1904	\$596 93	
Cash, paid John E. Locatelli, carpentering	142 75	
Walsh Brothers, masonry	2 40	
J. J. Hurley & Co., retubing boiler, re- pairing radiator, etc.	125 96	
Kenny Brothers & Wolkins, school fur- niture	117 00	
		<u>\$985 04</u>

Public Buildings Construction, Contagious Disease Hospital.

CREDIT.

Appropriations, from Funded Debt, 1905	\$5,000 00	
Amount transferred from Highways Construction account,	2,300 00	
		<u>\$7,300 00</u>
Balance to credit of account, 1906	3,012 53	
		<u>\$4,287 47</u>

DEBIT.

(Expenditures.)

Balance from 1904	\$100 00	
Cash, paid McLean Brothers, on account of contract	3,092 50	
William J. Wiley, steamfitting and plumbing	197 54	
Walsh Brothers, contract for masonry	675 00	
George A. Teel, Guardian, interest on purchase of land	63 00	
Jennie P. Russell, interest on purchase of land	37 00	
B. L. Makepeace, drawing material	6 66	
Wadsworth, Howland & Co., stationery	8 87	
J. H. Fannon, teaming	12 50	
Charles A. Kelley, laying drain	39 40	
H. G. White, electric work	55 00	
		<u>\$4,287 47</u>

Public Buildings Construction, Dormitory at City Home.

CREDIT.

Balance from 1904	\$210 22
Appropriations, from Funded Debt, 1905	1,000 00
Highways Construction account, amount transferred	75 64
	<hr/>
	\$1,285 86

DEBIT.

(Expenditures.)

Cash, paid William B. Mackay, on account of contract	\$325 00
constructing cesspool	30 00
B. L. Makepeace, blue prints	1 60
C. W. Cahalan, steamfitting	193 59
Charles H. Sanborn, heating contract	250 00
Pratt Construction and Engineering Co., masonry and placing boiler	252 62
A. H. Hines, masonry	25 03
F. A. Harmon, painting and bronzing	16 45
Benjamin R. Twombly, painting	32 65
C. F. Mills, carpentering	24 75
Charles A. Rounds, electric work	83 00
Pettingell-Andrews Co., electrical supplies	3 63
W. E. Plumer & Co., hardware	22 50
Charles E. Shaw, hanging wall paper	20 04
	<hr/>
	\$1,285 86

Public Buildings Construction, Engine House in Ward Two.

CREDIT.

Appropriations, from Funded Debt, 1905	\$3,000 00
Amount transferred from Highways Construction account,	263 18
	<hr/>
	\$3,263 18

DEBIT.

(Expenditures.)

Balance from 1904	\$1,717 37
Cash, paid F. C. Alexander, masonry	848 25
J. E. Gallagher, digging	6 38
Herbert L. Henderson, gratings	130 00
H. G. White, electric fixtures	135 39
Charles E. Berry, labor and hardware	150 39
Patrick Burke, work on lawn	5 00
	<hr/>
	\$2,992 78
Highways Maintenance account, labor, gravel, etc.	270 40
	<hr/>
	\$3,263 18

Public Buildings Construction, Health Department.

CREDIT.

Amount transferred from Health Department account	\$1,200 00
Excess and Deficiency account, balance transferred	10 21
	<hr/>
	\$1,189 79

DEBIT.

(Expenditures.)

Cash, paid Arthur W. Berry, on account of contract	\$879 39
C. W. Cahalan, plumbing	24 06
Simpson Brothers Corporation, laying floor	193 00
J. H. Fannon, concrete walk	93 34
	<hr/>
	\$1,189 79

Public Buildings Construction, High School Building.

CREDIT.

Appropriations, from Funded Debt, 1905	\$40,000 00
Balance to credit of account, 1906	23,462 56
	<hr/>
	\$16,537 44

DEBIT.

(Expenditures.)

Cash, paid F. C. Alexander, on account of contract	\$12,146 90
Arthur W. Berry, carpentering contract,	1,825 00
F. O. Johnson, plumbing	516 53
C. W. Cahalan, plumbing	31 53
B. L. Makepeace, blue prints	1 44
E. S. Runyan, drawing	25 00
Aaron H. Gould, contract plans	800 32
Slade & Crawford, making specifications,	30 00
Thomas McNee, roofing	8 20
James A. Houston, shades	\$48 50
(cash)	6 00
	<hr/>
	42 50
George O. W. Servis, photographs	2 25
A. A. Sanborn, steamfitting	759 78
H. G. White, electrical work	163 96
E. S. Sparrow & Co., hardware	41 58
G. A. Walker, painting	50 45
Allen, Totman & Co., slating, etc.	92 00
	<hr/>
	\$16,537 44

Public Buildings Construction, Historical Building and Observatory on Prospect Hill.

CREDIT.

Amount transferred from Highways Construction account,	\$159 89
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DEBIT.

(Expenditures.)

Cash, paid Austin Ford & Son, settlement of suit	\$159 89
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**Public Buildings Construction, Luther V. Bell
School Fire Escapes.**

CREDIT.

Balance from 1904	\$1,500 00
Balance to credit of account, 1906	734 81
	<hr/>
	\$765 19

DEBIT.

(Expenditures.)

Cash, paid Lombard Fire Proofing Co., first payment on account of contract	\$660 00
Charles F. Mills, carpentering	58 50
F. C. Ayer, lumber	46 69
	<hr/>
	<u>\$765 19</u>

**Public Buildings Construction, Proctor School
Completion.**

CREDIT.

Balance from 1904	\$24,414 80
Appropriations, from Funded Debt, 1905	10,000 00
Amount transferred from Highways Construction account,	1,029 16
	<hr/>
	\$35,443 96

DEBIT.

(Expenditures.)

Cash, paid John E. Locatelli, on account of contract	\$25,091 35
Aaron H. Gould, services as architect	200 51
Alexander Duncan & Co., on account of contract	3,600 00
C. W. Cahalan, plumbing	2,187 11
William J. McCarthy, foundation for porch	293 50
Simpson Brothers Corporation, laying asbestolith floors	57 00
N. E. Marble & Mosaic Co-operative Co., granite composite	630 00
George F. McKenna & Son, teaming	192 50
William J. McCarthy, teaming, etc.	134 50
E. S. Sparrow & Co., hardware	553 72
H. G. White, electrical work	138 00
American School Furniture Co., fur- niture	1,256 85
Jackson Caldwell & Co., furniture	299 50
Kenney Brothers & Wolkins, furniture	534 45
Charles F. Mills, repairing furniture	30 75
James H. Houston, shades	95 00
H. E. Carlisle, mats	17 22
E. Howard Watch & Clock Co., oak clocks	120 00
J. H. Kelley, cleaning windows	12 00
	<hr/>
	<u>\$35,443 96</u>

**Public Buildings Construction, Rifle Range
in Waltham.**

CREDIT.

Amount transferred from Highways Construction account,	\$213 43
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DEBIT.

Balance from 1904	\$193 21	
Cash, paid Charles F. Mills, carpentering	15 00	
H. G. White, electrical supplies	3 22	
G. F. McKenna, teaming	2 00	
	<hr/>	<hr/> <u>\$213 43</u>

Public Buildings Maintenance, City Hall.

CREDIT.

Appropriations, from Taxes, 1905	\$3,000 00
Excess and Deficiency account, balance transferred	356 61
	<hr/>
	\$2,643 39

Receipts:—

Cash, received of J. J. Morrow, old carpet	1 50
	<hr/>
	\$2,644 89

DEBIT.

(Expenditures.)

Cash, paid Jackson Caldwell & Co., carpet, etc.	\$375 01
Gracey & Weir, cleaning carpet	13 19
Sanitary Dust Removing Co., cleaning carpets	87 50
W. W. Calkin, repairing chairs	4 12
William F. Eccles, repairing furniture	26 50
Derby Desk Co., chair iron	2 50
Charles Gale, repairing furniture	4 90
D. W. Webster, repairing furniture	2 65
Kenney Brothers & Wolkins, waste baskets	23 00
Davenport, Brown & Co., shelves, etc.	34 48
Charles F. Mills, carpentering	43 50
J. C. H. Snow, carpentering	39 77
Thomas McNee, repairing roof	11 25
The Mosler Safe Co., safe	244 00
Damon Safe & Vault Engineering Co., repairing vault	29 65
W. E. Plumer & Co., hardware	7 60
E. S. Sparrow & Co., hardware	5 93
Whitney & Snow, hardware	27 15
Underhill Hardware Co., hardware	3 83
H. Wood, lock work	12 95
Lumsden & Van Stone Co., gaskets	2 68
Electric Gas Lighting Co., electrical sup- plies	14 81
McKenney & Waterbury Co., supplies	7 33
Fred W. Farrar, repairing clock	1 50
	<hr/>
Amount carried forward	\$1,025 80

Amount brought forward	\$1,025 80
John H. Kelley, repairing radiator	12 50
William S. Howe, galvanized iron	3 25
F. O. Johnson, plumbing	50 54
J. F. Davlin, plumbing	42 50
A. A. Sanborn, fittings	90
James Bartley, soap and matches	7 30
American Chemical & Dyestuff Co., disinfectant	12 50
Co-Tar-O Remedy Co., disinfectant	7 50
G. A. Walker, varnishing	3 50
W. J. Fermoyle, painting	8 13
L. E. Clayton, cloth	43
William J. Wiley, brushes and dusters	57 50
T. A. Cunningham, brush	50
Murphy, Leavens & Co., brushes	32 36
Victoria Specialty Co., carpet sweeper	3 75
Amelia H. Wood, repairing flag	1 00
Daniel J. Campbell, labor	3 00
Jim Hodder & Bros., towels	4 00
M. A. Mann, laundering	30 00
Cambridge Ice Co., ice	33 54
Pettingell-Andrews Co., desk portable	3 75
Cambridge Gas Light Co., gas	5 30
Gas Consumers' Association, regulation,	2 00
Wellington-Wild Coal Co., fuel	169 98
Edison Electric Illuminating Co., lighting,	1,022 36
Consumers' Coal Co., fuel	96 50
G. F. McKenna, teaming	4 50
	<hr/>
	<u>\$2,644 89</u>

Public Buildings Maintenance, City Hall Annex.

CREDIT.

Appropriations, from Taxes, 1905	\$450 00
Excess and Deficiency account, balance transferred	41 10
	<hr/>
	\$491 10

DEBIT.

(Expenditures.)

Cash, paid John H. Kelley, steamfitting	\$5 50
Isaac Coffin & Co., pipe fittings	66
Clifford & Rogers, shades	14 70
Doten-Dunton Desk Co., oak chair	7 00
C. F. Mills, carpentering	18 75
Charles Gale, carpentering	70
F. E. Seavey, roofing	6 60
Wallburg & Woehrn, painting	25 00
Whitney & Snow, hardware	1 47
W. E. Plumer & Co., hardware	2 70
Hartford Steam Boiler Inspection & Insurance Co., insurance	50 00
Wellington-Wild Coal Co., fuel	89 63
Consumers' Coal Co., coal	77 20
Edison Electric Illuminating Co., lighting	67 74
	<hr/>
Amount carried forward	\$367 65

Amount brought forward	\$367 65	
George F. McKenna & Son, teaming	75	
Frank A. Teele, wood	3 25	
J. J. Hurley & Co., repairing radiator	83 65	
D. P. Bucknam, masonry	35 80	
		<u>\$491 10</u>

Public Buildings Maintenance, Fire Department.

CREDIT.

Appropriations, from Taxes, 1905	\$5,000 00
Excess and Deficiency account, balance transferred	482 37
	<u>\$5,482 37</u>

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	\$28 90
T. E. Littlefield, lumber	9 53
John M. Woods & Co., lumber	81 39
Davenport-Brown Co., lumber	15 27
W. P. Rice, lumber	6 16
C. F. Mills, carpentering	215 62
F. C. Alexander, sheathing	140 50
Stack & Torrey, plumbing	15 43
James W. O'Neil, plumbing	32 90
J. A. Durell, plumbing	2 15
H. W. Covell, plumbing	15 80
H. M. Hunnewell, plumbing	11 95
James F. Davlin, plumbing	6 55
A. A. Sanborn, steamfitting	52 55
M. F. Naughton & Co., steamfitting	12 40
William S. Howe, furnace work	14 97
William P. Young, furnace work	18 76
Osgood & Witherly, fire grates	5 00
Pierce, Butler & Pierce Mfg. Co., grate,	1 30
John H. Kelley, repairing boiler	2 50
Charles E. Berry, fittings for apparatus room	216 34
John B. Rufer, bolts	4 50
W. A. Snow Iron Works, brass posts	126 50
E. S. Sparrow & Co., hardware	16 54
W. E. Plumer & Co., hardware	56 42
Whitney & Snow, hardware	19 05
William J. Wiley, hardware	7 00
Benjamin R. Twombly, painting	2 96
LeBaron Emery, painting	5 50
Pittsburg Plate Glass Co., glass	1 17
C. W. Hughes, glass	2 50
S. & R. J. Lombard, flagging	46 80
P. Bowdren, care of lawns	5 00
William J. McCarthy, grading lot	156 13
T. F. McGann & Sons Co., bronze tablet,	127 00
William A. Bertsch, removing granite	35 00
W. E. Bucknam, masonry	3 00
George W. Manning, splicing halyards	28 50
Boston Spar Co., work on flagstaff	55 00
Amount carried forward	<u>\$1,604 54</u>

Amount brought forward	\$1,604 54	
Broad Gauge Iron Works, brass fittings for flagstaff	2 75	
Amelia H. Wood, repairing flag	1 00	
George E. McKay, flagstaff	50 00	
George O. W. Servis, photographs	2 00	
Caleb P. Bucknam, decorating	16 00	
Jackson Caldwell & Co., shades	43 25	
J. J. Hurley & Co., tubes, etc.	9 00	
H. G. White, electrical supplies	72 00	
Pettingell-Andrews Co., electrical sup- plies	5 22	
H. Wood, repairing lock	25	
Thomas Dowd, mortar, etc.	10 00	
Cambridge Gas Light Co., gas	92 12	
Charlestown Gas & Electric Co., gas	59 40	
Wellington-Wild Coal Co., fuel	1,357 92	
Edison Electric Illuminating Co., light- ing	1,611 80	
Consumers' Coal Co., fuel	510 12	
Frank A. Teele, wood	32 50	
G. F. McKenna & Son, teaming	2 50	
		<u>\$5,482 37</u>

Public Buildings Maintenance, Health Department.

CREDIT.

Appropriations, from Taxes, 1905	\$345 00
Excess and Deficiency account, balance transferred	110 70
	<u>\$234 30</u>
Receipts:—	
Cash, received of W. B. Mackay, rent	210 00
	<u>\$444 30</u>

DEBIT.

(Expenditures.)

Cash, paid C. W. Cahalan, plumbing	\$3 85
Simpson Brothers Corporation, asphalt base	45 00
E. S. Sparrow & Co., hardware	8 31
William J. Wiley, hardware	92 41
William B. Mackay, carpentering	6 50
C. F. Mills, carpentering	36 01
James Kenney, carpentering	5 60
Arthur W. Berry, carpentering	9 00
T. E. Littlefield, lumber	6 85
F. C. Ayer, lumber	60 75
Wellington-Wild Coal Co., fuel	44 80
Consumers' Coal Co., fuel	11 94
Edison Electric Illuminating Co., light- ing	112 16
B. L. Makepeace, blue prints	1 12
	<u>\$444 30</u>

Public Buildings Maintenance, Highways.

CREDIT.

Appropriations, from Taxes, 1905	\$300 00
Excess and Deficiency account, balance transferred	110 06
	<hr/>
	\$189 94

Receipts:—

Cash, received of Arthur Murley, rent	\$120 00
Thomas Ormand, rent	120 00
	<hr/>
	240 00
	<hr/>
	\$429 94

DEBIT.

(Expenditures.)

Cash, paid J. A. Durell, repairing stove	\$8 25
William J. Wiley, plumbing	6 35
F. O. Johnson, plumbing	5 05
C. W. Cahalan, cleaning drain	2 50
E. S. Sparrow & Co., hardware	12 75
S. W. Fuller, lumber	176 94
C. F. Mills, carpentering	27 00
Davenport-Brown Co., milling	56
Wellington-Wild Coal Co., fuel	61 78
Consumers' Coal Co., fuel	12 40
Edison Electric Illuminating Co., light- ing	111 16
Electric Gas Lighting Co., supplies	2 21
Pettingell-Andrews Co., electrical sup- plies	2 99
	<hr/>
	\$429 94

Public Buildings Maintenance, Janitors' Salaries.

CREDIT.

Appropriations, from Taxes, 1905	\$26,000 00
Excess and Deficiency account, balance transferred	741 25
	<hr/>
	\$26,741 25

DEBIT.

(Expenditures.)

Cash, paid janitors' salaries	\$26,741 25
	<hr/>

Public Buildings Maintenance, Police.

CREDIT.

Appropriations, from Taxes, 1905	\$1,100 00
Excess and Deficiency account, balance transferred	512 92
	<hr/>
	\$587 08

Receipts:—

Cash, received of J. O. Hayden, county treasurer, rent of court room	600 09
	<hr/>
	\$1,187 08

DEBIT.

(Expenditures.)

Cash, paid William S. Howe, furnace work,	\$6 80
Lumsden & Van Stone Co., gaskets	1 78
C. A. Slager, carpentering	9 61
G. D. B. Robinson, carpentering	1 98
James F. Davlin, plumbing	3 30
Whitney & Snow, hardware	27 77
W. E. Plumer & Co., hardware	1 50
Charles Gale, repairing chair	1 40
D. P. Bucknam, masonry	8 10
G. A. Walker, glazing	4 20
P. Bowdren, care of grounds	1 25
Murphy, Leavens & Co., brushes	34 00
Frank A. Teele, wood	6 50
C. W. Lerner & Co., disinfectant	37 00
West Disinfectant Co., disinfectant	21 50
Winchester Tar Disinfectant Co., disinfectant	10 00
R. M. Sturtevant & Co., matches	90
Continental Grate Co., box for grate	2 10
A. F. McMillan, repairing heater	7 90
G. F. McKenna & Son, teaming	1 50
Cambridge Gas Light Co., gas	366 40
Gas Consumers' Association, regulation,	18 00
Wellington-Wild Coal Co., fuel	367 97
Consumers' Coal Co., fuel	102 00
Edison Electric Illuminating Co., lighting	143 12
American Express Co., expressing	50
	<hr/>
	\$1,187 08

Public Buildings Maintenance, Public Grounds.

CREDIT.

Appropriations, from Taxes, 1905	\$100 00
Excess and Deficiency account, balance transferred	63 36
	<hr/>
	\$36 64

DEBIT.

(Expenditures.)

Cash, paid George W. Manning, lowering flagstaff	\$5 00
Arthur C. Gordon, glazing	8 60
J. A. Durell, hardware	64
Wellington-Wild Coal Co., fuel	22 40
	<hr/>
	\$36 64

Public Buildings Maintenance, Public Library.

CREDIT.

Appropriations, from Taxes, 1905	\$4,000 00
Excess and Deficiency account, balance transferred	810 78
	<hr/>
	\$3,189 22

DEBIT.

(Expenditures.)

Cash, paid Paine Furniture Co., furniture	\$7 00	
McLean Brothers, cabinet, etc.	282 60	
Clifford & Rogers, shades and cord	6 25	
Underhill Hardware Co., hardware	1 83	
T. A. Cunningham, brushes	95	
William Hall & Co., turnstiles	295 00	
Hurley & Cannon, steamfitting	6 50	
J. J. Hurley & Co., repairing radiator	27 99	
G. W. Manning, repairing roof	2 50	
W. W. Calkin, carpentering	68 77	
C. F. Mills, carpentering	13 50	
Charles Gale, carpentering	2 80	
T. E. Littlefield, lumber	2 40	
Davenport-Brown Co., lumber	1 21	
Hartford Steam Boiler Inspection & In- surance Co., insurance	50 00	
D. P. Bucknam, masonry	12 50	
H. Wood, repairing lock	40	
Louis Bell, electrical services	75 00	
Pettingell-Andrews Co., electrical sup- plies	1 10	
C. A. Southwick, extra services as janitor,	24 00	
Cambridge Gas Light Co., gas	46 60	
Wellington-Wild Coal Co., fuel	368 49	
Consumers' Coal Co., fuel	77 20	
Edison Electric Illuminating Co., light- ing	1,809 73	
Frank A. Teele, wood	3 25	
E. R. Perham, expressing	50	
American Express Co., expressing	1 15	
		<u>\$3,189 22</u>

Public Buildings Maintenance, Schoolhouses.

CREDIT.

Appropriations, from Taxes, 1905	\$25,000 00
Amount transferred from Contingent Fund	1,300 00
Excess and Deficiency account, balance transferred	3,351 18
	<u>\$29,651 18</u>

Receipts:—

Cash, received of Walter T. Littlefield, tele- phone tolls	\$79 77	
E. P. Fitzgerald, rent	7 00	
Walter Turner, rent	3 00	
H. B. Sellon, gas	56 10	
George F. Clark, old furniture	15 00	
Frank M. Hawes, broken glass	2 00	
J. B. Burke, use of schoolroom	3 00	
		<u>165 87</u>

Stock and labor billed other departments:—

School Contingent account, extra service	3 85
	<u>\$29,820 90</u>

DEBIT.

(Expenditures.)

Cash, paid John H. Adcock, plumbing	\$68 12
Armstrong Brothers, plumbing	37 60
Andrews & Andrews, plumbing	122 63
C. W. Cahalan, plumbing	2 95
Edwin Connell, plumbing	20 80
James F. Davlin, plumbing	9 69
F. O. Johnson, plumbing	95 71
M. F. Naughton & Co., plumbing	34 07
James W. O'Neil, plumbing	35 78
J. E. Parsons, plumbing	75
M. C. Short Plumbing Co., plumbing	3 15
Alex. Duncan & Co., steamfitting	162 56
J. A. Durell, steamfitting	299 16
William S. Howe, steamfitting	254 67
John H. Kelley, steamfitting	153 25
A. A. Sanborn, steamfitting	301 77
B. F. Sturtevant & Co., steamfitting	199 48
George A. Weld Co., steamfitting	28 18
Isaac Coffin & Co., steamfitting	23 42
Powers Regulator Co., steamfitting	39 65
Charles H. M. Hunnewell, steamfitting	149 02
Roberts Iron Works Co., repairing boiler	\$201 93
	18 60
	<hr/>
	183 33
Walsh Brothers, repairing boiler	20 75
William B. McKenna, repairing boiler	140 75
C. L. Underhill, repairing boiler	1 75
J. J. Hurley & Co., repairing boiler	88 82
H. M. Hunnewell, gasfitting	1 37
Stack & Torrey, gasfitting	7 58
L. A. Wright, iron work	8 00
J. B. Rufer, iron work	1 10
A. F. McMillan, furnace work	86 73
Continental Grate Co., furnace work	9 42
Somerville Iron Foundry, furnace work	8 00
D. P. Bucknam, mason work	503 56
E. Horne, mason work	28 05
B. E. Higgins, mason work	4 50
John Kennedy, mason work	49 19
A. H. Hines, mason work	91 38
F. S. Dickinson, mason work	7 50
E. B. Price, mason work	7 50
W. E. Bucknam, plastering	4 00
Thomas Dowd, repairing ceiling	3 15
T. Allen, concreting	63 00
James Higgins, sodding and grading	75 00
P. Bowdren, care of grounds	197 00
George W. Manning, repairing flagstaff,	49 15
Amelia H. Wood, repairing flags	5 00
Davenport-Brown Co., lumber	26 61
T. E. Littlefield, lumber	21 89
F. C. Ayer, lumber	5 02
Wilbur P. Rice, lumber	3 89
W. W. Calkin, carpentering	56 70
Charles Gale, carpentering	44 80
	<hr/>
Amount carried forward	\$3,846 90

Amount brought forward	\$3,846 90
Hemeon Brothers, carpentering	9 75
James Kenney, carpentering	86 80
C. F. Mills, carpentering	356 30
L. A. Penney, carpentering	26 71
J. C. H. Snow, carpentering	83 88
Trueman H. Thorpe, carpentering	17 03
Harris P. Tibbetts, carpentering	14 22
W. L. Waugh, carpentering	6 70
Sylvester Woods, carpentering	32 80
Thomas McNee, roofing	79 03
S. P. Larsen, roofing	7 95
Murphy Varnish Co., varnish	48 00
Mrs. C. H. Sanborn, fence	23 94
S. H. Davis & Co., hardware	90
A. J. Wilkinson & Co., hardware	1 00
W. E. Plumer & Co., hardware	151 27
E. S. Sparrow & Co., hardware	195 02
T. A. Sallaway, hardware	12 25
Underhill Hardware Co., hardware	306 08
William J. Wiley, hardware	93 87
Whitney & Snow, hardware	144 39
S. A. Bernard, painting	19 95
Cutler-Marshall Co., painting	212 00
Ernest W. Flagg, painting	8 40
D. O'Connell, painting	16 50
J. A. Stevens, painting	5 03
W. J. Fermoyle, setting glass	18 70
Benjamin R. Twombly, setting glass	5 65
G. A. Walker, setting glass	28 10
R. C. Burckes, setting glass	7 00
Pittsburg Plate Glass Co., glass	37 67
J. A. Bremner & Co., repairing walls	205 00
A. C. Gordon, sign and plan	31 05
O. M. Gracey, tubes and labor	5 00
House Cleaning Co., cleaning	13 00
Lever Brothers Co., soap powder	4 50
H. James & Son, soap	4 50
Solshine Mfg. Co., polish	21 60
Armour & Co., soap	96 94
Gibson Soap Co., polish	7 50
J. E. Post, brooms and brushes	1 75
T. A. Cunningham, brooms and brushes,	2 30
P. Sutherland & Co., oil	61 60
H. W. Burgess, oil	2 60
Robert Hull, oil	22 65
Borne Scrymser Co, oil	4 75
J. Wood, oil	42 00
E. & F. King Co., soda ash	14 71
L. Ryan, sawdust	1 00
E. S. Kearney, sawdust	28 75
Tar-O Remedy Co., disinfectant	15 00
American School Furniture Co., furni- ture	284 00
Jackson Caldwell & Co., furniture	121 05
Clifford & Rogers, furniture	22 90
Kenney Brothers & Wolkins, furniture	678 40
Osborn Furniture Co., repairing furni- ture	1 50
Amount carried forward	<hr/> \$7,597 84

Amount brought forward	\$7,597 84
Fred R. Rogers, repairing furniture	4 30
George M. Wadsworth, repairing furniture	6 80
D. W. Webster, repairing furniture	7 60
William F. Eccles, upholstering, etc.	50 00
Fibre Specialty Co., chair bottoms	8 14
Edw. J. Young, furniture moving	37 00
Allen-Totman Co., ink wells and supplies	112 31
Blodgett Brothers, repairing clocks	11 31
F. W. Farrar, repairing clocks	27 00
G. Taylor, repairing clocks	2 75
George L. Janvrin, repairing clocks	3 00
Frederick R. Cutter, repairing clocks	10 50
H. Wood, repairing locks	14 95
William G. Martin, repairing locks	1 00
William J. Wiley, repairing locks	2 00
Lumsden & Van Stone Co., gaskets	72 39
H. W. Johns-Manville Co., pipe covering, Cunningham Iron Co., plates, etc.	6 58
Hodge Boiler Works, plates	348 46
Johnson Service Co., valve	1 52
T. F. Welch & Co., valve stem	49 25
T. F. Dame, janitor's services	3 90
Clarence N. Richardson, janitor's services	47 00
Joseph Young, janitor's services	28 00
Penrose Thomas, janitor's services	28 75
William F. McKenna, janitor's services	6 00
J. F. O'Brien, janitor's services	22 00
Sanitary Dust Removing Co., cleaning carpets	2 25
E. O. Arnold & Co., laying carpets	16 60
Waldo Brothers, sand, lime, etc.	30 05
Somerville Journal Co., printing and stationery	5 05
Henry A. Wheeler & Co., ensigns	32 50
Howard Lowell & Son, board of horses, George McDormand, horseshoeing	58 29
J. E. Richardson, veterinary services	300 63
D. J. Bennett, strap	17 00
G. F. McKenna & Son, teaming	7 35
W. H. Wood, teaming	50
Hartford Steam Boiler Inspection & Insurance Co., insurance	141 75
Herbert Jay, rent of hall	1 00
New England Telephone & Telegraph Co., service	150 00
H. G. White, electrical work	70 00
Pettingell-Andrews Co., electrical supplies	501 16
Frank A. Teele, wood	8 06
Cambridge Gas Light Co., gas	131 40
Charlestown Gas & Electric Co., gas	645 10
Electric Gas Lighting Co., supplies	459 20
Gas Consumers' Association, gas regulation	41 81
Wellington-Wild Coal Co., fuel	32 00
	13,086 00
Amount carried forward	\$24,263 75

Amount brought forward	\$24,263 75	
Consumers' Coal Co., fuel	2,541 13	
Edison Electric Illuminating Co., lighting	2,905 14	
American Express Co., expressing	4 80	
Glines & Co., expressing	1 00	
		<hr/>
	\$29,715 82	
Highways, Removing Brown-tail Moths account, removing moths	21 50	
Sewers Maintenance account, repairing sewer	83 58	
		<hr/>
		<u>\$29,820 90</u>

Public Buildings Maintenance, Sewer Department.

CREDIT.

Appropriations, from Taxes, 1905	\$75 00
Excess and Deficiency account, balance transferred	43 78
	<hr/>
	\$31 22

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	\$1 55
C. F. Mills, carpentering	3 00
Wellington-Wild Coal Co., fuel	19 20
Consumers' Coal Co., fuel	5 97
G. F. McKenna & Son, teaming	1 50
	<hr/>
	<u>\$31 22</u>

Public Buildings Maintenance, Support of Poor.

CREDIT.

Appropriations, from Taxes, 1905	\$800 00
Excess and Deficiency account, balance transferred	484 36
	<hr/>
	\$1,284 36

Receipts:—

Cash, received of William B. Mackay, rent	35 00
	<hr/>
	\$1,319 36

DEBIT.

(Expenditures.)

Cash, paid C. W. Cahalan, plumbing	\$245 02
A. F. McMillan, repairing furnace	43 31
J. H. Kelley, repairing boiler	3 25
E. S. Sparrow & Co., hardware	12 75
William J. Wiley, hardware	8 97
Charles H. M. Hunnewell, steamfitting	28 61
Harris P. Tibbetts, carpentering	11 52
William B. Mackay, carpentering	165 56
Charles F. Mills, carpentering	8 25
W. P. Rice, lumber	7 54
	<hr/>
Amount carried forward	\$534 78

Amount brought forward	\$534 78	
T. E. Littlefield, lumber	81	
Carlisle Ayer Co., window	1 25	
Thomas Dowd, plates, etc.	15 70	
Cambridge Gas Light Co., gas	6 60	
Wellington-Wild Coal Co., fuel	421 77	
Consumers' Coal Co., fuel	127 44	
Edison Electric Illuminating Co., light- ing	211 01	
	<hr/>	\$1,319 36

Public Buildings Maintenance, Water Department.

CREDIT.

Appropriations, from Taxes, 1905	\$300 00
Excess and Deficiency account, balance transferred	6 74
	<hr/>
	\$306 74

DEBIT.

(Expenditures.)

Cash, paid Henry A. Wheeler & Co., en- signs	\$5 25	
John M. Woods & Co., lumber	44 05	
T. E. Littlefield, lumber	4 48	
Charles F. Mills, carpentering	17 25	
William J. Wiley, paint	2 15	
George F. McKenna & Son, teaming	1 50	
Wellington-Wild Coal Co., fuel	99 16	
Consumers' Coal Co., fuel	19 30	
Edison Electric Illuminating Co., light- ing	113 60	
	<hr/>	\$306 74

Public Grounds.

CREDIT.

Appropriations, from Taxes, 1905	\$10,500 00
Excess and Deficiency account, balance transferred	12 64
	<hr/>
	\$10,487 36

Receipts:—

Sidewalk assessment abated and returned	12 41
Cash, received of William A. McLean, lawn mower	\$1 00
Somerville High School Athletic Associa- tion, additional seats for grand stand	400 00
grading	52 53
	<hr/>
	453 53

Stock and labor billed other departments:—	
Sewers Maintenance account, labor, etc.	45 00
	<hr/>
	\$10,998 30

DEBIT.

(Expenditures.)

Cash, paid laborers	\$7,075 43
Arthur C. Gordon, signs and irons	244 97
I. B. Walker, iron work	34 91
L. A. Wright, repairing	3 85
David W. Lewis Co., grate and base	6 15
C. L. Kimball, ash slates	9 00
William F. Chester & Co., ladder rounds,	1 50
Mrs. A. H. Wood, repairing flags	10 00
George W. Manning, work on flagstaff	27 50
J. A. Durell, hardware	27 53
E. S. Sparrow & Co., hardware	39 57
Whitney & Snow, hardware	104 37
Underhill Hardware Co., hardware	95 75
W. E. Plumer & Co., hardware	4 86
Fulton O'Brion, salt	2 01
Highland Coal Co., lime	5 70
William J. McCarthy, stone dust	171 17
J. H. Fannon, concrete	6 00
D. J. Bennett, shot bags, etc.	26 50
Waldo Brothers, strainers	06
Braman, Dow & Co., strainers	40
E. DeF. Wilkinson & Co., painters' sup- plies	2 00
Margaret A. Simpson, sand	3 00
E. S. Kearney, sawdust	20 00
F. C. Ayer, lumber	506 81
Davenport-Brown Co., lumber	24 11
O. H. Belding, carpentering	29 40
Hemeon Brothers, carpentering	71 29
L. B. Harmon, carpentering	29 76
G. F. McKenna & Son, dressing	20 00
Bay State Nurseries, trees	93 00
J. W. Howard, plants, etc.	1,547 33
E. T. Bynner, spikes	1 00
C. L. Underhill, shafts and bolts	3 00
Hale & Mayhew Co., hinge and bolts	1 75
James Tevlin, use of teams	439 51
George W. Prichard, use of horse	41 00
William G. Martin, repairing tools	6 85
Ames Plow Co., repairing tools	6 75
Joseph Young, repairing tools	11 50
Thomas J. Grey & Co., repairing mower,	3 65
Charles E. Berry, repairing mower	10 52
J. B. Fellows & Co., lawn sprinklers	8 50
David H. Hyde, rubber boots	4 00
Webcowit Press, printing	3 00
Riding & Driving Club, lunches	14 00
H. Lowell & Son, carriage hire	25 00
Edison Electric Illuminating Co., electric fountain	5 00
Wellington-Wild Coal Co., coal	7 98
	<hr/>
	\$10,836 99
Highways, Removing Brown-tail Moths ac- count, labor	35 00
	<hr/>
Amount carried forward	\$10,871 99

Amount brought forward	\$10,871 99	
Sidewalks Assessments account, sidewalk assessments	12 41	
Highways Maintenance account, labor and crushed stone	55 28	
Water Maintenance account, repairs	58 62	
	<hr/>	<u>\$10,998 30</u>

Public Grounds, Prospect Hill Park Completion.

CREDIT.

Balance from 1904	\$369 30
Amount transferred to Powder-house Boulevard account	<u>369 30</u>

Public Library.

CREDIT.

Appropriations, from Taxes, 1905	\$14,500 00
Receipts:—	
Amount received of the city for dog licenses in 1904	\$4,105 14
Cash:—	
Sam Walter Foss, librarian, fines	668 94
catalogues, books, etc.	77 14
	<hr/>
	4,851 22
	<hr/>
	\$19,351 22

DEBIT.

(Expenditures.)

Cash, paid Sam Walter Foss, salary as librarian	\$2,500 00
Adele Smith, assistant librarian	800 00
Esther M. Mayhew, cataloguer	600 00
Edith B. Hayes, assistant cataloguer	500 00
Anna L. Stone, assistant	500 00
Mabel E. Bunker, assistant	584 80
Mary S. Woodman, assistant	500 00
Florence D. Hurter, assistant	500 00
Bessie L. Duddy, assistant	500 00
Nellie M. Whipple, assistant	500 00
Alice W. Sears, assistant	466 65
Florence M. Barber, assistant	366 66
Charlotte R. Lowell, assistant	233 34
Gardner Stacey, assistant	141 37
Charles A. Perry, assistant	228 50
F. Stuart Dean, assistant	179 70
Trueman Cushing, assistant	220 05
Saxton C. Foss, assistant	92 40
William Abbott, books	7 78
A. L. A. Publishing Board, books	2 40
John R. Anderson Co., books	311 77
American Tract Society, books	10 58
American Library Co., books	3 00
American Branch Society Psychical Research, books	5 00
	<hr/>
Amount carried forward	\$9,754 00

Amount brought forward	\$9,754 00
The Anderson Auction Co., books	80
American Baptist Publishing Society, books	77
D. Appleton & Co., books	13 39
N. J. Bartlett & Co., books	47 95
William R. Bradford, books	34 25
Richard G. Badger, books	3 57
The Baker & Taylor Co., books	9 54
George Barrie & Sons, books	36 00
R. B. Bartlett, books	4 50
Bloch Publishing Co., books	2 92
W. A. Butterfield, books	6 00
R. E. Bisbee, books	19 25
Albert Britnell, books	24 50
Burnham Antique Book Store, books	14 73
The Burrows Brothers Co., books	6 95
G. W. Butters, books	80
B. F. Buck & Co., books	4 35
P. Blackiston's Sons & Co., books	4 82
G. Waldo Browne, books	11 25
Edward Bixby, books	3 75
J. W. Bouton, books	1 00
Arthur H. Clark Co., books	7 00
The Century Co., books	24 85
Congdon & Britnell, books	4 50
Co-operative Exchange, books	1 00
Council of Supervisors, books	3 00
Charles W. Clark Co., books	20 40
A. B. Cross, books	1 00
Colesworthy's Bookstore, books	11 45
The Chapple Publishing Co., books	50
Central N. E. Tract Society, books	1 00
Dodd, Mead & Co., books	39 53
Desmond Publishing Co., books	170 50
W. A. DePew, books	4 00
Dana Estes & Co., books	72 75
Derry Collard Co., books	1 85
E. P. Dutton & Co., books	2 26
DeWolfe, Fiske & Co., books	45
Frederick J. Drake & Co., books	1 50
The Essex Institute, books	3 25
Essex Publishing Co., books	27 00
Emerson College of Oratory, books	5 80
Charles Evans, books	15 00
Educational Publishing Co., books	33 64
Mary A. Emerson, books	1 00
Ethical Culture Society, books	3 75
P. K. Foley, books	30 25
T. T. Fryer, books	35 49
Funk & Wagnalls Co., books	18 00
Fox, Duffield & Co., books	75
Ginn & Co., books	83 90
Goodspeed's Book Shop, books	9 50
W. A. Greenough & Co., books	7 00
Stanley Gibbons, books	1 44
Harper & Brothers, books	27 68
H. R. Huntting & Co., books	4 00
Francis P. Harper, books	6 30
Amount carried forward	<hr/> \$10,686 38

Amount brought forward	\$10,686 38
Norman W. Henley & Co., books	6 02
R. H. Hinckley Co., books	42 00
Henry Holt & Co., books	5 25
Houghton, Mifflin & Co., books	38 22
David W. Hoyt, books	12 50
H. S. Inman, books	48 00
International Reform Bureau, books	35
Ipswich Historical Society, books	4 50
Jordan, Marsh Co., books	5 40
C. A. Koehler & Co., books	21 95
Kimball Brothers, books	3 25
W. A. Keating, books	50 77
J. S. Lockwood, books	70 97
J. B. Lyon Co., books	5 00
C. F. Libbie & Co., books	210 04
J. B. Lippincott Co., books	13 05
Little, Brown & Co., books	2,700 26
George E. Littlefield, books	43 12
Charles E. Lauriat Co., books	9 10
Longmans, Green & Co., books	17 42
Lothrop, Lee & Shepard, books	61 99
S. F. McLean & Co., books	109 61
The Macmillan Co., books	49 39
Matthews-Northrup Works, books	2 70
James F. Meegan, books	7 50
Joseph McDonough, books	75
Henry Malkan, books	6 58
Musicians' League of America, books	37 00
John Moore, books	14 25
Noah Farnham Morrison, books	2 61
McDevitt-Wilson Co., books	37 36
Moody Publishing Co., books	10 00
The Medford Mercury, books	1 00
McGraw Publishing Co., books	12 54
Thomas B. Mosher, books	5 00
National Educational Association, books,	2 00
N. E. Hist. Gen. Society, books	21 00
Niel Morrow Ladd Co., books	13 00
New York Observer, books	1 75
Oxford University Press, books	2 16
Open Court Publishing Co., books	16 65
Old Corner Book Store, books	25 12
Wilson Palmer, books	2 00
Philadelphia Book Store Co., books	153 03
Public Opinion Club, books	20 00
S. J. Parkhill & Co., books	4 00
Charles H. Pope, books	5 80
Publishers' Weekly, books	26 00
G. P. Putnam's Sons, books	1 10
J. D. Pearson, books	2 50
Pilgrim Press, books	21 55
Frank Pergande, books	5 00
Rand, McNally & Co., books	1 00
Charles Scribner's Sons, books	27 53
Sibley & Co., books	5 00
Somerville Journal Co., books	34 26
Schoenhof Book Co., books	17 62
James H. West Co., books	3 55
Amount carried forward	\$14,763 45

Amount brought forward	\$14,763 45
Albert Clark Stevens, books	2 00
Carlos Slafter, books	2 18
G. P. Strong, books	7 50
Topsfield Historical Society, books	1 60
J. F. Taylor & Co., books	89
Tabard Inn Library, books	45 00
Jessie T. Trueman, books	5 36
Herbert B. Turner & Co., books	1 47
Union Library Association, books	29 82
University of Chicago Press, books	24 00
J. Frank Wellington, books	7 50
Edgar A. Werner, books	2 15
Writer Publishing Co., books	4 65
H. W. Wilson Co., books	38 36
John Wiley & Sons, books	7 48
Wood & Co., books	2 00
C. F. Warner, books	3 00
Wycil & Co., books	50
A. Wessels Co., books	2 99
Young People's Missionary Movement, books	5 00
P. W. Ziegler Co., books	1 56
Oliver Ditson Co., music books	55 29
C. W. Thompson & Co., music books	1 20
A. R. Andrews, supplies	18 42
Eastern Drug Co., supplies	12 00
Library Bureau, supplies	11 02
Library of Congress, supplies	75 00
George L. Bradlee, supplies	6 75
Thomas Groom & Co., stationery	59 53
Neostyle Co., stationery	1 50
George T. Bailey, periodicals	21 56
C. M. Blake, periodicals	12 00
The Boston Book Co., periodicals	94 91
Draper Publishing Co., periodicals	3 00
George H. Ellis Co., periodicals	3 00
Gustav Stickley, periodicals	3 00
William H. Guild & Co., periodicals	397 15
Walter S. Houghton, periodicals	14 00
Medford Historical Society, periodicals	1 25
George E. Whitaker, periodicals	2 50
Publishing Committee, Somerville His- torical Society, periodicals	4 00
David Farquhar, binding	744 15
John B. H. Longfellow, binding	243 00
P. B. Sanford Co., binding	999 76
Quincy E. Brewster, binding	7 95
Boston Bookbinding Co., binding	2 10
O. S. M. Haskell, agency	260 00
S. A. Riker, agency	14 36
A. M. Young, agency	102 30
S. Louise Chandler, agency	18 36
C. S. Lombard & Co., agency	49 27
M. L. Vinal, agency	19 68
L. L. C. Perkins, agency	9 86
Webcowit Press, printing	196 25
Somerville Journal Co., printing	279 50
T. H. Armstrong, chart	15 00
Amount carried forward	<u>\$18,717 08</u>

Amount brought forward	\$18,717 03	
G. W. Butters, directory	2 00	
Estate of H. C. Dimond & Co., repairs	1 00	
C. E. Stephenson, repairs	1 50	
Arthur C. Gordon, signs	18 00	
Cambridge Ice Co., ice	7 30	
C. S. Robertson, insurance	135 00	
New England Telephone & Telegraph Co., service	49 46	
Somerville Post-office, postage	30 00	
Paine Furniture Co., chair	\$7 00	
	7 00	
		<hr/>
American Express Co., expressing	47 16	
Gilman Express Co., expressing	186 37	
E. R. Perham, expressing	22 15	
Charles R. Taylor, expressing	118 20	
George G. Wilbur, expressing	8 40	
J. R. Wedgewood, expressing	7 60	
		<hr/>
		<u>\$19,351 22</u>

Public Library, Isaac Pitman Fund, Art.

CREDIT.

Amount held in trust, income to be used for art	\$4,000 00
Amount transferred from Isaac Pitman Fund, Investment account	251 66
	<hr/>
	\$4,251 66

DEBIT.

Balance to credit of account, 1906	<u>\$4,251 66</u>
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Public Library, Isaac Pitman Fund, Poetry.

CREDIT.

Amount held in trust, income to be used for poetry	\$1,000 00
Transferred from Isaac Pitman Fund, Investment account,	62 92
	<hr/>
	\$1,062 92

DEBIT.

Balance to credit of account, 1906	<u>\$1,062 92</u>
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Public Library, Isaac Pitman Fund, Income, Art.

CREDIT.

Balance from 1904	\$5 61
Receipts:—	
Cash, income from invested funds	240 00
	<hr/>
	\$245 61
Balance of account unused, carried to 1906	84 45
	<hr/>
	\$161 16

DEBIT.

(Expenditures.)

Cash, paid Little, Brown & Co., books	\$23 89	
T. T. Fryer, books	11 00	
George S. Bradlee, stereopticon views	101 62	
Library Art Club, pictures	5 00	
Arthur W. Hubbard, picture	6 00	
Soule Art Publishing Co., pictures	10 50	
Yamanaka & Co., jardiniere	3 15	
	<hr/>	\$161 16
		<hr/> <hr/>

Public Library, Isaac Pitman Fund, Income, Poetry.

CREDIT.

Balance from 1904	\$4 23	
Interest account, balance of interest allowed on investment, Receipts:—	39 89	
Cash, income from invested funds	60 00	
	<hr/>	\$104 12
Balance of account unused, carried to 1906	58 39	
	<hr/>	\$45 73

DEBIT.

Cash, paid N. J. Bartlett & Co., books	\$10 80	
Nathan Haskell Dole, books	2 50	
Little, Brown & Co., books	15 18	
John R. Anderson Co., books	4 60	
Colesworthy's Book Store, books	75	
Lothrop, Lee & Shepard Co., books	6 90	
Kimball Brothers, books	5 00	
	<hr/>	\$45 73
		<hr/> <hr/>

Public Library, Isaac Pitman Fund, Investment Account.

CREDIT.

Excess of premium in reinvestment of bonds	\$314 58	
Transferred to Art and Poetry Funds	314 58	
	<hr/>	
Balance to debit of account, 1906	\$5,314 58	

DEBIT.

Balance from 1904	\$5,000 00	
Deposit in bank	314 58	
	<hr/>	\$5,314 58
		<hr/> <hr/>

Public Property.

CREDIT.

Balance to debit of account, 1906	\$3,901,675 72
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DEBIT.

Property and Debt Balance, property ac- quired in 1905 (less cash, \$1,200)	\$75,575 58	
Balance from 1904	3,826,100 14	
	<hr/>	\$3,901,675 72
		<hr/> <hr/>

Real Estate Liens.

CREDIT.

Amount abated on Ada L. Bowker estate	\$33 24
Amount allowed on George A. Richards estate	2 05
Cash, received of J. H. Butler	16 12
	<hr/>
	\$51 41
Balance to debit of account, 1906	2,258 36
	<hr/>
	\$2,309 77

DEBIT.

Balance from 1904	\$1,757 80
J. H. Butler, et al., brought from Taxes, etc.	16 12
Florence E. Walker estate reverting to city, James Charlton estate reverting to city	61 20
	474 65
	<hr/>
	\$2,309 77

Redemption of Tax Liens.

CREDIT.

Cash, received of sundry persons, redemption of tax liens, Amount accruing to city under Chapter 443, Acts of 1902, carried to Excess and Deficiency account	\$1,527 53
	21 00
	<hr/>
	\$1,506 53
Balance to credit of account, 1906	32 97
	<hr/>
	\$1,473 56

DEBIT.

Cash, paid sundry purchasers, real estate liens	\$1,473 56
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Reduction of Funded Debt.

CREDIT.

Balance from 1904	\$1,000 00
Appropriations, from Taxes, 1905	130,500 00
Water Works Income, amount appropriated	8,408 87
	<hr/>
	\$139,908 87
• Receipts:—	
Cash, received of Loring, Tolman & Tupper, premium on bonds	442 52
	<hr/>
	\$140,351 39
Balance to 1906	10,851 39
	<hr/>
	\$129,500 60

DEBIT.

(Expenditures.)

Cash, paid bonds maturing in 1905	\$129,500 00
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School Contingent.

CREDIT.

Appropriations, from Taxes, 1905	\$23,500 00
Excess and Deficiency account, balance transferred	1,264 81

\$24,764 81

Receipts:—

Commonwealth of Massachusetts, tuition of state wards	97 00
Cash, received of G. A. Southworth, superintendent of schools, damage to property	\$65 84
tuition of non-resident pupils	109 16

175 00

\$25,036 81

DEBIT.

(Expenditures.)

Cash, paid Gordon A. Southworth, salary as superintendent of schools	\$3,000 00
disbursements	153 38
Cora S. Fitch, assistant	750 00
Lemuel H. Snow, truant officer	1,100 00
board of horse	240 00
Jairus Mann, truant officer	49 99
Eda W. Fitch, clerical services	5 00
Middlesex County Truant School, board of truants	322 14
American Book Co., books	1,423 06
Allyn & Bacon, books	117 00
Mary A. Atherton, books	112 50
Edward E. Babb & Co., books	624 98
T. H. Castor & Co, books	11 55
DeWolfe, Fiske & Co., books	1 47
Educational Publishing Co., books	73 45
Emerson College of Oratory, books	26 25
Funk & Wagnalls Co., books	19 20
Ginn & Co., books	1,599 17
Houghton, Mifflin & Co., books	180 55
D. C. Heath & Co., books	397 86
Harper & Brothers, books	20 00
Henry Holt & Co., books	75 24
Longmans, Green & Co., books	13 48
Lothrop, Lee & Shepard, books	9 47
Maynard, Merrill & Co., books	90 76
Schoenof Book Co., books	6 99
Rand, McNally & Co., books	3 68
Silver, Burdett & Co., books	1,406 75
Sibley & Co., books	9 38
Benjamin H. Sanborn & Co., books	1,147 99
Thompson, Brown & Co., books	5 15
University Publishing Co., books	51 18
American Oxygen Association, supplies	2 50
Adams, Cushing & Foster, supplies	3,842 76
American School Furniture Co., supplies,	5 30
L. T. Allen, supplies	31 50
Bausch & Lomb Optical Co., supplies	17 23

Amount carried forward \$16,946 91

Amount brought forward	\$16,946 91
John A. Boyle & Co., supplies	31 30
Joseph Breck & Sons, supplies	23 15
Milton Bradley Co., supplies	114 71
Carter's Ink Co., supplies	63 88
Clark Mfg. Co., supplies	81 70
Mary F. Carrick, supplies	15 00
N. H. Crowell, supplies	50 30
Mrs. E. T. Curtis, supplies	41 17
Cambridge Botanical Supply Co., sup- plies	11,90
Chandler & Barber, supplies	279 93
Dennison Mfg. Co., supplies	7 93
Eagle Pencil Co., supplies	23 70
Eimer & Amend, supplies	246 78
Esterbrook Steel Pen Co., supplies	24 00
Benjamin F. Freeman, supplies	5 50
G. R. Fiske & Co., supplies	38 35
Gilman-square Fish Market, supplies	60
J. L. Hammett Co., supplies	247 01
Houghton & Dutton, supplies	13 85
J. W. Howard, supplies	3 70
Holden Patent Book Cover Co., supplies,	238 96
Kueffel & Esser Co., supplies	154 30
L. E. Knott Apparatus Co., supplies	522 68
George F. King & Co., supplies	117 29
Kenney Brothers & Wolkins, supplies	37 35
Andrew J. Lloyd & Co., supplies	6 57
E. H. Lansing, supplies	5 00
George A. LaBree, supplies	17 33
Mitchell Mfg. Co., supplies	6 20
McKinley Publishing Co., maps	7 01
Theodore Metcalf Co., supplies	1 30
Charles F. Mills, supplies	1 25
Marine Biological Laboratory, supplies	5 85
Neostyle Co., supplies	2 25
New England Dressed Meat & Wool Co., supplies	63
Pettingell-Andrews Co., supplies	2 33
Howard W. Poor, supplies	17 10
W. E. Plumer & Co., supplies	204 34
Remington Typewriter Co., supplies	1 25
Smith Premier Typewriter Co., supplies,	104 45
Suffolk Ink Co., supplies	4 00
Swett & Lewis, supplies	24 00
T. W. Underwood Co., supplies	6 00
M. L. Vinal, supplies	275 79
Wadsworth, Howland & Co., supplies	647 16
Whitney & Snow, supplies	69 75
A. J. Wilkinson & Co., supplies	9 05
John M. Woods & Co., supplies	516 73
F. S. Webster & Co., supplies	6 96
Harvard University, examination papers,	10 40
Somerville Journal Co., printing	872 37
J. H. Padgett, printing	131 75
Allbee & Pratt, printing	49 25
Wesley A. Maynard, printing	22 10
Webcowit Press, printing	6 50
Amount carried forward	\$22,376 62

APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 117

Amount brought forward	\$22,376 62	
C. T. C. Whitcomb, disbursements	23 83	
S. A. Johnson, disbursements	4 27	
Charles E. Brainard, disbursements	1 55	
A. L. Doe, disbursements	2 05	
J. S. Emerson, disbursements	17 14	
H. P. Knight, disbursements	19 04	
George M. Wadsworth, disbursements	8 53	
G. A. Southworth, disbursements	10 00	
Alfred M. Cutler, taking school census	22 02	
R. H. Tincker, taking school census	37 30	
Elisabeth S. Webster, taking school census	53 68	
Wyman C. Fickett, taking school census,	49 58	
Charles E. Davis, taking school census	38 58	
Annie M. Gilcrease, taking school census	25 84	
Clara Z. Elliot, taking school census	38 34	
Oliver Ditson Co., music	22 38	
C. C. Birchard & Co., music	23 84	
E. S. Daniels, tuning	15 50	
H. W. Stone, engrossing	102 30	
Boston Bank Note Co., diplomas	151 81	
Brown, Durell & Co., ribbon	46 16	
Oscar W. Short, services	18 00	
Mildred Whiton, services	20 00	
Edwin Adler, services	1 60	
James H. Chase, services	15 00	
F. J. Barnard & Co., binding	439 20	
David Farquhar, binding	645 57	
Bow-street Methodist Church, use of edifice	150 00	
First Unitarian Society, use of edifice	10 00	
First Universalist Society, use of edifice	10 00	
Hadley's Orchestra, music	274 00	
William DeWitt Hyde, address	50 00	
Edward Cummings, address	25 00	
George A. Littlefield, address	25 00	
New England Telephone & Telegraph Co., service	149 96	
W. A. Greenough & Co., directory	3 50	
Howard Lowell & Son, carriage hire	10 00	
American Express Co., expressing	4 60	
Jackson Caldwell & Co., expressing	2 00	
Gilman Express Co., expressing	4 65	
Glines & Co., expressing	62 07	
Charles R. Taylor, expressing	20 45	
	<hr/>	
	\$25,030 96	
City Engineer account, supplies	2 00	
Public Buildings Maintenance, School-houses account, telephone service	3 85	
	<hr/>	
		\$25,036 81

School Teachers' Salaries.

CREDIT.

Appropriations, from Taxes, 1905	\$260,000 00
Excess and Deficiency account, balance transferred	5,325 83
	<hr/>
	\$254,674 12

DEBIT.

(Expenditures.)

Cash, paid salaries as per pay-rolls	\$254,674 12
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Sealer of Weights and Measures.

CREDIT.

Appropriations, from Taxes, 1905	\$1,050 00
Excess and Deficiency account, balance transferred	6 78

\$1,043 22

Receipts:—

Cash, received of John H. Dusseault, fees for weighing	430 07
--	--------

\$1,473 29

DEBIT.

(Expenditures.)

Cash, paid John H. Dusseault, salary as sealer of weights and measures	\$1,000 00
disbursements	412 94
R. Woodman Mfg. & Supply Co., lead seals	20 25
A. C. Libby & Sons, books and stationery	29 60
W. A. Greenough & Co., directory	3 50
Somerville Journal Co., advertising	7 00

\$1,473 29

Sewer Assessments.

CREDIT.

Receipts:—

Cash, received of sundry persons	\$2,637 12
Balance to debit of account, 1906	6,320 99

\$8,958 11

DEBIT.

Balance from 1904	\$6,271 17
Sewers Construction account, assessments levied	2,686 94

\$8,958 11

Sewers Construction.

CREDIT.

Balance from 1904	\$6,747 08
Appropriations, from Funded Debt, 1905	30,000 00
Sewer Assessments account, assessments levied	2,686 94

\$39,434 02

Reduced by the following transfers:—

Grade Crossings account	\$1,500 00
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Amounts carried forward	\$1,500 00	\$39,434 02
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APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 119

Amounts brought forward	\$1,500 00	\$39,434 02
Highways, Paving Broadway, Bow and Summer Streets account	8,000 00	
Electrical Department account	700 00	
Sidewalks Construction account	2,000 00	
	<hr/>	12,200 00
		<hr/>
		\$27,234 02
Balance of account unused, carried to 1906		4,711 52
		<hr/>
		\$22,522 50
Stock and labor billed other departments:—		
Sewers Maintenance account, labor, etc.	\$40 00	
Sidewalks Construction account, edgestones,	143 25	
Highways Maintenance account, cement	16 39	
Highways Construction account, cement	70 73	
	<hr/>	270 37
		<hr/>
		\$22,792 87

DEBIT.

(Expenditures.)

Cash, paid laborers	\$2,454 97
Bartholomew Burke, constructing sewer:—	
Russell road	35 62
Porter street	26 44
Pritchard avenue	225 76
Boston avenue	182 53
North street and Russell road	646 16
Daniel A. Dorey, constructing sewer:—	
Leland street	95 16
Joseph street	327 38
Highland avenue	852 28
Glen and Dell streets	173 60
Franklin and Oliver streets	547 00
Bromfield road	173 38
Pearson road	3,960 00
Richard Falvey, constructing sewer:—	
Beacon street	34 89
Cameron avenue	43 49
Highland road	40 71
Pearson avenue	34 48
Somerville avenue	758 60
Patrick Burke, constructing sewer:—	
Ware street	20 90
Palmer avenue, private lands and Fountain avenue	416 00
Palmer avenue	46 23
Timothy F. Crimmings, constructing sewer:—	
Boston avenue	62 94
Line street	28 95
Dickson street	138 05
Skilton avenue	292 65
Charles A. Kelley, constructing sewer:—	
North street	75 76
Willard B. Byrne, constructing sewer:—	
Washington street	2,833 75
	<hr/>
Amount carried forward	\$14,527 68

Amount brought forward	\$14,527 68	
James Fannon, constructing sewer:—		
Packard avenue	300 00	
New England Brick Co., brick	381 60	
Ham & Carter Co., brick	37 50	
M. A. Simpson, sand	7 50	
Eastern Clay Goods Co., pipe, etc.	321 68	
Waldo Brothers, drain pipe	3,917 42	
David W. Lewis & Co., cement	1,293 73	
Barbour, Stockwell Co., catch basins	9 50	
Somerville Iron Foundry, castings	834 00	
Osgood & Witherly, castings	80 00	
Charles E. Berry, labor and materials	33 34	
F. C. Ayer, lumber	6 32	
J. H. Fannon, repairing sidewalk	9 00	
Somerville Journal Co., printing	12 00	
Thomas Groom & Co., stationery	15 75	
Edwin O. Childs, Registrar, recording	8 60	
James Tevlin, teaming	646 50	
Boston & Maine Railroad, freight	110 76	
	<hr/>	
	\$22,552 88	
Water Maintenance account, service	9 70	
Sidewalks Maintenance account, brick	6 75	
Highways Maintenance account, labor, etc.,	223 54	
	<hr/>	
		\$22,792 87

Sewers, Maintenance.

CREDIT.

Water Works Income, amount appropriated	\$12,000 00	
Excess and Deficiency account, balance transferred	1 72	
	<hr/>	
		\$11,998 28
Receipts:—		
Cash, received of M. Berman, old iron and hose		13 40
Stock and labor billed other departments:—		
City Engineer account, stone bounds	\$23 50	
Public Buildings Maintenance account, labor, etc.	83 53	
	<hr/>	
		107 08
		<hr/>
		\$12,118 76

DEBIT.

(Expenditures.)

Cash, paid laborers	\$7,063 34
F. C. Ayer, lumber	22 27
Davenport-Brown Co., cypress gates	25 62
The Cornelius Callahan Co., repairing hose	26 75
Norton & Co., rubber hose	75 00
Edson Mfg. Co., hose and couplings	46 13
A. R. Hyde, repairing boots	52 60
A. Silverman, repairing rubber boots	2 10
William G. Martin, keys and repairing	6 75
New England Brick Co., brick	173 20
	<hr/>
Amount carried forward	\$7,493 76

Amount brought forward	\$7,493 76
William S. Howe, repairing leak	1 70
Frank R. Kenney, repairing register	8 00
Perrin, Seamans & Co., tools and supplies	8 93
Whitney & Snow, tools and supplies	153 73
I. B. Walker, repairing tools	22 95
C. L. Underhill, ice cutters, etc.	40 15
W. E. Plumer & Co., hardware	1 51
C. E. Berry, labor and repairing tools	7 50
Hemeon Brothers, tool box	6 00
M. A. Simpson, sand	1 00
William Bennett, sand	9 75
Waldo Brothers, lime	72 71
David W. Lewis Co., cement	71 09
Somerville Iron Foundry, castings	172 55
Osgood & Witherly, castings	5 00
Barbour, Stockwell Co., castings	4 00
James Tevlin, use of teams	3,765 02
Webcowit Press, printing	6 50
M. L. Vinal, stationery	20
Thomas Groom & Co., stationery	15 25
A. C. Libby & Sons, stationery	27 00
Fulton O'Brion, salt	29 75
H. Fisher, hats and suits	30 00
John Fisher & Co., sewer pails	9 00
New England Telephone & Telegraph Co., service	24 84
E. W. Danforth, disbursements	28 00

	\$12,015 89
Public Grounds account, repairing catch basins	45 00
Sewers Construction account, repairing sewer	40 00
Highways Maintenance account, crushed stone	17 87
	\$12,118 76

Sidewalk Assessments.

CREDIT.

Balance of account carried to 1906	\$3,700 40
Receipts:—	
Received of sundry persons (cash)	\$12,648 81
	27 09
	12,675 90
Sidewalk assessments on Broadway abated by order of the Board of Aldermen	681 54
	\$17,057 84

DEBIT.

Balance from 1904	\$6,009 18
Sidewalks Construction account, assessments levied	11,036 25
Sidewalk assessment on Broadway paid by the city and abated by the Board of Aldermen	12 41
	\$17,057 84

Sidewalks, Construction.

CREDIT.

Appropriations, from Funded Debt, 1905	\$16,000 00
Transferred from Sewers Construction account	2,000 00
Transferred from Highways Construction account	1,500 00
	<hr/>
Balance of account carried to 1906	\$19,500 00 739 75
	<hr/>
Transferred to Highways Construction account	\$18,760 25 5,000 00
	<hr/>
Sidewalk Assessments abated by order of the Board of Aldermen	\$13,760 25 681 54
	<hr/>
Sidewalk Assessments account, assessments levied	\$13,078 71 11,036 25
Receipts:—	
Cash, received of sundry persons, constructing sidewalks	1,128 79
Stock and labor billed other departments:—	
Highways Maintenance account, labor, etc.	1,363 99
	<hr/>
	\$26,606 84

DEBIT.

(Expenditures.)

Balance from 1904	\$2,825 45
Cash, paid laborers	7,058 87
S. & R. J. Lombard, edgestones	10,308 79
William J. McCarthy, crushed stone	69 85
Ham & Carter Co., bricks	3,125 10
Thomas Groom & Co., books	21 00
Somerville Journal Co., printing	25 00
S. H. Lewis, loam	50 90
Underhill Hardware Co., hardware	3 50
T. Allen, granolithic	1,190 59
	<hr/>
	\$24,679 05
Highways Maintenance account, use of city teams	1,779 66
Sewers Construction account, edgestones	143 25
Highways Construction account, paving blocks	4 88
	<hr/>
	\$26,606 84

Sidewalks, Maintenance.

CREDIT.

Appropriations, from Taxes, 1905	\$3,000 00
Excess and Deficiency account, balance transferred	6 05
	<hr/>
	\$2,993 05
Stock and labor billed other departments:—	
Highways Maintenance account, bricks	\$20 14
	<hr/>
Amounts carried forward	\$20 14
	<hr/>
	\$2,993 05

APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 123

Amounts brought forward	\$20 14	\$2,993 05
Highways Construction account, bricks	18 55	
Sewers Construction account, bricks	6 75	
	<hr/>	45 44
		<hr/>
		\$3,038 49

DEBIT.

(Expenditures.)

Cash, paid laborers	\$2,156 42	
Ham & Carter Co., bricks	370 73	
Warren Brothers Co., repairing sidewalk,	23 76	
	<hr/>	\$2,550 91
Highways Maintenance account, use of city teams and materials	467 70	
Highways, Paved Gutters and Crossings account, paving bricks	19 88	
	<hr/>	\$3,038 49
		<hr/>

Soldiers' Burials.

CREDIT.

Receipts:—

Commonwealth of Massachusetts, soldiers' burials	\$630 00
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DEBIT.

(Expenditures.)

Cash, paid John Bryant's Sons, services as undertakers	\$105 00	
A. E. Mann, services as undertaker	70 00	
W. A. Flaherty & Son, services as undertakers	105 00	
John E. Kauler, services as undertaker	105 00	
W. A. Frink, services as undertaker	70 00	
Francis M. Wilson, services as undertaker	105 00	
A. E. Long & Son, services as undertakers	35 00	
J. H. Boomer, services as undertaker	35 00	
	<hr/>	\$630 00
		<hr/>

Soldiers' Relief.

CREDIT.

Appropriations, from Taxes, 1905	\$13,500 00
Excess and Deficiency account, balance transferred	3,408 13
	<hr/>
	\$21,908 13

DEBIT.

(Expenditures.)

Cash, paid sundry persons as per pay-rolls	\$21,866 00	
	53 00	
	<hr/>	\$21,813 00
Amount carried forward	\$21,813 00	

Amount brought forward	\$21,813 00	
Webcowit Press, printing cards	3 25	
Charles W. Dailey, ambulance	6 00	
Wellington-Wild Coal Co., fuel	10 78	
Consumers' Coal Co., fuel	3 10	
Frederick L. Briggs, burial	72 00	
		<u>\$21,908 13</u>

Somerville Hospital.

CREDIT.

Appropriations, from Taxes, 1905	\$5,000 00
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DEBIT.

(Expenditures.)

Cash, paid for support of sick poor	<u>\$5,000 00</u>
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State Aid.

CREDIT.

(Receipts.)

Commonwealth of Massachusetts, state aid paid in 1905	\$14,548 00
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DEBIT.

(Expenditures.)

Cash, paid monthly pay-rolls	\$14,600 00	
	52 00	
		<u>\$14,548 00</u>

Street Lights.

CREDIT.

Appropriations, from Taxes, 1905	\$66,000 00	
Excess and Deficiency account, balance transferred	109 11	
		<u>\$65,890 89</u>

Receipts:—

Cash, received of sundry persons, lighting Westwood road,	39 60	
		<u>\$65,930 49</u>

DEBIT.

(Expenditures.)

Cash, paid the Edison Electric Illuminating Company of Boston, arc lighting	\$51,072 86	
incandescent lighting	14,741 63	
moving lamps	108 00	
J. H. Thompson, carriage hire	8 00	
		<u>\$65,930 49</u>

Sundry Persons.

CREDIT.

Balance from 1904 \$524 21

DEBIT.

Balance to credit of account, 1906 \$524 21

Support of Poor, City Home.

CREDIT.

Appropriations, from Taxes, 1905 \$2,800 00
 Excess and Deficiency account, balance transferred 762 12
\$3,562 12

Receipts:—

Cash, received of J. Foster Colquhoun,
 produce \$3,811 74
 Town of Arlington, aid 10 00
 Town of Sandwich, aid 90 50
3,912 24
\$7,474 36

DEBIT.

(Expenditures.)

Cash, paid J. Foster Colquhoun, salary as
 warden \$700 00
 disbursements 195 46
 Mrs. Catherine Colquhoun, matron 250 00
 Farm help 1,175 95
 House help 329 43
 Ella Perry, nursing 20 43
 D. J. Bennett, harness work 12 75
 James Forgie's Sons, harness work 2 45
 J. B. Rufer, horseshoeing 108 15
 George W. Ladd, horseshoeing 4 50
 I. L. Roberts, horseshoeing 5 50
 I. B. Walker, wagon repairs 3 30
 J. S. Bradeen Co., hay and grain 554 96
 H. E. Gustin, farm supplies 3 20
 Schlegel & Fottler Co., farm supplies 77 83
 W. W. Rawson & Co., farm supplies 24 65
 C. F. Penney, farm supplies 6 00
 Joseph Breck & Sons, farm supplies 36 07
 Hollis, Park & Pollard, farm supplies 4 75
 Rice Brothers, farm supplies 4 50
 R. & J. Farquhar & Co., farm supplies 2 65
 Henry Lynde, boxes and glass 67 64
 F. O. Johnson, piping hothouse 49 27
 Pittsburg Plate Glass Co., glass 23 76
 The Hale & Mayhew Co., irons for hot-
 house 2 35
 John Williams, boxes 4 00
 George G. Page Box Co., boxes 15 87
\$3,685 42

Amount carried forward \$3,685 42

Amount brought forward	\$3,685 42
M. J. Gallagher & Co., boxes	7 00
C. D. Gallagher, boxes	4 50
Harris P. Tibbetts, carpentering	135 15
Allen, Thompson, Whitney Co., furniture, Page & Baker, furniture	19 40 164 50
L. T. Allen, curtains	26 86
J. C. H. Snow, screens, etc.	132 40
William Oswald Co., kitchen supplies	32 83
Magee Furnace Co., kitchen supplies	5 80
Jordan, Marsh Co., kitchen supplies	25 23
Parke Snow, dry goods	108 01
Brown, Durrell & Co., clothing	15 03
A. Keene, clothing	22 65
George H. Thayer, boots and shoes	42 55
O. Elliot Smith, clothing	1 80
Mass. State Prison, clothing	31 50
Whitcomb Metallic Bedstead Co., beds and bedding	245 75
Farley, Harvey & Co., bedding	79 30
Franklin Rubber Co., rubber matting	34 48
Reuben Ring & Co., medicine	13 25
Percy A. Hall, medicine	32 52
Codman & Shurtleff, medical appliances	1 40
S. M. Lawrence, milk	70 69
C. F. Crocker, groceries	94 82
J. F. Clark & Co., groceries	2 35
Beyer Brothers Commission Co., groc- eries	24 60
Ar-Showe & Co., groceries	26 75
Boston Dairy Co., groceries	2 30
Clark Brothers Co., groceries	51 50
L. M. Dyer & Co., groceries	527 25
E. H. Freeman, groceries	45 75
L. C. Fisher & Co., groceries	11 90
Braman, Dow & Co., gas pipe	17
Joseph Huse & Son, boiler grates	1 40
D. J. Green & Co., brushes, etc.	14 08
E. O. Arnold & Co., carpet cleaning	16 50
Lightning Insecticide O. C. Co., disin- fectant	1 50
C. W. Lerner & Co., disinfectant	7 50
H. S. Pond, swill	110 75
Herbert Wood, repairing tools	1 25
Brown & Hildred, lawn mower repairs	1 00
Morrell Picture Frame & Shade Co., frames	1 75
E. S. Sparrow & Co., hardware	19 87
W. E. Plumer & Co., hardware	82 71
E. D. Sawyer Lumber Co., lumber	32 44
T. E. Littlefield, lumber	1 45
Highland Coal Co., cement	38 15
William B. Mackay, cement	6 25
J. H. Fannon, concrete walk	91 65
J. T. Glines Co., groceries	10 00
E. A. Holbrook, groceries	34 25
F. J. Hopkins, groceries	41 23
The G. H. Hammond Co., groceries	27 00
Charles A. Holmes, groceries	5 17
Amount carried forward	\$6,271 31

Amount brought forward	\$6,271 31
Hammond Packing Co., groceries	26 00
Nelson, Morris & Co., groceries	11 52
National Biscuit Co., groceries	49 36
Rice Brothers, groceries	2 50
J. W. Roberts & Co., groceries	418 38
Russell & Co., groceries	125 42
H. F. Sander, groceries	48 83
Swift & Co., groceries	2 80
Sperber & Co., groceries	95 51
Sander's Creamery, groceries	14 84
F. A. Weldon, groceries	13 09
Joseph H. White & Sons, groceries	24 95
John Wolf, Jr., & Co., groceries	8 80
Cambridge Ice Co., ice	20 85
Thomas Groom & Co., stationery	70
Town of Hingham, Eldridge elopement, New England Telephone & Telegraph Co., service	47 92
E. R. Perham, expressing	40

\$7,185 18

Health Department, Collection of Ashes and Offal account, swill	212 73
Highways, Removing Brown-tail Moths ac- count	7 50
Highways Maintenance account, labor	8 00
Water Department account, water pipes	60 95

\$7,474 36

Support of Poor, Miscellaneous.

CREDIT.

Appropriations, from Taxes, 1905	\$14,000 00
Excess and Deficiency account, balance transferred	820 04

\$13,179 96

Receipts:—

Commonwealth of Massachusetts, support of state paupers,	1,358 72
Cash, received for support of paupers:—	
City of Boston	\$1,244 13
City of Beverly	49 00
City of Cambridge	295 55
City of Chelsea	44 64
City of Everett	49 45
City of Fitchburg	24 00
City of Fall River	200 05
City of Gloucester	52 17
City of Haverhill	80 00
City of Lowell	9 00
City of Malden	47 75
City of Newton	181 10
City of New Bedford	25 00
City of Quincy	21 00
City of Salem	18 87
City of Springfield	38 00

Amounts carried forward \$2,379 71 \$14,538 68

Amounts brought forward	\$2,379 71	\$14,538 68
City of Worcester	35 50	
City of Waltham	42 25	
City of Woburn	35 00	
Town of Arlington	33 00	
Town of Acton	11 75	
Town of Andover	44 56	
Town of Belmont	48 25	
Town of Boylston	21 95	
Town of Canton	7 75	
Town of Concord	45 50	
Town of Framingham	29 30	
Town of Gardner	2 00	
Town of Leominster	36 59	
Town of Wakefield	15 25	
Town of Winthrop	4 00	
Frank Burke, aid	69 64	
Samuel Rines, aid	127 20	
	<hr/>	2,989 20
		<hr/>
		\$17,527 88

DEBIT.

(Expenditures.)

Cash, paid for support of state paupers:—	
Commonwealth of Massachusetts	\$630 06
Foxboro State Hospital	51 08
Massachusetts School for Feeble-Minded, Massachusetts Hospital for Dipsomaniacs and Inebriates	892 29
Massachusetts School for Epileptics	317 25
Somerville Hospital, support and treat- ment of sick poor	533 00
City of Boston	1,538 55
City of Cambridge	1,008 74
City of Medford	118 61
City of Newton	36 50
City of Worcester	20 00
Town of Attleboro	46 00
Town of Brookline	114 40
Town of Revere	105 75
Town of Pepperell	89 57
Ellen Mahoney, cash allowance	137 06
Bridget Condon, board	84 00
Maria S. Higgins, board	120 73
Emiline K. Willis, board	25 87
Ann Kelley, board	52 17
Maria L. Messerve, board	14 14
Edw. Hunnewell, board	35 02
E. C. Ingersoll, board	17 44
The Children's Mission, board	8 72
Charles C. Folsom, salary as agent disbursements	140 00
Alvah B. Dearborn, city physician	1,600 00
Cora F. Lewis, secretary	181 19
Wellington-Wild Coal Co., fuel	1,800 00
Frank A. Teele, fuel	700 00
Metropolitan Coal Co., fuel	771 34
	41 55
	3 33
Amount carried forward	<hr/>
	\$11,234 41

APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 129

Amount brought forward	\$11,234 41
Fresh Pond Ice Co., ice	3 20
Surgeons' & Physicians' Supply Co., medicine	8 05
The G. F. Harvey Co., medicine	34 67
Charles Killgore, medicine	7 23
Milton H. Plummer, medicine	82 52
The Fraser Tablet Co., medicine	5 52
Bell & Co., medicine	2 00
Swan & Co., medicine	1 50
Bristol-Myers Co., medicine	6 00
L. E. Allen & Co., groceries	4 00
J. W. Applin, groceries	2 00
H. G. Applin, groceries	32 00
W. P. Blanchard, groceries	146 00
James Bartley, groceries	386 00
N. R. Barrows, groceries	91 00
F. A. Barlow, groceries	211 98
C. S. Butters, groceries	84 00
M. D. Brown, groceries	12 00
Edward Coliten & Son, groceries	321 00
Copithorne Brothers, groceries	31 16
A. F. Carpenter, groceries	349 86
F. L. Card, groceries	90 00
John T. Connor Corporation, groceries	4 00
F. E. Cheney Co., groceries	177 50
James Davis, groceries	220 00
George E. Farnam, groceries	34 00
Charles F. Giles, groceries	813 50
James Harris, groceries	17 50
F. A. E. Jewell, groceries	59 00
M. L. King, groceries	155 50
M. D. Lewis, groceries	24 00
Medford-street Market, groceries	427 50
D. A. McKay, groceries	241 50
James H. Maguire, groceries	302 00
Susan Nangle, groceries	54 00
Public Market, groceries	52 00
A. E. Robie, groceries	126 00
R. M. Sturtevant & Co., groceries	806 50
Charles H. Sands, groceries	46 00
D. E. Watson, groceries	318 00
Joseph J. Kelley & Son, burials	15 00
F. M. Wilson, burials	45 00
A. E. Mann, burials	20 00
John Bryant's Sons, burials	10 00
W. A. Flaherty & Son, burials	34 00
John S. McGowan, burials	15 00
John E. Kauler, burials	5 00
George F. McKenna, burials	20 00
P. H. Rafferty, burials	30 00
Mrs. Thomas J. Colwell, nursing	3 00
F. W. Gilbert, boots and shoes	60 05
David H. Hyde, boots and shoes	3 00
W. J. Emerson, boots and shoes	2 75
J. H. Brooks, dry goods	9 50
M. G. Staples, moving clothing	1 50
Howard Lowell & Son, carriage hire	6 00
Charles W. Dailey, carriage hire	14 00
Amount carried forward	<hr/> \$17,318 40

Amount brought forward	\$17,318 40	
ambulance	12 00	
Thomas Groom & Co., stationery	29 10	
Somerville Journal Co., printing	71 95	
W. A. Greenough & Co., directory	3 50	
New England Telephone & Telegraph Co., service	92 93	
		<u>\$17,527 38</u>

Taxes.

CREDIT.

Receipts:—		
Cash, received for taxes of 1900		\$24 00
" " " " 1901		286 72
" " " " 1902		593 95
" " " " 1903, \$1,671 20		
	2 48	
		1,673 68
" " " " 1904, \$226,060 50		
	25 89	
		226,034 61
" " " " 1905		875,216 62
		<u>\$1,103,829 58</u>
Overlay and Abatement:—		
Abatements on taxes of 1900		\$923 36
" " " " 1901		1,687 19
" " " " 1902		534 56
" " " " 1903		251 32
" " " " 1904		1,406 04
" " " " 1905		7,857 79
		<u>12,660 26</u>
Balance to debit of account, 1906:—		
Being uncollected taxes of 1900		\$545 72
" " " " 1901		629 40
" " " " 1902		3,121 05
" " " " 1903, \$5,374 54		
	2 48	
		5,372 06
" " " " 1904, \$6,776 90		
	25 89	
		6,802 79
" " " " 1905		262,981 03
		<u>279,452 05</u>
		<u>\$1,395,941 89</u>

DEBIT.

Balance from 1904	\$249,886 45
Tax Levy, as per assessors' warrant of August 10, 1905	1,144,000 14
Supplementary warrants, amounts credited to Overlay and Abatement account	2,055 30
	<u>\$1,395,941 89</u>

Temporary Loans.

CREDIT.

Balance from 1904		\$350,000 00
Cash, borrowed by authority of the Board of Aldermen on notes as follows:—		
City Note No. 590, ten months, 3.25 per cent.	\$100,000 00	
City Note No. 591, ten months, 3.42 per cent. (discount)	25,000 00	
City Note No. 592, eight months, 3.25 per cent.	50,000 00	
City Note No. 593, eight months, 3.25 per cent.	50,000 00	
City Note No. 594, eight months, 3.25 per cent.	50,000 00	
City Note No. 595, seven months, three days, 3.24 per cent.	100,000 00	
City Note No. 596, nine months, 3.60 per cent.	100,000 00	
City Note No. 597, nine months, 3.60 per cent.	100,000 00	
City Note No. 598, five months, 3.75 per cent.	50,000 00	
	<hr/>	625,000 00
		<hr/>
		\$975,000 00

DEBIT.

(Expenditures.)

Cash, paid as follows:—		
City Notes Nos. 573, 574, 575, 576	\$100,000 00	
City Note No. 583	50,000 00	
City Note No. 584	25,000 00	
City Note No. 585	20,000 00	
City Note No. 586	25,000 00	
City Note No. 587	30,000 00	
City Note No. 588	50,000 00	
City Note No. 589	50,000 00	
City Note No. 590	100,000 00	
City Note No. 591	25,000 00	
City Note No. 592	50,000 00	
City Note No. 593	50,000 00	
City Note No. 594	50,000 00	
	<hr/>	\$625,000 00
Balance to credit of account, 1906	350,000 00	
	<hr/>	<hr/>
		\$975,000 00

Water Loan Interest.

CREDIT.

Water Works Income, amount appropriated		\$4,450 00
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DEBIT.

Coupons maturing April 1, 1905:—		
\$72,000, six months, 4 per cent.	\$1,440 00	
Amount carried forward	\$1,440 00	

Amount brought forward	\$1,440 00	
Coupons maturing July 1, 1905:—		
\$26,000, six months, 4 per cent.	520 00	
\$10,000, six months, 5½ per cent.	275 00	
Coupons maturing October 1, 1905:—		
\$72,000, six months, 4 per cent.	1,440 00	
Coupons maturing January 1, 1906:—		
\$25,000, six months, 4 per cent.	500 00	
\$10,000, six months, 5½ per cent.	275 00	
		<u>\$4,450 00</u>

Water Maintenance.

CREDIT.

Water Works Income, amount appropriated	\$24,000 00	
Water Works Income, amount transferred	1,500 00	
		<u>\$25,500 00</u>
Water Works Income, balance of appropriation transferred	2,528 91	
		<u>\$28,028 91</u>
Receipts:—		
Cash, received of sundry persons, costs	\$299 00	
Sundry persons, pipe, fittings, etc.	683 97	
		<u>982 97</u>
Stock and labor billed other departments:—		
Highway Maintenance account, labor	\$3 13	
Public Grounds account, labor	58 62	
Sewers Construction account, pipe	9 70	
Support of Poor, City Home account, pipe, etc.	60 95	
Highways, Watering Streets account, labor	145 16	
Water Works Extension account, stock	12,937 67	
		<u>13,215 23</u>
		<u>\$42,227 11</u>

DEBIT.

(Expenditures.)

Cash, paid laborers	\$15,801 20
Frank E. Merrill, salary as water commissioner disbursements	2,300 00
Edward M. Shedd, inspector	1,300 00
Lillian E. Leavitt, assistant	780 00
Laura E. Peavey, assistant	600 00
Florence H. Plimpton, clerical services	236 00
Marcella F. Kendall, clerical services	72 00
Effie Fife, clerical services	16 00
Eda Fitch, clerical services	8 00
Hobart S. Palmer, hay and grain	164 30
Nathan Tufts & Sons, hay and grain	142 50
William F. Emerson, hay and grain	11 40
Fulton O'Brion, hay and grain	291 20
Proctor Brothers, hay and grain	258 53
George W. Ladd, horseshoeing	24 50
Amount carried forward	<u>\$22,075 76</u>

APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 133

Amount brought forward	\$22,075 76
Edward O'Brien, horseshoeing	121 25
John B. Rufer, horseshoeing	28 00
Taylor & Rawson, buggy	120 00
Hale & Mayhew Co., wagon repairs	129 00
C. L. Underhill, wagon repairs	78 10
repairing tools	144 38
D. J. Bennett, harness work	199 25
C. H. Paine, condition powders	5 00
William Buckley, veterinary services	26 00
J. E. Richardson, services	2 00
A. J. Wilkinson & Co., tools	13 24
Chandler & Farquhar, tools	13 13
William G. Martin, repairing tools	2 00
H. Wood, repairing tools	20
Brown & Hildred, repairing tools	3 00
James Dorna, repairing tools	18 14
I. B. Walker, repairing tools	75
Albert Griffiths Saw Co., repairing tools, Perrin, Seamans & Co., repairing pump, etc.	4 10 104 20
F. W. Gilbert, rubber boots	18 55
O. T. Gould, repairing clock	5 00
P. S. Lynch, labor	1 25
William S. Howe, tunnel, etc.	9 40
Charles A. Clafin & Co., couplings	28 33
Waldo Brothers, cement	82 70
Margaret A. Simpson, sand	17 00
Richards & Co., lead	41 63
Harold L. Bond & Co., melting pot	12 36
Underhill Hardware Co., hardware	65 27
W. E. Plumer & Co., hardware	125 57
William J. Wiley, hardware	3 20
Louis A. Bacon, felt	3 60
Henry C. Hunt Co., leather	3 81
P. J. Flannery, stop and waste cocks	95 00
H. Mueller Mfg. Co., corporation cocks,	169 06
A. W. Chesterton & Co., gaskets	4 84
Boston Woven Hose & Rubber Co., gaskets	11 32
Andrew J. Lloyd & Co., charts	1 38
Crosby Steam Gage & Valve Co., charts,	4 00
Edson Mfg. Co., bolts	1 89
F. E. Fitts Mfg. & Supply Co., seals	3 50
H. J. Shaw, hydrant rods	36 58
The Dececo Co., service gates	29 60
Norwood Engineering Co., valves	310 00
Coffin Valve Co., valves	138 00
Chapman Valve Mfg. Co., valves	40 57
The Fairbanks Co., valves	23 18
Lead-Lined Iron Pipe Co., pipe	891 36
Chadwick-Boston Lead Co., pipe	1,482 59
R. D. Wood & Co., pipe	3,435 68
Rensselaer Mfg. Co., hydrants	451 90
Thomson Meter Co, meters	3,980 91
Hersey Mfg. Co., meters	296 61
Neptune Meter Co., meters	157 75
National Meter Co., meters	21 95
Union Water Meter Co., meters	1,869 40
Amount carried forward	\$36,962 24

Amount brought forward	\$36,962 24
Henry R. Worthington, meters	525 00
Joseph Sigel, meters	5 00
Sumner & Goodwin Co., fittings	25 03
Walworth Mfg. Co., fittings	29 59
Braman, Dow & Co., fittings	546 03
Osgood & Witherly, castings	732 74
Julian D'Este Co., castings	78 44
Somerville Iron Foundry, castings	419 46
C. W. Lerner & Co., disinfectant	22 50
H. E. Bowman, medicine	3 20
Boston & Maine Railroad Co., freight	313 47
Boston & Albany Railroad Co., track protection	3 74
Boston Elevated Railway Co., car tickets,	25 00
Globe Gas Light Co., gasolene	19 05
New England Oil Co., oil	53 10
D. A. McKay, soap	1 05
S. W. Fuller, lumber	98 37
George W. Gale Lumber Co., lumber	129 17
Shaw & Remby, lumber	1 56
Cyril J. Larivee & Co., lumber	4 62
Eastern Salt Co., salt	6 80
Fresh Pond Ice Co., ice	66 55
Winter-hill Ice Co., ice	26 74
S. C. Baxter, inspection	10 00
Brown-Wales Co., hoops	50
Joe Cotter, shafting	1 25
James H. Roberts & Co., pulleys	36 65
Thomas Groom & Co., stationery	169 75
H. B. Lambert, stamps	240 00
The Elliott Co., stencil cutter, etc.	170 45
Somerville Journal Co., printing	240 60
Wesley A. Maynard, printing	2 75
Frank A. Teele, wood	45 00
Wellington-Wild Coal Co., fuel	19 75
A. F. Lewis Mfg. Co., files	1 00
William G. Johnston & Co., holders	22 80
New England Telephone & Telegraph Co., service	221 79
Municipal Engineering Co., subscription,	2 00
Fire & Water Engineering Co., subscrip- tion	3 00
W. A. Greenough & Co., directory	3 50
Sanborn Map Co., correcting map	10 00
J. H. Fannon, repairing	3 50
Merriman Brothers, repairing blocks	2 80
Smith-Premier Typewriter Co., repairs	1 20
Derby Desk Co., repairing desk	9 00
William R. Conard, pipe inspection	80 51
R. Woodman Mfg. & Supply Co., sealing press and wire	12 00
L. H. Truesdell, show card	50
Pettingell-Andrews Co., electrical sup- plies	7 79
H. G. White, motor	110 00
Kenneth A. Skinner, rent of automobile	20 00
Timothy F. Crimmings, use of team	5 00
T. M. Durell, M. D., medical services	25 00
Amount carried forward	<u>\$41,576 59</u>

Amount brought forward	\$41,576 59	
Elizabeth Waters, compensation for damages	500 00	
P. J. O'Malley, claim	78 75	
J. W. Applin, claim	30 00	
Mrs. B. Martin, claim	8 50	
American Express Co., expressing	18 55	
Gilman Express Co., expressing	8 72	
A. B. Cronin, expressing	6 00	
	<hr/>	\$42,227 11
		<hr/> <hr/>

Water [Service Assessments.

CREDIT.

Receipts:—

Cash, received of sundry persons, costs of services laid	\$4,456 58
Transferred to Water Works Income account	4,456 58
	<hr/> <hr/>

Water Works, Abatements on Water Charges.

CREDIT.

Water Works Income, amount appropriated	\$487 20
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DEBIT.

Cash, paid sundry persons, money refunded	\$487 20
	<hr/> <hr/>

Water Works Extension.

CREDIT.

Water Works Income, amount appropriated	\$15,000 00
Water Works Income, balance transferred	1,796 13
	<hr/>
	\$16,796 13

Stock and labor billed other departments:—

Highways, Watering Streets account, stock, etc.	49 77
	<hr/>
	\$16,845 95

DEBIT.

(Expenditures.)

Cash, paid laborers	\$4,908 28
Water Maintenance account:—	
pipe stock	3,834 86
service stock	2,867 34
meter stock	5,235 47
	<hr/>
	\$16,845 95
	<hr/> <hr/>

Water Works Income.

CREDIT.

Metered Water Charges, last quarter 1905 uncollected		\$19,185 53
Receipts:—		
Commonwealth of Massachusetts, proportion of water receipts, 1905	\$809 65	
Water Service Assessments, receipts of 1905,	4,456 58	
	<hr/>	5,266 23
Cash, received of sundry water takers		197,776 12
		<hr/>
		\$222,227 88

DEBIT.

Water Maintenance account, amount appropriated	\$24,000 00
Water Maintenance account, amount transferred	1,500 00
Water Maintenance account, balance transferred	2,528 91
Fire Department, amount appropriated	61,465 00
Reduction of Funded Debt, Water Loan Bonds, amount appropriated	6,000 00
Water Loan Interest, amount appropriated	4,450 00
Water Works Extension account, amount appropriated	15,000 00
Water Works Extension account, balance transferred	1,796 18
Sewers Maintenance account, amount appropriated	12,000 00
Water Works, Abatements on Water Charges account, abatements in 1905	487 20
Metered Water Charges account, abatements	30 99
Commonwealth of Massachusetts, Metropolitan Water Assessment	90,560 73
Reduction of Funded Debt account, balance transferred	2,403 87
	<hr/>
	<u>\$222,227 88</u>

Table D.—Balances December 31, 1905.

Cash	\$116,483 89
Assessors	81 31
City Messenger	111 78
City Solicitor	44 09
Commonwealth of Massachusetts	16,111 42
Election Expenses:—	
Commissioner of Public Buildings	312 53
Registrars of Voters	83 79
Electrical Department	337 75
Fire Department	2,823 87
Health Department, Collection of Ashes and Offal	11,228 79
Highway Betterment Assessments	5,152 78
Inspection of Buildings	46 95
Metered Water Charges	19,184 09
	<hr/>
Amount carried forward	\$172,003 04

Amount brought forward	\$172,003 04	
Public Buildings Maintenance:—		
City Hall Annex	41 10	
Fire Department	482 37	
Janitors' Salaries	741 25	
Schoolhouses	3,351 18	
Support of Poor	484 36	
Water Department	6 74	
Public Library, Isaac Pitman Fund, Invest- ment	5,314 58	
Public Property	3,901,675 72	
Real Estate Liens	2,258 36	
School Contingent	1,264 81	
Sewer Assessments	6,320 99	
Sidewalk Assessments	3,700 40	
Soldiers' Relief	3,408 13	
Support of Poor, City Home	762 12	
Taxes	279,452 05	
City Auditor		\$16 02
City Clerk		412 95
City Engineer		13 53
City Treasurer		818 25
Contingent Fund		123 60
Coupons Unpaid		24,540 00
Election Expenses:—		
City Clerk		430 01
Election Officers		11 00
Excess and Deficiency		81
Executive Department		54 61
Fire Department, Combination Ladder Truck and Chemi- cal Engine		150 00
Funded Debt	1,510,000 00	
Grade Crossings		977 30
Health Department		3,041 98
Highways Construction		20 67
Highways Maintenance		4,646 56
Highways, Paved Gutters and Crossings		304 86
Highways, Paving Broadway, Bow and Summer Streets		15,544 17
Highways, Thorndike-street Subway		34 47
Highways, Removal of Brown-tail Moths		44 80
Highways, Shade Trees		14
Highways, Watering Streets		7 32
Interest		11,770 67
Military Aid		191 57
Overlay and Abatement		2,546 09
Overplus on Tax Sales		118 13
Police		658 31
Printing and Stationery		40 95
Property and Debt Balance		2,391,675 72
Public Buildings Construction:—		
Contagious Disease Hospital		3,012 53
Health Department		10 21
High School Building		23,462 56
Luther V. Bell School Fire Escapes		734 81
Public Buildings Maintenance:—		
City Hall		356 61
Health Department		110 70
Highways		110 06
Police		512 92
Amounts carried forward	\$4,381,267 20	\$4,001,504 89

Amounts brought forward	\$4,381,267 20	\$4,001,504 89
Public Grounds		63 36
Public Library		810 78
Sewer Department		43 72
Public Grounds		12 64
Public Library, Isaac Pitman Fund, Art		4,251 66
Public Library, Isaac Pitman Fund, Poetry		1,062 92
Public Library, Isaac Pitman Fund, Income, Art		84 45
Public Library, Isaac Pitman Fund, Income, Poetry		58 39
Reduction of Funded Debt		10,851 39
Redemption of Tax Liens		53 97
School Teachers' Salaries		5,325 88
Sealer of Weights and Measures		6 78
Sewers Construction		4,711 52
Sewers Maintenance		1 72
Sidewalks Construction		739 75
Sidewalks Maintenance		6 95
Street Lights		109 11
Sundry Persons		524 21
Support of Poor, Miscellaneous		820 04
Excise Tax		223 01
Temporary Loans		350,000 00
	<u>\$4,381,267 20</u>	<u>\$4,381,267 20</u>

APPROVAL OF TREASURER'S REPORT.

In Committee on Finance, February 8, 1906.

To the Board of Aldermen of Somerville:—

The committee on finance, to which was referred the report of the treasurer and collector of taxes for the year 1905, reports that, in conjunction with the auditor, it has examined and audited the books and accounts of the treasurer and collector of taxes for the year ending December 31, 1905, and in the manner prescribed by section 7 of chapter 4 of the Revised Ordinances of 1900.

A careful comparison has been made with the books of the city auditor and with financial statements received from the several committees, boards, and officers of the city accountable for the use of the city funds.

The cash account has been verified by actual count of the cash on hand, and the balances shown to be in the banks of deposit have been confirmed by the officials of the banks.

The committee reports that no errors were discovered in the accounts and books of the treasurer and collector, and recommends that his report be accepted and printed in the annual reports of 1905.

SIDNEY B. KEENE,	} Committee on Finance.
WILLIAM A. FLAHERTY,	
E. H. SPAULDING,	
ZEBEDEE E. CLIFF,	

In Board of Aldermen, February 8, 1906: Accepted.

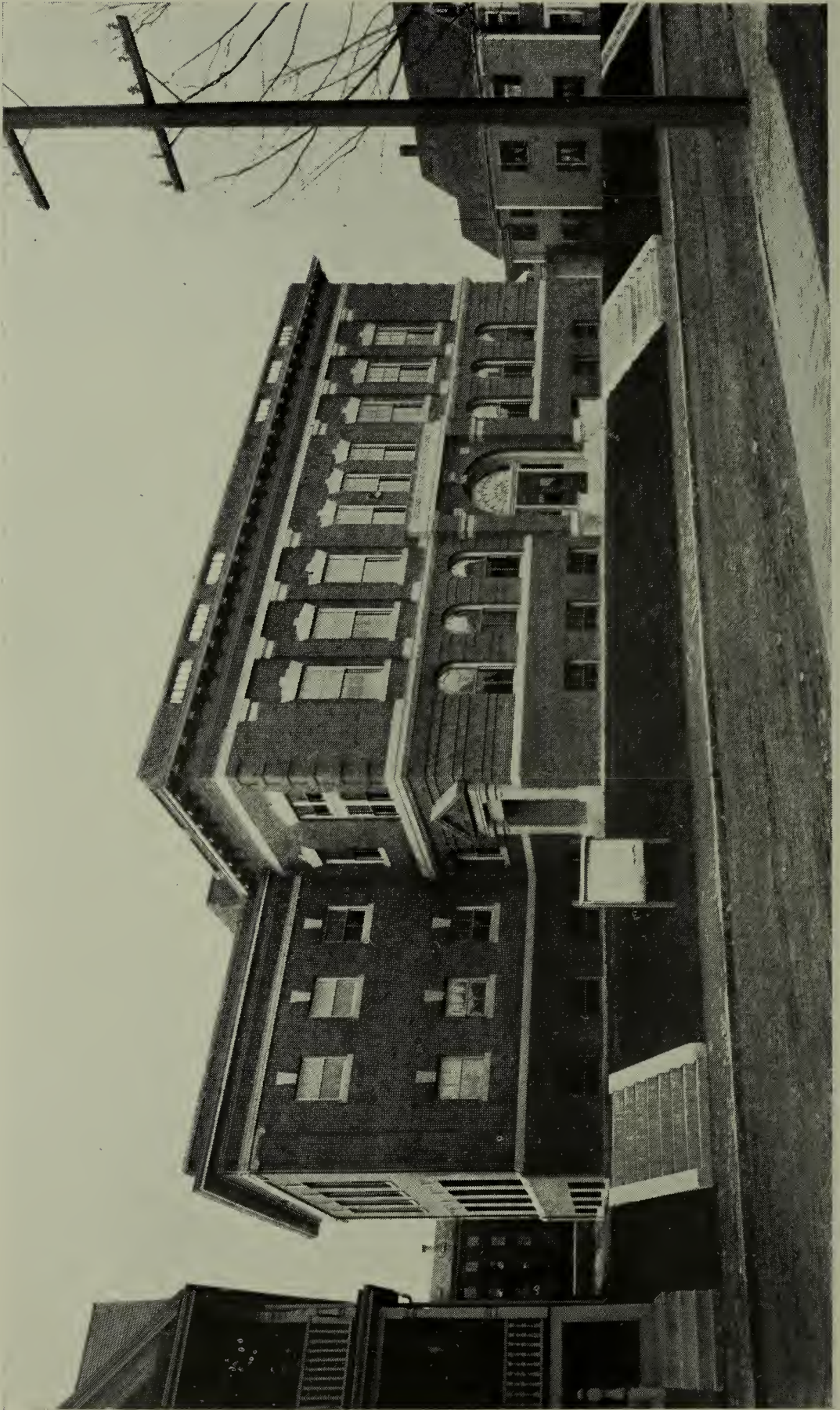
FREDERIC W. COOK, City Clerk.

REPORT OF THE SCHOOL COMMITTEE.

School Committee Rooms, December 29, 1905.

Ordered, that the annual report of the Superintendent be adopted as the annual report of the Board of School Committee, it being understood that such adoption does not commit the Board to the opinions or recommendations made therein; that it be incorporated in the reports of the City Officers; and that 1,000 copies be printed separately.

G. A. SOUTHWORTH,
Secretary of School Board.



GEORGE O. PROCTOR SCHOOL

SCHOOL COMMITTEE, 1905.

FREDERICK A. P. FISKE, Chairman
 GEORGE E. WHITAKER, Vice-Chairman

Members.

	Term expires January.
EX-OFFICIIS.	
LEONARD B. CHANDLER, Mayor, 45 Jaques street.	1906
JOHN J. HIGGINS, Pres. Board of Aldermen, 10 Dartmouth street.	1906
WARD ONE.	
DR. HENRY F. CURTIS, 145 Perkins street.	1906
WILLIAM W. KENNARD, 15 Hathorn street.	1907
WARD TWO.	
DANIEL H. BRADLEY, 19 Concord avenue.	1906
JOHN H. O'NEIL, 44 Oak street.	1907
WARD THREE.	
GEORGE E. WHITAKER, 75 Walnut street.	1906
WILBUR S. CLARKE, 40 Vinal avenue.	1907
WARD FOUR.	
DR. GEORGE W. W. WHITING, 282 Broadway.	1906
WILLIAM P. JONES, 13-A Maple avenue.	1907
WARD FIVE.	
QUINCY E. DICKERMAN, 85 Central street.	1906
J. WALTER SANBORN, 183 Central street.	1907
WARD SIX.	
FREDERICK A. P. FISKE, 44 Cherry street.	1906
CHARLES H. HOOD, 2 Benton road.	1907
WARD SEVEN.	
DR. GEORGE C. MAHONEY, 415 Highland avenue.	1906
MRS. HENRIETTA B. H. ATTWOOD, 18 Herbert street.	1907

The Committee holds its regular meetings on the last Monday evening of each month, except July, August, and December, at 8.15 o'clock. The last meeting of the year is held on the Friday next preceding the first Monday of January.

Superintendent of Schools,

GORDON A. SOUTHWORTH.

Office: City Hall Annex, Highland avenue.

Residence: 40 Greenville street.

The Superintendent's office will be open from 8 to 12 and from 1.30 to 5; Saturdays, 8 to 10. His office hours are from 4 to 5 on school days and 8 to 9 on Saturdays.

Office telephone, 314; house telephone, 12.

Cora S. Fitch, Superintendent's clerk, 82 Munroe street.

STANDING COMMITTEES, 1905.

High Schools.—Whiting, Mahoney, Curtis, O'Neil, Clarke, Sanborn, Fiske.

LATIN, ENGLISH.

District (or Ward) I.—Curtis, Kennard, Jones.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District (or Ward) II.—Bradley, O'Neil, Curtis.

KNAPP, PERRY, BAXTER.

District (or Ward) III.—Whitaker, Clarke, O'Neil.

POPE, BELL, CUMMINGS.

District (or Ward) IV.—Whiting, Jones, Higgins.

EDGERLY, GLINES.

District (or Ward) V.—Dickerman, Sanborn, Chandler.

FORSTER, BINGHAM.

District (or Ward) VI.—Fiske, Hood, Dickerman.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN.

District (or Ward) VII.—Mahoney, Mrs. Attwood, Fiske.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Hood, Sanborn, Curtis, Bradley,

Whitaker, Whiting, Mahoney, Chandler, Higgins.

Evening Schools.—Fiske, Whitaker, Jones.

Finance.—Curtis, Hood, Dickerman, Chandler, Higgins.

Industrial Education.—Clarke, Dickerman, Mrs. Attwood.

Music.—Mrs. Attwood, Whiting, Dickerman.

Private Schools.—Mahoney, O'Neil, Whiting.

Repairs of School Buildings.—Bradley, Kennard, Mahoney.

Rules and Regulations.—O'Neil, Jones, Fiske.

Salaries.—Whitaker, Sanborn, Fiske.

Supplies.—Sanborn, Hood, Clarke.

Text-books and Courses of Study.—Dickerman, Whitaker, Kennard,

Bradley, Jones, Hood, Mrs. Attwood.

Vacation Schools.—Jones, Kennard, Bradley.

Note.—The member first named is chairman.

REPORT OF THE SUPERINTENDENT OF SCHOOLS.

To the School Committee of Somerville:—

I herewith submit my thirteenth annual report. During the thirty-four years of city history, I find that on only three occasions has the school board accompanied the report of the superintendent of schools by a report of its own. Hence that official is compelled to write with sufficient fulness to enable the citizens of Somerville to judge intelligently whether the public schools are being managed wisely and with due regard to the important interests involved. It should be distinctly understood that the opinions and judgments expressed are those of the superintendent only, and do not necessarily reflect the sentiments of the committee or commit that body in any way to any line of action.

I shall try to make the report as brief as possible.

First of all, attention is called to the following

Summary of Statistics,

which will be considered in detail in the following pages:—

United States census, 1890.....	40,117
State census, 1895.....	52,200
United States census, 1900.....	61,643
State census, 1905.....	69,272
Children between five and fifteen years of age, October, 1904, by school census.....	11,941
Children between five and fifteen years of age, October, 1905, by school census.....	12,173
Increase	232

2.—SCHOOL BUILDINGS.

	1904.	1905.	Increase.
Number of school buildings.....	25	26	1
Number of classrooms.....	260	269	9
Valuation of school property.....	\$1,365,509		

3 —TEACHERS.

	1904.	1905.	Increase.
In high schools.....	48	48	0
In grammar schools.....	152	153	1
In primary schools.....	97	99	2
In kindergartens.....	8	8	0
Total in elementary schools.....	257	260	3
Special	7	7	0
Total	312	315	3

4.—ATTENDANCE FOR YEAR.

	1904.	1905.	Increase.
Entire enrollment for the year.....	13,804	14,296	492
Average number belonging.....	11,094	11,543	449
Average number attending.....	10,422	10,897	475
Per cent. of daily attendance.....	93.9	94.4	0.5
High school graduates.....	179	211	32
Grammar school graduates.....	512	606	94

5.—ATTENDANCE IN DECEMBER.

	1904.	1905.	Increase.
Whole number attending.....	13,506	13,882	376
In private schools.....	1,719	1,764	45
In public schools.....	11,787	12,118	331
In high schools.....	1,233	1,361	128
In elementary schools.....	10,357	10,562	205
In kindergarten.....	197	195	—2
In first grade.....	1,586	1,581	—5
In second grade.....	1,424	1,456	32
In third grade.....	1,279	1,336	57
In fourth grade.....	1,267	1,274	7
In fifth grade.....	1,203	1,189	—14
In sixth grade.....	1,114	1,152	38
In seventh grade.....	1,003	967	—36
In eighth grade.....	851	917	66
In ninth grade.....	630	690	60

6.—COST OF SCHOOL MAINTENANCE.

	1904.	1905.	Increase.
Salaries of teachers.....	\$250,580.68	\$254,697.12	\$4,116.44
Salaries of officers.....	4,900.00	4,900.00	0.00
Cost of books and supplies...	21,411.25	20,136.82	—1,274.43
Cost of light.....	1,435.70	4,344.95	2,909.25
Cost of janitors' services.....	22,024.21	21,949.25	—74.96
Cost of fuel.....	15,315.30	15,166.43	—148.87
Telephones	236.60	482.26	245.66
Total cost of day and evening schools	315,903.74	321,676.83	5,773.09
Per capita cost.....	28.48	27.87	—0.61
Cost of high school instruc- tion	54,653.17	57,011.15	2,357.98
Per capita cost.....	47.20	45.79	—1.41

7.—MISCELLANEOUS.

	1904.	1905.	Increase.
Paid for new school buildings	\$23,703.11	\$51,987.40	\$28,284.29
Repairs and permanent improvements	18,208.97	8,305.48	—9,903.49
Total school expendi- tures	357,815.82	381,969.71	24,153.89
Valuation of city.....	58,056,700.00	59,146,600.00	1,089,900.00
Number of dollars spent to maintain schools out of every \$1,000 of valuation.....	5.44	5.44	0.00
Number of dollars spent for all school pur- poses out of every \$1,000 of valuation..	6.16	6.46	0.30

Existing Accommodations. For several years the annual increase of school population in our city has been sufficient to fill an eight-room school building. The regular yearly addition to our school accommodations was made this year in the form of a nine-room building located on Hudson street, in the rear of the

Armory, and named the George O. Proctor school, in honor of one of our highly esteemed mayors.

This addition to our school buildings, without being ornate or extravagant, is one of the best. Thorough in its construction, pleasing in its architectural effects, convenient in all its arrangements, quietly located, it fully answers all the demands of a modern school. The heating and ventilation are perfect; the sanitary requirements are fully met; and the schoolrooms are ample in size and well lighted. Closets and book-rooms for storage and principal's and teachers' rooms are all that could be desired. Originally planned as an eight-room building, it was possible to provide a ninth room seating thirty-five pupils without additional expense. The cost of the building was \$41,029.16.

Eight rooms were occupied in September, relief being thus afforded to the Morse, Burns, Brown, and Carr schools. Seventy-five pupils living in the immediate vicinity of the school were transferred thereto from the Forster.

Miss Nora F. Byard, formerly principal of the Bingham, and for the last twelve years principal of the Durell, was given charge of the new school. Six of her seven assistants are all experienced teachers transferred from other schools in the city. The ninth room in the building will be occupied next September.

The following is a brief sketch of the gentleman for whom the school is named:—

George O. Proctor was born in Rockingham, Vt., February 23, 1847. He was brought up on the farm, and received his education in the public schools of that town and at the academy at Chester, Vt. After working in a store, he became engaged in farming and lumbering for five years. In 1874 he came to Boston and formed a partnership with his brother in the grain and hay business. Later they removed to Cambridge. In 1877 he came with his family to Somerville.

Mr. Proctor served in the common council in 1887 and 1888, the second year as president. In 1892 and 1893 he represented the city in the legislature. He was mayor of the city in 1898 and 1899.

Mr. Proctor was pre-eminently a business mayor, bringing to the office the experience and capacity of a many-sided man of affairs. After one year as chief executive under the old charter, his was the important task, under the new charter, of completely re-organizing the great mass of city business. The re-organization was brought about by Mayor Proctor with a minimum of friction and a greatly increased efficiency of the whole municipal service.

No mayor ever worked more unselfishly for the advancement of the interests of the city than Mayor Proctor. The esteem in which he is still held is shown by the action of the city government of 1904 in naming the new school on Hudson street the "George O. Proctor School."—*Somerville Journal*.

Length of the School Year. It will be remembered that a rule of the board provides that the length of the summer vacation shall be determined annually at the February meeting. This year the vacation extended from noon of June 28 to September 6. Theoretically, the schools have been in session 39.1 weeks. This time has been shortened by the loss of eight sessions on

account of legal holidays, two sessions for the teachers' convention, three sessions for the Thanksgiving recess, and ten sessions lost through stormy weather. The schools then have kept a total of thirty-seven weeks, lacking one day. In the aggregate, 120 sessions of single classes have been lost for various reasons. Eighty classes have been dismissed at various times on account of cold rooms; six sessions have been lost for election purposes; and thirty-four on account of infectious disease. Although the financial loss by these dismissals is only \$200, the interruption to school work is a matter so serious that such dismissals should be reduced to an absolute minimum. It will be seen that the majority of them could have been avoided by the exercise of proper care and foresight.

School Population. The annual census of children of school age which the public statutes require us to take shows this year more accurate results than last year. The following table presents the comparative results:—

	1905.	1904.	Change.
Ward 1.....	1,929	1,866	+63
“ 2.....	2,536	2,546	—10
“ 3.....	1,100	975	+125
“ 4.....	1,042	926	+116
“ 5.....	1,911	1,869	+42
“ 6.....	1,972	1,710	+262
“ 7.....	1,479	1,416	+63
Total	11,969	11,308	+661

It will be seen that there appears to have been a net increase of 661 in the number of children between five and fifteen years of age. This increase is distributed among all the wards excepting ward two, which appears to have lost ten. The number of pupils accounted for in public and private schools on October 1 showed a net increase of 232, as compared with similar records of the previous year. At the present time, however, December 15, the school records show that 12,118 children are connected with the public schools, an increase of 331 as compared with the membership December, 1904.

An important change in the compulsory school attendance laws was made by the last legislature. After January 1, 1906, “every child under sixteen years of age who cannot read at sight and write legibly simple sentences in the English language shall attend some public day school in the city or town in which he resides during the entire time the public day schools are in session.” There are numbers of illiterate children fourteen and fifteen years old in Somerville to whom this statute applies. It will be difficult to secure their attendance at school, for our experience in enforcing the attendance of illiterate minors at the evening school shows that this class will use all means in their power to elude the vigilance of attendance officers. The law im-

poses a fine of \$50 upon all who employ such illiterates while the public schools are in session. A strenuous effort will be made to enforce the regular attendance of this class. Working certificates cannot be given to them. These children, however, cannot advantageously enter any existing classes in the schools, and some provision must be made in a central locality for their instruction. A teacher of exceptional skill and experience in this line of work will be needed.

This law and that requiring the attendance upon evening schools of all illiterate minors are well-designed attempts to counteract the effect of the immigration of uneducated foreigners. If it is impossible to stem the tide or to regulate its flow, no pains must be spared to qualify these people for intelligent citizenship by every means in our power. Next to greed of money and office, ignorance is the nation's most portentous menace. The children of these foreigners readily learn lessons of patriotism and of fealty to their adopted country. An Italian child in one of our schools, when shown an American and an Italian flag, said with evident pride, "This is my father's flag, but that is my flag." No serious apprehension need be felt with regard to the children that come under the influence of the public schools. The danger will come from their un-Americanized elders.

The question of raising the compulsory school age from fourteen to fifteen has recently been very carefully discussed by the State Board of Education. While there are many strong reasons for such increase, the board decided that it would be unwise to make any change in existing laws at the present time, for the following reasons:—

"The board reports that it does not consider it feasible or desirable to raise the age limit for compulsory school attendance from fourteen to fifteen for reasons that a large majority of children in their fifteenth year are now in school; that of those who have been withdrawn a large proportion have acquired a fair amount of education; that others are so disposed towards school as not to be likely to reap much advantage from continued attendance; that most of those who have been withdrawn are aiding in the family support, and that this assistance is needed in a majority of cases; and that to raise the school age would increase the difficulty of the enforcement of the law."

The number of children who drop out from our schools to go to work is increasing year by year. During 1905 we have issued 329 age and schooling certificates. Last year 250 were issued. We have also given to minors sixteen years of age or over about 500 certificates stating that the applicant is able to read and write English. Most of these have been graduates of our grammar or high schools. Now and then a college graduate has applied. If some other way of catching illiterate minors could be devised, it would save school superintendents a large amount of what appears to be unnecessary trouble.

Additional Accommodations, High Schools. When the English high school was opened ten years ago, it was thought that provision had been made to accommodate high school pupils for at least ten years. It became apparent, however, seven years since that if Somerville made provision for high school students equal to the needs and to the importance of the work to be done, additional accommodations must be immediately provided. Since that time the question has been under discussion. Various plans have been suggested, none of which have proved feasible. Meanwhile the number of high school students has multiplied rapidly, the schools have risen in popular appreciation, and existing accommodations long since were outgrown. On seven distinct occasions appeals for relief have been made to the city government, accompanied by recommendations of what seemed to the school committee the best plan for providing for the present and the future. The first of these recommendations contemplated the addition of wings to the English building. The remaining six emphasized the idea of a new and separate structure for the accommodation of the Latin school, with additions and extensions that would eventually provide for the relief of the English school. The plans suggested by the school board have involved an encroachment, as some are pleased to term it, upon Central Park, and they have also involved the expenditure of sums of money ranging from \$150,000 to \$300,000. There has been no time when the views of the school board and the sentiment of the public could be made to harmonize with the state of city finances and the opinions of those upon whom we depend for the construction of school buildings.

The situation having, however, become so urgent as to admit of no longer delays, independently of the school board, and contrary to its oft-renewed recommendations, a plan of relief was adopted that provides (1) an addition to the present Latin building, and (2) the addition of a wing or wings to the English building. The first part of this plan is now being executed, and an addition which may contain eight classrooms and an equal number of recitation rooms is being made to the northerly end of the Latin building. This is to be connected by a covered passageway with the English building, in the expectation that the annex will be used conjointly by the two schools. Any relief of the no longer bearable congestion in the English school is welcome, and it may seem ungrateful to complain of its inadequacy. Due regard for the present and future needs of the schools, however, compels us to show the necessity for the immediate carrying out of the second part of the plan by the enlargement of the English building.

Whatever else may be done, the Latin school must find its home for a generation to come in the enlarged building. From the very outset, such parts should be taken and so fitted up as to fulfill as far as possible the urgent demands that have so long

been made for this school. Somerville does not ask luxuries or needless frills, either in school buildings or in schools. It does, however, claim, and with right, that its school buildings shall be healthful, comfortable, convenient, and so arranged as to secure the best results with the least expenditure of time and labor. The Latin school requires, and therefore must have, the exclusive use of the old building and the two upper floors of the annex. Of course the assembly hall will be used by both schools. The purposes for which the various rooms thus assigned to the Latin school would be used are as follows:—

(1) There can be no question that the underground rooms originally fitted up as physical and chemical laboratories, and more recently used in part for recitation purposes, should be abandoned. Originally constructed when science held a very subordinate place in the school curriculum, they are wholly inadequate for this purpose at the present time. The rooms are poorly heated, ventilated, and lighted, and should be at once and permanently abandoned for use for any school purpose excepting storage. These rooms properly fitted up would be very useful for the storage of books and supplies, either for the high schools or for the school department in general. The laboratories would be transferred to the two rooms in the third story of the old building on the Highland-avenue front. One of these rooms should be fitted as a physical laboratory, and the other as a chemical laboratory. The question will be at once raised whether the laboratories in the English school are not sufficient for the entire plant. Why have laboratories in duplicate? The answer is that the laboratories in the English building were made for a school of 600, and for such a school are admirable in size and equipment, but laboratories sufficient for 600 are wholly inadequate for fifteen or eighteen hundred. Even now not all pupils who wish to pursue the study of chemistry can be accommodated under existing conditions. It is not feasible to remove or remodel the present laboratories so that their capacity may be adequately increased. Laboratories, therefore, in the Latin building are indispensable.

(2) One of the rooms adjoining the principal's office must be taken for a library and reference room. It is impossible to furnish proper reference books for each of a dozen classrooms. They must be collected at some central point, and conveniences for their consultation provided. Such a room has long been an urgent need of the Latin school. Library methods are more and more being employed in modern education, and conveniences therefor are necessary.

This room might also serve as a reception room for callers. Private interviews with pupils and parents are very often necessary in a large high school. Now callers are obliged to wait in the corridors or in one of the classrooms, and some better provision should be made for them.

(3) The decision to provide an assembly hall on the third floor has been rendered absolutely necessary by the demands of the situation. At the present time there is no room in the Latin building, nor will there be in the annex, in which the senior class or any other class can be assembled. There is no room in which the music teacher can work to any advantage. An assembly hall in a high school is a *sine qua non*, and probably no high school-house constructed within fifteen years can be found anywhere in the country that is without one. In this hall the Latin school may be assembled when necessary, and the English school can be accommodated in it in two sections. Such a hall is also greatly needed for general school purposes. There certainly should be some room in some school building in a city like Somerville in which all the teachers of the schools can be gathered at one time. On four occasions we have found it necessary this year to use church buildings or public halls for this purpose.

(4) In the reconstruction of the Latin building, ten classrooms have been provided, four of which seat thirty pupils or less. If three of these rooms are taken, as they must be, for the purposes indicated, seven classrooms remain which will seat 250 pupils. There will be four classrooms on the two upper floors of the annex seating 200 pupils. This furnishes eleven classrooms that will accommodate 450 pupils, which is practically the present membership of the school. Two recitation rooms have been provided in the old building, and four may be had in the annex. This gives six recitation rooms, and makes the teacher capacity of the enlarged Latin building seventeen, and provides for a class unit of twenty-eight.

It will be seen that this disposition of the rooms provides for the Latin school as it exists to-day. As it grows, additional rooms must be taken on the second and first floors as needed. With this arrangement, while the Latin school will by no means be housed as are similar schools in other cities, provision will be made for the convenient working of the school, and its efficiency greatly increased.

The needs of the Latin school will not be properly set forth unless something is said about a matter closely connected with the physical well-being of its students. Somerville does nothing in a methodical way towards physical training for the members of the high schools. We smile complacently upon school athletics, and rejoice when our side wins. They are, however, sporadic, and, in the opinion of many, objectionable. They do nothing for the great mass of pupils unless possibly to give them an opportunity to officiate as "rooters." The responsibility that rests upon school authorities to care for the bodies of children, as well as for their minds, is coming to be widely recognized. Modern school buildings are provided with gymnasiums, exercises therein being regular and compulsory. I see no immediate opportunity to provide what is needed in this direction.

More important, more urgent, and more easily attainable, however, are suitable lunch-rooms for the 1,500 pupils assembled on the hill. All will concede that, between a hasty breakfast and a cold dinner at two o'clock, a light, hygienic luncheon is an essential to health. There is, to be sure, already an alleged lunch-room in the basement of the English building. It is in every way unattractive and inadequate. If similar lunch privileges were provided in the homes of pupils, the dining table would be set in the cellar. A lunch-room should be neat, well lighted, ample in size, and provided with kitchen facilities where soups and other suitable viands may be prepared. There should be chairs and tables, and the courtesies and refinements of home should be observed. The menu should be prescribed by proper authorities; the food should be carefully prepared and tastefully served. The expense should be reduced to the minimum. Such a lunch-room would be generously patronized by pupils who now go into neighboring restaurants in all sorts of weather, or else abstain altogether. The lower story of the new annex would afford a suitable place for such a room. Probably the suggestion that it be used for this purpose would be met with the charge of extravagance, but the patrons of the schools would not be found among those making this criticism. No more popular provision for constantly-recurring needs could be made. Probably other demands will be thought more pressing, but something of this sort must be provided at an early date. As an illustration of up-to-date methods, the new high schoolhouse in Rochester, N. Y., is provided with a lunch-room containing 600 octagonal tables and 1,200 chairs. One thousand students are fed daily.

Accommodations for the English School. Before considering what is requisite for the proper housing and conduct of the English school, it should be remarked that there are a thousand young men and women whose educational needs are to be met almost entirely in this school, not in higher institutions. It is here that they get their equipment for business pursuits and for life. Certainly the training and education of no other class of pupils is more important. For the support of the English school the city pays nearly \$50,000 a year. Not only the interests of the pupils, but economy of expenditure demands the outlay of this money in a way to secure the largest possible dividend. It is a grave mistake to regard this school as secondary in value or importance to any other in the city.

In September, 1906, this school will contain a thousand pupils. At the present time there are 920. The normal capacity of the building is 600. All manner of devices and every inch of space have been used to provide for the surplus 320. Only the most skilful planning and the spirit of mutual accommodation on the part of teacher and pupil could have solved the problem in any measure. The present plan is to put 200 of these thousand

pupils into the Latin school annex. Their recitations will be now in one building and then in the other. It is impossible to select any 200 or, even 100 of the pupils of this school all of whose work could be done in the new building. Frequent trips from one building to the other will be unavoidable. This colonizing, however, still leaves 800 pupils in the English school building. The present ingenious devices may still be used to provide them seats, but something more must be done for these pupils than simply to find places for them to sit. It goes without saying that a building planned in its rooms, laboratories, and general equipment for 600 is wholly inadequate to accommodate a thousand, or even 800.

A thousand pupils should need forty teachers. There are now twenty-six working rooms for teachers in the English building. Add a possible eight in the Latin building, and we are still six rooms short of the number needed. Moreover, certain departments are now crowded for room. This is true of the commercial department. The bookkeeping room should be enlarged by taking in the present typewriting room. This wholly inadequate room should be replaced by another one of the proper size. The chemical laboratory is filled to repletion. The present three rooms obtained by changes in the lecture hall should be given up and the hall restored to its proper uses. The manual training department is very unsatisfactorily provided for. The library and reference room should be made larger by the addition of the book-room and a teachers' room. Rooms should be provided for the storage of books and supplies. The principal's office should be transferred to the first floor and made larger. A reception room should be provided for reasons already given. There should be toilet rooms on each floor. Adequate and secure clothes closets are needed. All these things and others that might be named call emphatically for the immediate carrying out of the second feature of the general plan for high school enlargement. Steps should be taken to add one or two wings to the rear of the English school. They should be carefully planned with the exact needs of the school in mind. Provision should be made for 1,400 pupils, for eventually no part of the English school can be accommodated in the enlarged Latin building. It is not just to this large body of students, nor to the teachers of the school, nor to the general public to delay any longer to provide for this school what it needs. It has been overcrowded for years, and no attempt should be made to force the school to continue under existing conditions simply because by great effort and sacrifice it has succeeded in doing so in the past.

Additional Accommodations, Elementary Schools. We group the Prescott, Hanscom, Davis, and Edgerly schools together, as they are located in the same general section, and are closely interrelated in their classification. These schools at the present

time contain 1,630 pupils in thirty-four schoolrooms, an average of forty-eight to a room. The conditions that prevail are practically identical with those of a year ago. There are 100 children in the first grade on half-time in the Prescott school. To relieve the crowded conditions, it was found necessary in September to transfer fifty pupils from the Edgerly to the Glines school, where there was room in abundance. As in most cases of the kind, this occasioned some protests and remonstrances for which no good reason existed. Whatever may be said about the distance traveled by primary school children, no objection can properly be made to children in the sixth grade and above walking a half-mile to reach school. After careful consideration of the needs and the best methods of supplying them in this section, I renew the recommendation that has been made for several years that an addition of two rooms be made to the Hanscom school. Such an addition was contemplated when the building was erected, and it can be made at the minimum of expense. There is no prospect of any early increase in the population of this section, and doubtless the addition proposed would suffice for several years.

In *ward two* there are three schools,—the Baxter, Knapp, and Perry,—containing at the present time 1,120 pupils in twenty-four schoolrooms, an average of forty-seven to a room. Some of the children resident in this ward attend schools in wards one and three. No need exists for any increase in the school accommodations in ward two.

Ward three. In considering the needs of this ward, we group the Bennett, Pope, Bell, and Cummings schools. These schools have at the present time a membership of 1,756, in forty schoolrooms, an average of forty-four to a room. School accommodations in this section are ample to meet all requirements.

Wards four and five. The Glines, Forster, and Bingham schools are closely connected. They contain an aggregate of forty-eight rooms, occupied at the present time by 2,037 pupils. This is an average of forty-three pupils to a room. In the Glines school there are eighty pupils on half-time. The transfer of seventy-five pupils from the Forster to the Proctor school left some of the rooms in the former school only partly filled. This is notably true of the two first-grade rooms, which contain only thirty-one pupils each. It has been found practically impossible to combine classes between the Glines and the Forster. The reason for this is that the children that it might be desirable to transfer live too far away from the school which they would enter to justify the change. It is probable that another year some such **disposition** may be made of the pupils in these schools as to render half-time attendance needless and to save the services of at least one teacher.

Ward six. In its public school population, this is the largest district in the city. It contains the Carr, Morse, Durell,

Proctor, Burns, and Brown schools. The pupilage of these schools at present is 2,472, distributed in fifty-four schoolrooms, an average of forty-six to a room. By the opening of the Proctor school, the half-time conditions that had long affected 300 pupils were removed, and all pupils are attending on full-time.

The classification in this district is not wholly satisfactory. We are obliged to use a very small room in the Carr containing only twenty-four first-grade pupils. For these we employ a full-priced teacher. There is no opportunity to dispose of these pupils in other buildings. There is neither room for them nor do they reside in a locality from which they could well be transferred. This is an unfortunate and uneconomical condition for which I have sought relief in vain.

There will be an inevitable crowding of the schools in this district in the immediate future. Next September we shall need to open the ninth room in the Proctor school. The district of which the Brown school is the natural centre is rapidly filling up, and the school will be overrun in September, 1906. I renew the recommendation made in former reports for the immediate enlargement of this building by the addition of four or eight rooms. Four rooms can be added without the purchase of extra land. Four more rooms and an assembly hall could be provided by the purchase of land on the southerly side. While the addition is being made, it should be large enough to meet future demands. The school is admirably located for another grammar school centre, and in the not distant future a building of the capacity indicated would be easily filled. In the construction of the addition, the assembly hall should be a prominent feature. There is constant call in existing schools for a room in which the entire school may at times be assembled. There are gatherings of parents and teachers for which such a room is needed. Other municipalities provide assembly halls in their grammar schools. Why should we not do so?

Ward seven. This ward contains four schools,—the Highland, Hodgkins, Lincoln, and Lowe. Thirty-eight rooms in these buildings are at present in use. Their 1,742 occupants number forty-six pupils to a room. Two of these rooms in the Hodgkins building are temporarily in commission. The ward room comfortably accommodates forty-two pupils. A small room made last year from a teachers' room and a part of the corridor contains twenty-three ninth-grade pupils. As I have said before in connection with the Carr school, it is poor economy to pay \$700 for the instruction of twenty-three pupils, and it should be done only when a remedy is impossible. The use of this room at the present time is unnecessary, for the pupils now occupying it could easily be transferred to other rooms. This involves the forming of a mixed class of eighth and ninth-grade pupils. I have tried to secure such an arrangement, but have been unable to do so.

There are 180 ninth-grade pupils in the Highland and Hodgkins schools at present in five rooms. The grade should be combined into four rooms, with an average of forty-five pupils to a room. The difficulty of doing this lies in the attachment that high-grade pupils have for the school which they have long attended. To what extent this very natural attachment should be recognized in the administration of school affairs is an open question. The increase in the population of this ward is chiefly in the western section. As a result, the Lincoln and the Hodgkins schools are overcrowded, and the overflow must naturally go to the Highland school, where there has been this year ample room. The sooner the fact is recognized the better, that there must be a frequent readjustment of school district lines and a transfer of pupils enforced by changes in population of school districts. At an early day there must be some increase in school accommodations in this ward. As suggested in the last report, \$26,000 would provide for an addition of six rooms to the Hodgkins school by raising the present structure. This will be the natural school centre of this section of the city for years to come. If the capacity of the Lincoln school could be doubled by an addition, it would afford the relief needed. It has been suggested that a six-room building might be erected on Powder-house boulevard. It is, however, very doubtful whether this locality will become sufficiently populous to require a building of this size. Its pupils would need to be drawn from the immediate vicinity of the Lincoln and Hodgkins schools.

Reviewing the foregoing recommendations for additional school accommodations, I arrange them as to their urgency in the following order:—

- (1) An addition to the English high school.
- (2) The enlargement of the Hanscom school.
- (3) The enlargement of the Brown school.
- (4) Some addition to meet the needs in ward seven.

School Attendance. Fourteen thousand two hundred and ninety-six different pupils have been in attendance upon the schools during 1905 for a longer or shorter period of time. For the sake of uniformity in comparing the cost of schools in the different cities and towns, the state authorities have established certain rules regulating the membership of the schools. Under these rules, a pupil's connection with the school ceases at his death, on his removal from the city, by his withdrawal from school without intention of returning, or by an absence of ten consecutive days from any cause whatever. If we drop from the enrollment list names of pupils permanently or temporarily absent for any of these reasons, the remainder is the average membership of the schools. For 1905 the average membership has been 11,495, an increase of 401 for the year.

Somerville has an exceptionally large number of transient pupils who remain in one school for only a part of the year.

Some of them may be found registered in two or three schools during the year. As giving some idea of these changes, the following facts are presented:—

Number entering from schools outside the city.....	1,273
Number entering first grade.....	1,191
Number that were graduated.....	817
Number of transfers from one school to another in the city,	2,331

We ascertain the average attendance of the schools by taking into account all absences during the membership period. This is the number of pupils that have been present on the average every school day during the year. For 1905 this average attendance is 10,853, an increase of 431 over 1904. The average attendance is 94.4 per cent. of the average membership. This continued absence of 5.6 per cent. of school children is due almost entirely to sickness or absence enforced by quarantine rules. There have been 430 days lost on account of truancy. This is equivalent to the absence of 2.2 children throughout the year. As indicative of the willingness of parents to co-operate with the schools, it should be remarked that very few children are kept from school except in cases of sickness or urgent necessity. An exception, however, should be made of parents who do not enter their children at school promptly at the opening of the school year, and those others who remove them before its close. While this may be a convenience to those whose summer residences are out of the city, it often results to the disadvantage of the children themselves, and interferes somewhat with the working of the schools.

Punctuality is one of the school virtues that teachers strive to make habitual in their pupils. The habit of being where one ought to be at a specified time and of doing the thing one ought to do just when it ought to be done is of great value in business and out of it. The aggregate number of tardinesses in our schools for the year is 3,746. This number may seem large, but when distributed among the individual pupils, it shows that each child has been tardy once out of his 1,012 opportunities of being so. More than half of these delinquencies are chargeable to children in the three primary grades. The responsibility for tardiness generally rests with the parent. Teachers should discriminate carefully in imposing penalties therefor, for while the evil should be restrained, tardiness is fortunately not a capital offence, and no general rule should be made in any building concerning the matter. Each case should be considered on its merits.

The dismissal of pupils before the close of the school session is very rarely necessary, and can generally be avoided by foresight and planning on the part of parents. In 1905 there were 2,464 dismissals, a number which appears unnecessarily large. Teachers very properly hesitate about declining to honor calls from parents for dismissal, but all should understand that

requests of this sort should be proffered only in case of most urgent necessity.

Those of us who have the good fortune to be living in the millennium will doubtless hear nothing of corporal punishment either in the school or in the home. The necessity for it will have ceased to exist. Until that happy period comes, however, and so long as human nature is what it is, so long as force is needed anywhere to secure compliance with rules and law, so long as parental government is weak, and so long as no restraint is placed upon wayward children outside of school, both teachers and parents will be compelled to resort to this means to secure order and obedience. There have been in Somerville schools this year 337 cases in which the rod has been used. This is an average of little more than one case to a teacher, or one case during every 9,000 school sessions. There have been 124 classes in which there has been no case of corporal punishment during the year.

On the fifteenth of December, the number of pupils in the schools was as follows:—

	1905.	1904.	Increase.
In the Latin school.....	444	422	22
In the English school.....	917	811	106
In the elementary schools.....	10,562	10,357	205
In the kindergartens.....	195	197	—2
A total of.....	12,118	11,787	331

Adding to this number the 1,764 pupils in private schools, we have 13,882 school children in the city.

Truancy. The vigilance of teachers and the efficiency of the truant officer have resulted in what may be considered a minimum amount of truancy for a city of the size and location of Somerville. The following is the year's record:—

	1904.	1905.	Increase.
Number of visits to schools.....	429	567	138
Number of cases investigated.....	387	514	127
Number found to be truants.....	146	150	4
Number sent to truant school.....	5	4	—1
Paid for board of truants.....	\$245.84	\$322.14	\$76.30

Teachers. There are 315 teachers in the employ of the city at the present time, twenty-seven of whom are men. This does not include fifty who are employed in evening schools. The city has lost during the year the unusual number of twenty-six teachers. Eleven of these have resigned to be married; seven have left us to fill more desirable positions in other cities; seven have relinquished teaching altogether for rest or change of occupation; and one has died. Seven of these teachers have served the city for a period averaging twenty-five years. Miss Brown, of the Prescott, Miss Downes, of the Morse, Miss Hunt, of the Knapp, and Miss Schuch, of the Bell school, had served the city faithfully for thirty-seven, thirty-three, thirty-one, and

twenty-three years, respectively. In their retirement from teaching, they carry with them the gratitude and best wishes of all who have been associated with them either officially or as co-laborers.

George E. Nichols, for twenty-eight years the master of the Highland school, died in June last, after an illness of several months. The witness borne to his character and service as a teacher by the school board will be found on another page of this report.

Of the teachers who have resigned during the year, nineteen have served the city for an average period of four years and a half.

To replace these losses and to fill new positions, twenty-eight teachers have been elected during the year. These new teachers have all received professional training. One of them had had only a single year's experience; four of them had taught successfully two years; the remaining twenty-three were tried teachers about whose qualifications there could be no question. They were elected at the maximum salary of the positions which they filled. Four others were employed for a probationary period. Thus far their success seems to have justified their selection. Of these new teachers, one-third were residents of Somerville at the time of their election.

While the necessity of employing only skilled and experienced teachers in our schools is growing greater and more apparent year by year, the difficulty of finding them is constantly increasing. Everywhere the demand for suitably qualified teachers exceeds the supply. The reasons for this are fully set forth in the last report of the secretary of the State Board of Education. Fortunately for us, the salaries that we have to offer are somewhat larger than those in many other cities in the state. In self-defence, however, several of these cities have recently raised the salaries of their teachers to our level, and have to this extent shortened our sources of supply. However, this difficulty in securing good teachers must not lead us to lower our standard. The character of the school centres in the teacher, and whatever economies may be practiced in other directions, failure here will be disastrous. We must be ready, however, to do something ourselves toward the training of teachers and the development in them of those qualities which the best teachers must possess. There are available a few normal school graduates gifted by nature with an aptitude for teaching. Even these, however, should not be employed until they have been tested by experience. After service under less trying conditions than our schools present to prove their work reasonably successful, we may well employ them in some of our larger schools, where they will be under the training and guidance of masters skilled in the work of supervision. Their service should at first

be of a probationary character, and their employment made permanent only when their success is beyond question.

There is always, however, a serious risk in employing resident teachers on probation. If they succeed it is all right, but if they fall short of the requirement, it is difficult to drop them. Social, church, and political influences are sure to be brought to bear upon the appointing power to have them retained, whatever their qualifications. In this way mediocre or even poor teachers may become permanent and unsalutary fixtures in our schools. It behooves us, therefore, to adhere firmly to the principle that the general interests of the schools should far outweigh all personal considerations of every sort.

In our employment of teachers, we do well to remember this statement of the secretary of the State Board of Education:—

“It should not be overlooked that the most important element in the teacher’s qualifications is not to be found in academic scholarship, essential as this is, nor in the power to hold a school in order, essential, also, as this is, but in the rarer and finer power of leading the child to act judiciously, earnestly, and advantageously for himself in the enlargement of his executive and productive capacity, in the acquisition of knowledge, and particularly of those larger underlying principles that enable him to classify and utilize knowledge, in the cultivation of a sturdy civic spirit, and in the building up of a well-rounded and admirable character.”

Latin School. The Latin school now contains 444 pupils, as compared with last year’s registration of 422. These are divided among the classes as follows:—

	1904.	1905.	Change.
Senior	81	93	12
Junior	93	92	—1
Sophomore	112	120	8
Freshman	136	139	3

The number assigned to a teacher, exclusive of the principal, is thirty-seven.

There has been only one change in the teaching corps during the year. The place left vacant by the resignation of Miss Edith M. Walker has been filled by Miss Maud M. Cunningham, a Wellesley graduate with seven years of successful experience, the last of which was in the Holyoke high school.

This school has been seriously handicapped by lack of room in which teachers may hear recitations. It was hoped that changes in rooms in the building in the summer would provide accommodations for at least fourteen teachers. Owing, however, to financial stringency, two rooms set apart for recitation purposes have not been set off from other rooms by folding partitions, as was planned. This has compelled the use of the basement recitation room by one teacher, and has restricted the

teaching force to thirteen, inclusive of the principal. Two inexperienced student teachers have been employed since the beginning of the school year who have given some class instruction. While this may tide over an exigency, the relief afforded is inadequate. The numbers in the school and the work to be done imperatively demand two, if not three, additional teachers. The possibility of getting along without them should not be entertained for a moment. Many of the classes are altogether too large for thorough instruction. Some of the teachers are overburdened, and it is only by the most strenuous effort that the standard of the school is maintained. Just as soon as rooms are provided, these additional teachers, who should be experienced and perfectly competent women, should be employed. Neglect to do this will jeopard the interests of the school. What the accommodations of the school will be in September, or, at least, what they ought to be, has been set forth at some length elsewhere in this report.

The following shows the numbers pursuing each branch of study at date:—

English	444	French	111
History	232	German	185
Mathematics	444	Greek	121
Physics	68	Drawing	6
Latin	438	Chemistry	12

A general complaint in all high schools is that students enter without a definite purpose and without counting the cost. Encountering unforeseen difficulties and somewhat harder work than they have been familiar with, they drop out after longer or shorter periods. This is not as true of schools whose business is distinctively to fit for college. In such schools plans are pretty well formed, and there is ahead a definite purpose to be accomplished. This is true of the Latin school. Nevertheless, during the last six years, one-third of those who have entered have fallen by the wayside, leaving only two-thirds to graduate. In contrast with this, it may be remarked that during the same period, of those entering the English school, only forty-five in every hundred have remained to graduate. The following table will afford an interesting study:—

TABLE SHOWING LOSSES OF CLASSES IN LATIN HIGH SCHOOL EACH YEAR SINCE 1897.

MEMBERSHIP.	Class of 1900.	Class of 1901.	Class of 1902.	Class of 1903.	Class of 1904.	Class of 1905.	Class of 1906.	Class of 1907.	Class of 1908.	Class of 1909.
December 15, 1st year . . .	79	89	77	64	103	111	125	121	136	139
“ 2nd “ . . .	67	80	73	47	93	97	106	112	120	...
“ 3rd “ . . .	57	64	61	49	88	95	93	92	...	...
“ 4th “ . . .	53	65	62	60	84	81	93	...	...	...
Graduates	48	56	56	46	73	76	...	...	...	...
Loss per cent. 1st year . . .	15.2	10.1	5.2	26.5	9.7	12.6	15.2	7.4	11.8	...
“ “ 2nd “ . . .	15.0	20.0	12.3	4.3*	5.4	2.1	14.0	17.9	...	...
“ “ 3rd “ . . .	7.0	...	3.1	22.4*	4.5	14.7	0.0	...	...	...
“ “ 4th “ . . .	10.4	13.8	9.7	23.3*	13.1	6.1	...	...	...	...
Total	39.2	37.0	27.3	28.1	29.1	31.5	...	...	...	...

*Gain.

In September next the Latin school should enter upon a new career. It should be provided with every facility to accomplish its work,—rooms, teachers, and appliances. Provision should be made to render wholly unnecessary the Friday afternoon session, in which the extra time and labor of two teachers and of one of the classes have been required. With increased accommodations, under the wise leadership of Dr. Baxter, who for more than a generation has successfully conducted its affairs, and seconded by an enlarged corps of tried helpers, the school should continue to hold its place in the very front rank.

The number of graduates from this school in June last was seventy-six. Of these, forty-six entered college and two the state normal schools.

English High School. A year ago, the number of students regularly attending this school was 811. This year there are 917, an increase of 106. This number is divided among the classes as follows:—

	1904.	1905.	Change.
Post-graduate	18	14	—4
Senior	148	140	—8
Junior	153	189	+31
Sophomore	220	224	+4
Freshman	267	350	+83

Exclusive of principal and secretary, there are thirty-three teachers employed, each having an average of 27.8 pupils under instruction. There have been two changes in the teaching corps of the school during the year. Miss Harding resigned for service in one of the New York high schools. Her place was taken by Miss Ruth Tousey, Tufts, '03. Miss H. Adelaide Hamlin retires from teaching, her place having been only temporarily filled.

Notwithstanding the exceptional increase in numbers and the crowded condition of all departments, no extra teaching service has been called into requisition. While the teachers have labored with customary enthusiasm and ability, several of them

have been overburdened with their tasks. Two or three additional teachers must be employed in September, whatever may be done earlier.

There is perhaps little need of adding to what has already been said concerning the condition and needs of the English school. For years the capacity of the building has been over-taxed, and one device after another has been employed, until at last the absolute limit has been reached. As has been shown, the relief afforded by the Latin school annex will be only partial. Eight hundred pupils will still remain to be accommodated in a building designed for 600. I cannot too urgently present the necessity of the addition of a wing to the rear of the westerly end of the building, planned as to size and internal arrangements to meet at least the present needs of the school. Certainly the work done in this school demands that all needful facilities should be provided. We have always supplied the needs of the elementary schools generously and with commendable promptness, and in this respect stand well in comparison with other municipalities. When it comes, however, to provision for high school needs, a comparison shows that we stand far below other communities. Even when our best has been done, our general high school plant will not be all that can be desired. Justice to the school, to its teachers, and to the reputation of the city requires that immediate steps should be taken for the enlargement of the building.

In June the school graduated 135, three of whom entered college, six technical schools, and one a normal school. The curriculum of the school covers twenty-two different subjects of study, all but four of which are elective. These subjects and the number of students pursuing each are shown in the following table:—

English	923	Mechanical drawing.....	276
History	808	Freehand drawing.....	468
Mathematics	672	Commercial:—	
Chemistry	102	Law	23
Astronomy	17	Bookkeeping	112
Physics	57	Stenography	174
Biology	35	Elocution	922
Physiology.....	295	Manual training.....	234
Latin	127	Penmanship	195
French	329	Commercial arithmetic....	114
German	97	Typewriting	180
Physical geography.....	19	Music	923

As has been remarked, this school suffers from the dropping out of pupils before the completion of the course. Undoubtedly the plethoric condition of the school has contributed largely to this loss during the last few years. Indeed, it speaks volumes for the attractions which the school presents to find that the losses are no greater. Students have submitted to many inconveniences rather than relinquish the advantages of the school. Especial efforts have been made by the management of the

school this year to overcome the discouragements and obstacles incident to the first year in a student's life in a high school by rendering especial assistance to individual pupils. The entire time of a competent teacher could be advantageously spent in this line of work. The loss of pupils that the school has sustained for a series of years is shown in the following table:—

TABLE SHOWING LOSSES OF CLASSES IN ENGLISH HIGH SCHOOL EACH YEAR SINCE 1897.

MEMBERSHIP.	Class of 1900.	Class of 1901.	Class of 1902.	Class of 1903.	Class of 1904.	Class of 1905.	Class of 1906.	Class of 1907.	Class of 1908.	Class of 1909.
December 15, 1st year . . .	228	211	217	299	246	261	250	252	267	350
“ 2nd “ . . .	163	153	162	221	178	214	190	220	224	...
“ 3rd “ . . .	119	125	135	178	147	180	158	187	...	...
“ 4th “ . . .	97	108	120	151	112	148	140	...	...	...
Graduates . . .	83	96	108	135	106	135	...	...	...	...
Loss per cent. 1st year	24.1	27.5	25.3	26.0	27.2	18.0	24.0	12.7	16.1	...
“ “ 2nd “	27.0	18.0	16.6	19.5	17.4	15.9	16.8	15.0	...	...
“ “ 3rd “	18.5	13.6	11.1	15.2	23.8	17.8	11.4	...	...	...
“ “ 4th “	14.4	11.1	10.0	10.6	5.4	8.7	...	...	...	...
Total . . .	63.6	54.5	50.2	54.8	56.9	48.3	...	...	...	...

Grammar and Primary Schools. A year ago there were in these schools 10,357 pupils. To-day there are 10,562, an increase of 205. They are distributed among the nine grades as follows:—

Grade	1905.	1904.	Change.
1.....	1,581	1,586	—5
“ 2.....	1,456	1,424	+32
“ 3.....	1,336	1,279	+57
“ 4.....	1,274	1,267	+7
“ 5.....	1,189	1,203	—14
“ 6.....	1,152	1,114	+38
“ 7.....	967	1,003	—36
“ 8.....	917	851	+66
“ 9.....	690	630	+60
Total	10,562	10,357	205

In 1905 the grammar schools graduated *606, ninety-four more than the previous year. Of these, 463 entered the high schools, 124 going to the Latin school and 339 to the English. Past experience has led us to expect that about one-half of the pupils found at any time in the fourth grade will drop out of school before the time of graduation arrives. Tracing the numerical history of the class that graduated from the grammar schools this year, we find no change in the rule. This class started with 1,141 pupils, and lost forty-seven per cent. of this number before graduation. The losses in the various grades are here shown:—

		Loss.	Per Cent.
December, 1899, fourth grade.....	1,141		
December, 1900, fifth grade.....	1,111	30	2.7
December, 1901, sixth grade.....	1,038	73	6.4
December, 1902, seventh grade.....	932	106	9.3
December, 1903, eighth grade.....	751	181	15.9
December, 1904, ninth grade....	630	121	10.6
June, 1905, graduates.....	606	24	2.1
September, 1905, entering high school..	463	143	23.6

The 329 employment certificates issued have been granted to the children who have left the various grades as follows:—

Grade 3.....	1	Grade 7.....	67	Grade 11.....	2
“ 4.....	11	“ 8.....	64	“ 12.....	1
“ 5.....	23	“ 9.....	43	Unclassified ...	45
“ 6.....	62	“ 10.....	10		

The unclassified certificates have been granted mainly to illiterate minors.

Half-time conditions prevail now in only three buildings,—the Prescott, Glines, and Hodgkins. The experience of last year is corroborative of the fact that when children attend on half-time between six and seven per cent. more are left behind to repeat the work than in full-time classes. The chief argument for full-time sessions rather than half-time comes from parents, the majority of whom are anxious that their children should attend school all day. Educators are divided in their opinions. There are many who claim that three hours or four hours daily are enough for first-grade children to be in school. During the rest of the day they should be where free muscular activity in the open air is possible. In one of our nearby cities, the first grades by choice attend only in the forenoon, from nine o'clock until twelve. In the afternoon the teachers of these grades spend their time in assisting in the higher grades. It is claimed that the general average results are favorable. Any loss that may be sustained in the first grade by the shortened session is more than made up by the service rendered by teachers in the other classes in the afternoon. In New York city 70,000 children are compelled, through lack of sufficient accommodations, to attend for a shortened day. There are those that argue that these children suffer little loss, from an educational point of view. When out of school, however, they spend their time under conditions that neutralize much of the good that they have received from the schools. For all such children of the poorer class, the school affords a retreat and a protection from injurious influences, and the longer time spent therein the better.

In connection with this subject, it is pertinent to consider the question whether we may not raise the age at which children enter the first grade from five years to six, and reduce the elementary school period in this way from nine years to eight years. It is well known that a nine-year course is the exception and an eight-year course the rule, taking the country over. Outside of Massachusetts or New England, it is very rarely that the ele-

mentary course covers more than eight years. Exclusive of the kindergarten, the entering age is six years. Several prominent New England cities have recently adopted this age limit. Wherever the experiment has been tried of thus saving an elementary school year, the results have been satisfactory. Pupils graduate from the grammar school at about the same age and enter the high school in similar numbers under both systems, having accomplished the same amount of work. The work done in the first grade with children that are only five years of age can be done with children a year older in a much shorter time, and, as many claim, more consistently with the natural development of their mental and physical powers. During the three primary years, whatever is lost by the omission of the present first year is fully made up, so that pupils enter upon the higher years of the course with attainments differing very little from the present.

The advantages of a radical change of this kind are apparent. It would throw out of our schools about 800 five-year-old children, reducing the number of teachers by fifteen or twenty, and lessening the annual expenditures from ten to fifteen thousand dollars. It might also save us, for two or three years at least, the construction of additional school buildings or enlargements. The plan may not be advisable, but it certainly demands discussion. Ultimately nine-year elementary courses will probably be found to be the rare exception.

Kindergartens. At the beginning of the fiscal year a movement was made in the school board toward the abolition of the kindergartens in the interests of retrenchment. This brought to the surface a very strong sentiment in favor of kindergartens, and called out many protests against any attempt to discontinue or restrict them. Not only was this feeling manifested among the patrons of existing kindergartens, but among residents of less-favored portions of the city, who are hoping that one day circumstances will be such that kindergartens may be established in all sections of the city. In deference to this strong public sentiment, to say nothing of the conviction of the committee themselves, a report was made that it is inexpedient to make any changes in this direction. I do not now recall any instances of the abolition of kindergartens in any community where they have once been established. Wherever introduced, they are patronized and appreciated, and if retrenchment is necessary the kindergartens are the last to feel its effects. They have become an integral part of progressive school systems, and the necessity for their establishment and maintenance should be recognized as essential to any system of schools that lays claim to the highest excellence. The four kindergartens in wards one, two, and four have been in successful operation all the year. The entire expense for instruction incurred is \$3,909.49. The enrollment has been 412, and the average membership, 195. The cost per pupil is about \$8.00 more than in a primary school. If by any possibility an

eight-year elementary course were adopted in the city, as suggested elsewhere, there would undoubtedly be an emphatic call for the extension of the kindergarten to include the entire city and to accommodate children five, if not four years of age. If this were generally done, the reduction from nine years to eight would be merely nominal, and instead of being in the interests of economy it would entail a larger annual outlay. The following table shows the facts regarding kindergartens in detail:—

	Hanscom.	Bennett.	Baxter.	Glines.	Total.
Enrollment	104	112	93	103	412
Average membership	48	50	4	49	195
Average attendance	44	42	45	43	174
Per cent. attendance	91.7	85.2	4.1	88.9	89.2
Age	4—9	4—6	4—5	4—7	4—7

Evening Schools. At least fifty persons having petitioned and pledged attendance, in accordance with legal requirements, the first evening high school in Somerville was opened in October, 1904. The academic department of the school continued for seventy-nine evenings. The drawing school, which was transferred from the Latin building to the English and made a department of the school, was in session thirty-nine evenings. In all departments, 762 different students were registered. While the school was in session four evenings of the week, the students were divided into two sets, one attending on Monday and Thursday, and the other on Tuesday and Friday evenings. Some students attended four evenings. Including all departments of the school, there were present on the average each evening 224. In the academic department the average attendance dwindled from 291 in October to ninety-two in February, and the drawing department from ninety-six in October to sixty-two in February. Many registered at the outset who were attracted by the novelty of an evening high school and were without any well-considered purpose. They attended but few evenings, but are included in the whole number registered. As far as regularity and continuity of attendance are concerned, our experience in the evening high school is similar to that in the elementary schools. Numbers are comparatively large at the opening. They decrease steadily until at the close about a third of the original members are in attendance. These short-time attendants receive practically no benefit from the school, but require teachers and swell the expense. The commercial depart-

ments were much more fully patronized than any others. Stenography, bookkeeping, typewriting, penmanship, commercial arithmetic, English, French, German, Latin, chemistry, physics were the subjects pursued. Some of the classes were discontinued early in the year, owing to loss of members. The organization and management of the school were in the hands of the head master of the English school, and his eighteen assistants were equal in ability to those employed in our day schools. Everything possible was done to make the school a success, and an opportunity was offered to the young people of Somerville which should have been better appreciated.

The expenses of the school were \$0.404 for each pupil for each evening; that is, relatively, four times as much as we pay in the high school for the same length of time. The equipment of the school with books and material required an unusual expenditure. The cost of the school is as follows:—

Paid for instruction	\$4,243
Paid for janitor service	153
Paid for supplies	1,257
Paid for light	1,046
Total	<u>\$6,699</u>

This year the school opened in October with a much smaller registration, but with an average attendance of about 200 each evening. The school is being successfully managed and run as economically as possible, teachers being dropped as the pupils fall out.

Elementary Evening Schools. The conditions in the elementary schools during the season of 1904-1905 were much the same as in previous years. The Prescott, Bell, and Forster schools were open seventy-nine evenings each, and the Highland, sixty-three. The enrollment was considerably smaller, but the number in attendance was about the same as last year, 312. Thirty-two teachers were employed, and the entire cost of the schools was \$6,088, an average of \$0.247 per pupil per evening, which is relatively five times the cost of the elementary day schools.

The statute formerly required that evening schools should be kept at least fifty evenings during the year. Recent changes in the law, however, make the length of the evening school term optional with the committee. For the last few years the schools have been open until the first of April. It was thought best, however, by the committee this year to close the schools on the first of March. The reason for this was purely a financial one, the evening school committee being desirous of co-operating with the city government in an attempt to reduce expenditures in all directions. It is an open question whether attempts to economize by shortening the terms of the evening schools are wise or not. The students that persist in their attendance belong

largely to two classes. The smaller class is composed of illiterates, whose attendance is compulsory and who are glad of the shortened term. Much the larger class is made up of young men and women who appreciate the opportunities the school offers, and attend regularly and maintain their zeal and interest and application to the end. These students were much disappointed at the early closing of the schools. The loss of the last month was a distinct disadvantage to them. Table 15 in the Appendix gives the details of evening school expenditures, etc.

Vacation Schools. The same reason that led to the early closing of evening schools actuated the vacation school committee in deciding not to open vacation schools during the summer. While there are distinct advantages accruing from vacation schools, if there must be retrenchment anywhere in the school department it may better be made along this line. It is, however, very doubtful whether a larger dividend can be secured than by spending five or six hundred dollars for the benefit of the class of children for whom the vacation schools are designed.

Cost of the Schools. The total amount spent for the maintenance of the schools of Somerville in 1905 is \$321,676. This does not include the sums spent on schoolhouse repairs and for new buildings. It does cover the amount paid for the care of school buildings, for janitors' services, fuel, light, and telephones. With this expenditure the school board has nothing to do, it being wholly in charge of the city government.

The amount paid for janitors is.....	\$21,949.25
The cost of fuel is.....	15,166.43
The cost of light is (for nineteen months).....	4,344.95
Telephones	482.26

A total of.....	\$41,942.89
The cost per capita.....	3.63

The second important expenditure is wholly under the control of the board, and is covered by what is known as the "School Contingent" appropriation. The following are the chief items:—

Officers' salaries.....	\$4,900.00
Books	\$7,088.21
Stationery	4,385.57
Laboratory and manual training supplies..	2,353.08
Printing	983.47
Graduation exercises.....	1,109.59
Drawing supplies.....	555.40
Bookbinding	1,084.77
Truant officer's horse.....	240.00
Express and postage.....	218.80
Board of truants.....	322.14
School census	260.34
Telephones	153.81
Kindergartens	69.56
Miscellaneous	1,312.08

Total for school supplies, etc..... \$20,136.82

Total outlay on school contingent account.....	\$25,036.82
Appropriation	23,500.00
	<hr/>
Deficiency	\$1,536.82
Received for damage to school property.....	\$65.84
Tuition state wards and non-residents.....	206.16
	<hr/>
	272.00
	<hr/>
Net deficiency.....	\$1,264.82

The third, and by far the largest, element of the cost of schools is the sum spent for the salaries of teachers. The following shows the monthly payments:—

January	\$26,424.61
February	25,961.55
March	24,625.50
April	24,574.87
May	24,463.00
June	24,382.30
September	24,717.67
October	26,557.62
November	26,643.39
December	26,346.61

Total	\$254,697.12
Amount of appropriation.....	260,000.00

Balance to the credit of account.....	\$5,302.88
Deficiency on school contingent account.....	1,264.82

Balance (Credit) on school department account.. \$4,038.06

This surplus is largely due to the early closing of the evening schools, the omission of the vacation schools, the discharge of assistants, and the employment of lower-priced teachers.

The total outlay for all purposes in 1905 is as follows:—

Teachers' salaries.....	\$254,697.12
Administration	4,900.00
Care of schoolhouses.....	41,942.89
School supplies.....	20,136.82

Total for school maintenance.....	\$321,676.83
Paid for repairs.....	8,305.48
Paid for new buildings.....	51,987.40

Total for all school purposes..... \$381,969.71

Each dollar of the sum spent for the support of schools has been divided in the following proportion:—

	1901.	1902.	1903.	1904.	1905.
Teachers' salaries.....	\$0.790	\$0.800	\$0.781	\$0.793	\$0.792
Administration.....	0.017	0.017	0.013	0.016	0.013
Janitors' salaries.....	0.071	0.073	0.070	0.070	0.070
Heat and light.....	0.055	0.042	0.067	0.053	0.061
School supplies.....	0.067	0.068	0.069	0.068	0.064
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total.....	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

Per Capita Cost. The proper way to compare the cost of schools one year with another is by considering the amount spent

for each pupil in the average membership. In this computation we exclude the cost of evening schools because the sum is now so large as to be misleading. It is difficult to include the membership of the evening schools with that of the day schools. The following shows the

PER CAPITA COST OF DAY SCHOOLS FOR 1904 AND 1905.

	High Schools.			Grammar and Primary Schools.			All Day Schools.		
	1904	1905.	De-crease.	1904.	1905.	De-crease.	1904.	1905.	De-crease.
Instruction . . .	\$47 20	\$45 79	\$1 41	\$19 24	\$18 86	\$0 38	\$22 16	\$21 76	\$0 40
Supplies	6 04	5 15	0 89	1 29	1 29	0 00	1 78	1 70	0 08
Care	4 29	4 15	0 14	3 31	3 26	0 05	3 42	3 36	0 06
Total	\$57 53	\$55 09	\$2 44	\$23 84	\$23 41	\$0 43	\$27 36	\$26 82	\$0 54

If we include the sums paid for the maintenance of evening schools, the per capita cost for the two years is as follows:—

	1904.	1905.	Change.
Cost of instruction.....	\$23.03	\$22.50	—\$0.53
Cost of supplies.....	1.93	1.74	— 0.19
Cost of care.....	3.52	3.63	+ 0.11
Total.....	\$28.48	\$27.87	—\$0.61

An examination of these tables shows that in the high schools \$1.41 less has been paid per pupil for instruction, that supplies have cost \$0.89 less than last year, and that care of buildings has cost \$0.14 less. This makes the average cost of educating a high school pupil this year \$2.44 less than last year,—\$57.53 in 1904, \$55.09 in 1905. This reduction of expense is due to the fact that while there has been a large increase in the pupilage of the schools, there has been no increase whatever in the teaching force.

Instruction in grammar and primary schools has cost \$0.38 per pupil less this year than last, while supplies have cost exactly the same, \$1.29 per pupil, and care \$0.05 less. This makes the net total of the per capita cost of these schools \$0.43 less than in 1904,—\$23.84 in one case, \$23.41 in the other.

Taking all the day schools together, we find that instruction has cost \$0.40 less, supplies \$0.08 less, and care \$0.06 less, making the net cost per capita \$26.82 this year, as compared with \$27.36 in 1904, a decrease of \$0.54.

Adding the cost of evening schools to that of day schools, we increase the cost of instruction \$0.74, the cost of supplies \$0.04, and the cost of care \$0.27. This makes the total cost for 1905 \$27.87 per capita, as against \$28.48 in 1904, a reduction of \$0.61.

There were fifty-nine cities and towns in the commonwealth that paid a larger per capita sum than Somerville in 1904. The cost of maintaining our schools in 1904 was \$5.44 for every thousand dollars of the city's valuation, but there were 130 cities and towns in the state that paid a higher rate. This year the ratio for Somerville is the same as for last year.

It is still to be noted that the school children of Somerville increase in number more rapidly than the ability of the city to meet the expenditure which this education entails. The increase in the number of children in the schools in 1905 was 2.8 per cent., while the increase in the valuation of the city was only 1.9 per cent.

While this decrease in the cost of the schools for the year may be gratifying and of temporary advantage in relieving the financial stress, we do well to inquire whether there has been in any direction a loss of efficiency. There is no question that there should be economy in all lines of school expenditure, neither is there any question that the people demand that the standard of the schools shall be maintained at whatever cost.

A comparison of the comparative cost of instruction in school buildings of different size, estimated on the basis of similar grading and equal numbers to a teacher, is interesting. We find it to be as follows:—

Per capita cost of instruction in 12-room buildings.....	\$16.29
in 8-room buildings	15.25
in 6-room buildings	13.42
in 4-room buildings	13.47

It will be seen that the cheapest schools are those that occupy six-room buildings.

The salaries paid to teachers at the present time are as follows:—

2 men.....	\$3,000	1 man, 2 women.....	\$800
2 men.....	2,000	4 women.....	775
9 men, 2 women.....	1,900	16 women.....	725
1 man.....	1,800	6 women.....	700
8 men.....	1,700	201 women.....	650
1 man.....	1,500	6 women.....	600
1 man.....	1,300	1 woman.....	575
4 women.....	1,200	3 women.....	525
1 man.....	1,100	6 women.....	500
11 women.....	1,000	4 women.....	425
1 man, 18 women.....	900	1 woman.....	350
2 women.....	850	1 woman.....	275

On this basis, the total salary list at present is \$247,825.

Stamp Savings System. The stamp savings system introduced three years ago has begun its fourth year under the same general plan and management. The novelty has worn away, and the sale of stamps has reached a business basis. It requires time and service on the part of teachers, both of which in most cases are cheerfully given.

The amount of business transacted is as follows:—

	1903.	1904.	1905.
Received from sale of stamps....	\$15,135.59	\$9,069.80	\$8,056.80
Deposited in Somerville Savings Bank	8,069.85	5,514.89	4,754.46
Value of cards cashed.....	3,152.46	2,521.86	3,116.47
Total collections for three years to December 1, 1905..	\$34,607.67		
Total amount deposited in bank.....	19,509.46		
Total value of cards cashed.....	9,318.66		
Losses in three years (made good by interest).....	136.26		

Medical Inspection. The subject of the regular medical inspection of schools has been discussed in my reports for several years. Two or three votes of the school board are on record showing their approval of the installment of the system in Somerville. Early this year a special committee was appointed to confer with the members of the board of health with reference to the matter. There was hearty agreement as to the wisdom and utility of the plan. Definite action was taken by the board of health, and the failure to secure the appropriation asked for was the only reason why the plan was not set in motion. Let us hope that money will be available during the coming year. There has been a minimum of infectious disease during 1905, the schools being very slightly affected. The preparation and circulation among teachers and parents by the board of health of a pamphlet containing directions for the prevention, treatment, and care of all the ordinary contagious diseases has been found very helpful. Teachers are watchful for any indications of trouble, schoolrooms are promptly and thoroughly fumigated whenever it is necessary, and books and other school property used by children affected are destroyed.

Public Library. There is one respect in which Somerville stands pre-eminent among the cities of the commonwealth, if not of the country. It is in the close and cordial union between the public schools and the public library. Not only are the library doors swung wide open to teachers, and to pupils of all ages, but the books themselves are transferred from the library to the schoolrooms. There are at the present time 152 libraries containing nearly 6,000 volumes in the schools. These books have been selected mainly by the teachers themselves, and are, therefore, especially adapted to the age and attainment of the children in whose hands they are placed. The records show that there have been circulated among the school children during the year a total of 90,000 books lacking two. The advantages accruing in this way to children cannot well be estimated, and an influence must go out from this distribution of books that will be lifelong. The school authorities recognize with gratitude the liberality of the library trustees and the unfailing courtesy and labor of Librarian Foss and his efficient assistant, Miss Woodman, in purchasing and distributing books so generously among school children.

Since the opening of the school year another departure has been made by the library management, greatly to the advantage of the schools. It is the distribution in rotation among the schools of stereoptic pictures, the best that photographic art can produce. These pictures are used in the study of geography and history. They vividly show natural scenery, principal cities, life and customs of people, and notable buildings and works of art in all parts of the world. They are a great aid in instruction in the branches they illustrate, and are used with much zest by both pupils and teachers.

Manual Training. There are still some people in the community who live too much in the past, and who feel and declare that manual training has no place in the public schools. They are generally people with narrow views who are totally ignorant of what is going on in the educational world. Manual training has become a fixed element in the modern school. Manual training schools are found in every country that lays claim to an educational system. The value of this training is undeniable. The law requires it to be given in both high and elementary schools. The subject has a place in our high school under unfortunate limitations, which should be removed by the extension of the course in rooms especially adapted to the purpose. It should be given in the form of wood work for boys and domestic science for girls in the elementary schools also. At least two centres should be fitted up for these purposes, suitably equipped, provided with competent teachers, and opened to the pupils of the eighth and ninth grades. The school committee has several times voted to make this a feature of our educational system, and requests have been made for accommodations. The necessities of the case, however, have not appealed to those who control the necessary funds for this purpose. To show the strength of public sentiment along this line, I quote what has just been said by a student of educational problems in one of the leading periodicals:—

The popular distinction between industrial education and higher education has no real existence. There is no higher education than that furnished by the professional schools—law, medical, theological. But training for law, medicine, and the ministry is industrial education as truly as training for carpentering, blacksmithing, or farming. The first three are industries no less than the second three.

And carpentering, blacksmithing, and farming are just as "high" as law, medicine, or the ministry. It is as important to live under a good roof as to live under good laws. Good bread is as important as good theology; bad cooking is as provocative of wickedness as bad preaching.

Life is for service; education is for life. That is the best education which best fits the pupil for the best service *he* can render. Which is better—to be a blacksmith or a preacher? That depends; it is better to pound an anvil and make a good horseshoe than to pound a pulpit and make a poor sermon.

There is a real distinction between education for self-support and education for self-development; between culture and what the Germans call the bread-and-butter sciences. In order, if not in importance, the bread-and-butter sciences come first. The first duty every man owes to

society is to support himself; therefore the first office of education is to enable the pupil to support himself.

But manual training is not merely industrial training. It is not merely training for self-support; it is also training for self-culture. The hand has other uses than to hold a book; the eye other uses than to read a printed page. Education is the training of the whole man—body, soul, and spirit. To teach a boy the mechanics of home-keeping, to teach a girl the chemistry of home-keeping, is as much self-culture as to teach either what kind of homes the ancient Greeks and Romans possessed. Our present self-development is too narrow. We need to broaden it. Manual training is necessary to make the "all-round" man.

Manual training is moral training. The boy will learn that he is under law more quickly in a workshop than in a schoolroom. Industry, order, carefulness, accuracy, obedience, conscientiousness are taught at the forge and the work-bench more easily than at the desk. Moral lessons are better taught by doing than by reading, by tools than by text-books.

Whether manual training can come into our schools without putting something out is a question. What, if anything, shall be put out is another question. But it ought to come in for three reasons:—

To equip for self-support.

To make all-round men and women.

To develop the moral nature.

Promotions. There are some among us even now who think "the former days better than these," and who point with pride to the old-fashioned "district school," claiming its superiority in comparison with modern schools. Their judgment may be obscured by the glamour of some bright country boy who has come to the city and made a phenomenal business success. The average mediocrity of the whole number and the restricted curriculum and narrow opportunities are forgotten. There was an excellency, however, in the country school which must be conceded. There was generally no attempt at classification, and the elective system prevailed. Each selected his favorite studies and worked upon them independently of his fellows. Progress along the chosen lines was rapid. A spirit of self-reliance was developed. The bright were not retarded by the slow, nor were the latter forced beyond their ability.

The most common and probably the best founded criticism of graded schools relates to their "deadly uniformity." "Fifty pupils are in lock step, and the rate of advance is determined by the capacity of the average third. The bright pupils who might do double the work are repressed, while those whom nature has not so highly favored are either forced beyond their natural capacity or left at the end of the year hopelessly behind." The individual is lost in the mass.

This danger has been generally recognized, and many attempts have been made to remedy the evil, with varying degrees of success. Some cities have adopted a plan of promotions at shorter intervals than a year, ranging from five months to six weeks. Others form "skipping classes," in which four years' work may be done in three, or three years' work in two. Still other plans have been tried. The latest, and one which readily

adapts itself to most schools without necessarily increasing the expense, is the one which has recently been systematically applied in the city of Batavia, N. Y. While containing nothing absolutely new, the advantages of the plan lie in its methodical application and persistent working. The prominent feature is that a certain portion of the class instruction and recitation is replaced by the direct teaching of the individual pupil. A certain portion of each day is set apart for this line of work. The class in general is employed in study or written exercise while the teacher gives to the pupil seated at her side the special help and direction that he needs. Each child knows that his advancement depends wholly upon his own effort. No attempt is made to keep all pupils absolutely together in any subject. The precocious, the mediocre, the slow may each progress to the top of his bent. Those in special need of encouragement and instruction in one or two subjects (very few pupils are behind in all subjects) receive just what they require. Class instruction and recitation have their place, but they are subordinated to the requirements of the individual. A healthy spirit of emulation is aroused, and each one realizes that rewards are based solely upon individual merit.

The most successful working of this plan entails the employment of an extra teacher in each building,—not an apprentice or a journeyman, but a patient, sympathetic, skilful, versatile woman, who passes from room to room and gives encouragement and assistance where most needed. In classes of twenty-five or thirty, or even thirty-five,—numbers that approach more nearly to the ideal,—the regular teacher does her work without assistance.

The result of the plan is that those that are capable advance from grade to grade at any time during the year, according to their attainments. Just the encouragement and help are given that the lower third of the class need. At the end of the year no one is left behind to repeat the work, except in very rare instances where long-continued absence or other unavoidable circumstances have interfered. This plan is being tried in several New England cities, and thus far with promise of success. Longer experience, of course, will demonstrate its actual value.

It is apparent that in our own schools there is need of something of this sort, some well-considered and effective plan to secure the promotion of pupils whenever they are ready for it, and to prevent the spiritless repetition of a whole year's work.

In our schools 1,200 pupils fail annually of promotion to the next grade. This number includes those who drop back after a three months' trial in the advanced work. Distributed among 200 or more classes, it gives only four, five, or six to a class, but in the aggregate the number seems large. If all these pupils remained in school for the extra year, the cost to the city for their instruction would be \$30,000. Not all, however, remain. Many drop out of school disheartened. If any plan can be devised to

save this extra year to the pupil and to the school, it would be not only of immense advantage to the individual, but a worthy saving to the city.

The Batavian plan has been presented to our teachers, and in general meets with hearty approval. Some of them are using it to advantage. One great obstacle in the way of its success, however, is the size of the classes in our schools. For one woman to teach a class of forty-eight pupils successfully by any known plan is well-nigh impossible. The necessity for massing pupils in instruction and recitation is apparent. Some individual instruction may be given, but it is perforce very limited in amount, at the best.

There is general recognition among educators of the necessity for smaller classes, and efforts in that direction are being made wherever possible. Smaller classes being at present impossible with us, the only remedy lies in the employment of an extra teacher in every large building, who shall devote her entire time to work among the backward or those in especial need. If the employment of such extra help should result in the promotion of even two-thirds of those who would otherwise be forced to repeat the work, the extra expenditure involved would be largely justified.

Some such scheme should be adopted not only in the elementary, but in the high schools. Many pupils drop out of the high schools early in the course through sheer discouragement. They are thrown more upon their own resources in the high school. The habit of self-reliant, individual work has not been formed. They have depended heretofore too much upon the teacher, and, after vain attempts to maintain a creditable standing, they drop out of school. Moreover, many pupils are conditioned in one or more studies, largely, no doubt, on account of their own indifference, but in many cases because it has been impossible to give them the requisite help at just the right time. A skilled teacher could occupy her time to great advantage among this class of pupils. I commend the general adoption of this plan and the employment of extra teachers as far as possible to the careful consideration of your honorable body.

Student Organizations in High Schools. The question of the control of student organizations in high schools is now prominently before the educational public, and is occasioning earnest discussion in all parts of the country. There are two forms of these organizations, widely different in character and in usefulness. Organizations of the first kind are open and public in their character. They include all forms of athletic clubs,—baseball, football, basket ball, polo, track athletics of all kinds, etc.; literary organizations, student publications, dramatic clubs, glee clubs, school orchestras, chess and checker clubs, and organizations of a similar character. The object of these societies is in general worthy, and, if well ordered and controlled, they may be

useful in promoting either the physical or mental or social interests of students. They generally bear the school name. If mismanaged or uncontrolled, if excesses are allowed, if actions are permitted that are prejudicial to either the good name of the school or of its students, they become a menace, if not a positive injury.

Thus far Somerville high schools have been remarkably free from any of the objectionable features that have been noted elsewhere. It will be remembered that the subject of school athletics was discussed at some length in last year's report. Conditions have not materially changed since then. The Somerville High School Athletic Association is wisely managing the athletic interests of the schools. The employment of a graduate coach of sterling character, interested equally in the success of the teams and in the maintenance of the good name of the school and its students, has kept athletics of all forms on a high plane, and no criticism can be justly made. The fact that teachers of the school are on the board of government and that the finances are managed by one of them has maintained a healthy restraint, and has directed rather than antagonized the student management. The only criticism that may be made in connection with other open organizations connected with the schools may be along financial lines. As a rule, high school boys and girls are without the experience that is necessary to the transaction of business involving the outlays of large sums of money. A debit balance at the end of the year against any organization bearing the school name is a discredit, and there should be such control of funds by one or more members of the faculty of the school as would avoid endangering in any way its reputation. Just how far school authorities may interfere in the management of student organizations is a mooted question. An effort was made last year to secure legislation that would remove all doubts in the matter. The effort failed, but the attempt will be renewed this year in the hope of success. There is much greater need of authoritative control in other cities of the state than in our own, but the future is long, and "forewarned is forearmed."

The second form of student organizations is that of secret societies,—fraternities and sororities. These societies have developed very rapidly all over the country during the last few years, and are in imitation of college customs. Most of them are local in character, although there are a few that have a national organization. There are six or eight of these organizations in our own high schools, and while there has been no conflict between school authorities and these organizations (save in a single instance), they are in influence and character unsalutary, and they may become pernicious as the years go on.

The subject has assumed such importance as to have engrossed, during the year, the attention of the Massachusetts Council of Education, an organization composed of leading edu-

cational experts of the state. A very thorough and exhaustive investigation of the whole question, not only as it pertains to New England, but to the entire country, has been conducted during the year by Mr. Whitcomb, principal of the English high school, on behalf of this body. The consensus of opinion as expressed by high school principals the country over is very emphatically against these organizations as a whole. The general sentiment is that they should be abolished. If permitted at all, they should be under the control of the school authorities, but this removes the element of secrecy which seems to be their corner-stone. The subject was fully discussed at the last meeting of the N. E. A., and the following resolution, summarizing the objections to these organizations which have been disclosed by experience in various schools, was presented:—

“Whereas, the sentiment of superintendents, principals, and teachers against secret fraternities is almost universal, and their testimony, as disclosed in the foregoing report, coincides with the observation and experience of the members of the committee individually; be it therefore

“Resolved, that we condemn these secret organizations, because they are subversive of the principles of democracy which should prevail in the public schools; because they are selfish, and tend to narrow the minds and sympathies of the pupils; because they stir up strife and contention; because they are snobbish; because they dissipate energy and proper ambition; because they set wrong standards; because rewards are not based on merit, but on fraternity vows; because secondary school boys are too young for club life; because they are expensive and foster habits of extravagance; because they bring politics into the legitimate organizations of the school; because they detract interest from study; and because all legitimate elements for good—social, moral, and intellectual—which these societies claim to possess can be better supplied to the pupils through the school at large in the form of literary societies and clubs under the sanction and supervision of the faculties of the schools.”

Attention is called to the subject in this report so that not only the school board, but the public may be duly informed. The matter is one in which the parents of high school pupils are vitally interested, and their influence, if wisely directed, would be decisive in the settlement of any vexed questions that might come up. Of course there is no desire anywhere to interfere with the legitimate social life of students. It should be remembered, however, that schools are maintained for a distinctively educational purpose, and whatever interferes in any way with the accomplishment of this purpose, broadly interpreted, should be kept separate and distinct from them.

Sanitary Condition of Schoolhouses. Public attention has been recently drawn in an unusual way to the condition of certain Somerville schoolhouses. This fact gives special pertinency to a brief, general consideration of the subject, and makes suggestions timely.

At the outset it should be distinctly understood that the school committee has no authority whatever concerning the location, construction, control, or care of schoolhouses. The statutes give them full control of the schools. The only allusion

to school buildings found anywhere is in chapter 13 of the Revised Ordinances of the city, which provides that the school committee shall annually, if possible in the month of January, present to the board of aldermen a statement of such additional school accommodations as in its judgment may be required. The decision with regard to location and construction of buildings, the employment of janitors, all provision for light, heat, furniture, repairs, etc., are placed in the hands of the commissioner of public buildings. As far as the exercise of any authority goes, schoolhouses are as independent of the school committee as are the buildings occupied by the fire department. If, therefore, there are defects or lack of whatever is healthful, necessary, or suitable, the responsibility rests in no wise upon any of the school authorities. It should be said, however, that this does not necessarily imply any lack or unwillingness on the part of any department of the city government to supply what is needed within the appropriations. The trouble is that money is lacking to do certain things in connection with school buildings that every one recognizes ought to be done. This has been especially true during the year now closing. Beyond what was necessary for fixed charges, the commissioner has had this year only the meagre sum of \$7,000 to provide all the repairs that have been necessary for twenty-six school buildings. A supplementary appropriation of \$1,300 was made during the summer for the specific purpose of purchasing furniture made necessary by changes in classes. For the seven years antecedent to 1905, the average expenditure for schoolhouse repairs was more than twice as much, or \$15,470. It will be seen that, as far as the expenditure for repairs is concerned, this year has been a marked exception, owing, no doubt, to financial stringency in all departments of the city government. Here is a million and a third invested in our educational plant. Certainly any other lot of real estate of this character would require an annual expenditure of say two per cent. to keep it in the best condition.

There is published in the present edition of the Rules and Regulations of the School Board a set of rules for the government of schoolhouse janitors. These rules, however, are now null and void. General directions have been issued by the commissioner to janitors that they are to keep the schoolhouses clean, warm, and in a perfectly sanitary condition, at whatever outlay of time and labor may be necessary. Janitors are required to honor all reasonable requests of principals, and are expected to be courteous, accommodating, and helpful. I wish to say regarding the present corps of school janitors that they fill the positions they hold to the general satisfaction of teachers and superintendent. Of course, they differ greatly from one another in their standards, and in what I say I intend no criticism of any individual among them. Section 68 of the Rules of the School Board, under the head of "Duties of Principals," reads as follows:—

Section 68. They shall exercise a vigilant supervision over their respective buildings and grounds, and see that they are kept in a neat and wholesome condition. Any continued neglect of duty on the part of janitors they are to report to the commissioner of public buildings. Defects in the heating or sanitary arrangements of the building and needful repairs are to be reported to the superintendent of schools.

Any communications between principals and the commissioner of public buildings now pass through the hands of the superintendent. Calls for what is necessary are made on blanks provided for the purpose, and are approved by the superintendent. The relations between principals and janitors are, I think, on the whole pleasant. It is disagreeable for any principal to report a janitor for neglect of duty, and it is quite probable that a principal would suffer minor neglects to go on for some time rather than to bring about the disagreeable relations that would naturally result from such reporting.

What is the present condition of our school buildings (1) *as to sanitation*? I do not think that there are any conditions at the present time that offer a menace to the health of school children. There are certain repairs and improvements, however, that should be made in order to ensure absolute safety. These are chiefly found in the older buildings. At the Davis, Cummings, and Bingham schools the present old-fashioned and unsuitable toilet arrangements should be removed and modern appliances furnished. There are minor repairs and changes to be made in several other buildings. Everywhere there should be the closest inspection and flushing of the apparatus two or three times a day. It is only by constant care and vigilance, by the generous use of water, scrubbing brush, and broom, that the desired results can be secured.

(2) *As to Cleanliness*. In this respect there are varying standards among the schools. There are some buildings to which the most punctilious housewife could take no exceptions. There are others that fall considerably short of the ideal. There is no reason why a school building should not be kept as clean as a hospital. This involves, however, a great deal more work than it is customary to put into schoolhouse cleaning. All schoolrooms should be scrubbed more frequently, walls should be dusted, windows cleaned, and many of the rooms should be swept daily. If our schoolyards were concreted, and if sidewalks were provided, there would be less necessity for broom and brush. The janitor's standard of cleanliness and that of the principal often differ, and it is a mooted question whether the one or the other should control the situation.

(3) *As to Temperature and Ventilation*. All our schoolhouses are provided with adequate means of ventilation. The difficulty lies in the management of the apparatus. If mismanaged or neglected, foul air necessarily results. The heating facilities in all

the buildings but two—the Pope and the Highland—are fully adequate. In the buildings named the corridors are not heated. I have known the temperature in the Highland corridor to be below forty when the rooms were sixty-eight. This difference in temperature jeopardizes the health of teacher and pupil, and a remedy should be applied. Both of these buildings are furnace-heated. The plan is at some time to replace the existing apparatus by steam heat. This means an outlay of \$5,000. While, as has been remarked elsewhere, we are frequently obliged to dismiss classes on account of cold rooms, the cause does not lie in the heating plant. Children and teachers suffer more from over-heated rooms than cold rooms. In theory we maintain an equable temperature of sixty-eight at the level of children's desks. As a matter of fact, the temperature often rises far above a healthful point. The absorption of the teacher in her work or her inability to regulate the matter is accountable for the trouble. In my opinion, the teacher should have nothing whatever to do with the temperature or ventilation of her room. This matter should be in the hands of the janitor, and he should be held responsible for maintaining an even temperature during the entire school day. He should visit the rooms as often as necessary, and be held to a strict accountability. If any obstacle prevents maintaining the right temperature in every room of the building, whether located on the north side or the south, that obstacle should be removed.

(4) *As to Light.* Three buildings,—the Prescott, Forster, and Bell,—and some rooms in the Morse are very inadequately lighted. Attention has been repeatedly called to this serious defect without avail. The light surface should be a fifth of the floor surface in every room. In these buildings it is a half of what it should be. Additional windows are needed in every room. Several years ago this defect was remedied by the addition of two windows in some rooms in the Forster school. The effect of inadequate light may not be at once apparent, but it is certainly one cause of the constantly-increasing defect in vision noticeable in school children.

(5) *As to Seats.* Modern school furniture is adjustable to the size of children. Many of our schoolrooms, however, are furnished with old-fashioned desks and chairs. From year to year different grades occupy the same room. Not only comfort, but health is involved in a seat adapted to the size of the child. Many children dangle their feet in the air without touching the floor for five hours a day. This is pernicious, and it should be made impossible. Several of our rooms are re-furnished with adjustable chairs and desks every year, but the change is not made as rapidly as is desirable. The expenditure of a thousand dollars would remedy this serious trouble.

(6) *As to Walls.* The walls and ceilings in the Prescott, Knapp, Edgerly, Carr, Morse, Highland, and Hodgkins are

grimy and stained with dust and discolored. They need whitening and tinting for sanitary as well as aesthetic reasons.

I am aware that to secure all these things that I have mentioned in some detail requires a considerable expenditure of money, but every suggestion made is in the interest of health, or comfort, or education, and if we are to make our school buildings what they should be and what I think the general public sentiment demands that they ought to be, we must be ready to make expenditures therefor.

Schoolhouse Decorations. It is expected that schoolhouses will be made pleasant, healthful, and comfortable at public expense. It is not too much to ask that the walls of schoolrooms shall be tinted and kept free from dust. We do not expect, however, that schoolrooms shall be beautified at the city's expense. Some public-spirited citizens, who believe in the refining and elevating influence of works of art in the schoolroom, have contributed during the year gifts, either of money or pictures, to various schools. Teachers, who know better than any one else the silent influence of attractive schoolrooms, are always ready to lend their efforts in this direction. Children, also, are learning the difference between the bare or tawdry and the artistic, and are always ready to contribute their mites and lend their aid in the adornment of their schoolrooms. The result is that many of our school buildings are getting to be not only attractive, but a means of education along art lines. During 1905 there has been raised by the combined efforts of citizens, teachers, and pupils the sum of \$2,800, which has been or is to be expended in the purchase of pictures, statuary, pianos, etc. The following statement gives the facts somewhat in detail:—

The Latin school has received a gift from S. Newton Cutler, former chairman of the school board, of Garnet-Gosse's "Illustrated History of English Literature," in four volumes. It has also received statuary worth \$20 as a result of the competitive art contest of the Boston Herald.

The English school has received a similar valuable set of books from Mr. Cutler, statuary from the Herald contest, and pictures given by the graduating class, to the value of \$250 in the aggregate.

The Hanscom teachers and pupils have raised by means of an entertainment \$66, with which a piano for the hall was purchased.

The teachers, pupils, and parents of the Knapp school district have recently held an art exhibition and bazaar, which resulted in the raising of \$725. Class gifts have also been received to the value of \$15, making the entire sum \$740.

The Edgerly school, by the sale of newspaper coupons in various contests, has \$113 to expend for schoolhouse decorations.

The Glines school has received from a friend the sum of \$100 for works of art, and pictures from graduating classes and friends of the kindergarten to the amount of \$34.

The Forster school, by the sale of coupons and by entertainments of one sort or another, has collected \$625, with \$578 of which a grand piano has been purchased for the main building, and another for the annex. The rest is to be devoted to school-room decoration.

The Bingham school, by the sale of coupons, has raised for statuary the sum of \$52. The school has also received from the Woman's Relief Corps the gift of four flags for schoolrooms.

The Carr school, by the sale of coupons, has been enabled to purchase a grand piano valued at \$230.

The teachers and pupils of the Durell school have raised \$24 for pictures, and have received a gift of \$30 worth from the Somerville Woman's Club. This same generous club has provided the Cummings school with pictures valued at \$15.

The Proctor school acknowledges the gift from the Woman's Relief Corps of eight schoolroom flags, and, also the present of a valuable picture from Miss M. A. Tufts.

By the sale of coupons, the Hodgkins school pupils netted \$238, which has been expended for pictures and statuary.

The Brown school, by candy sales and the Turner Art Exhibit, has raised \$142 for schoolroom pictures.

The Lowe School, through a Turner Art Exhibit, received \$89.

As a rule, this sum of money has come in small contributions from pupils and parents and friends of the school, without being burdensome to any one. Of course, there are objectionable methods that may be used to raise money for such purposes, but in reasonable ways the public are always ready to contribute towards an object they believe to be so worthy.

The thanks of the schools and of the school authorities are here extended to all individuals and organizations that have aided in this good work.

Exposition Awards. At the St. Louis Exposition Somerville received a diploma and a gold medal for its secondary school exhibit prepared by the English high school. It also received a diploma and a gold medal for the exhibit sent from its elementary schools. A diploma and a gold medal were also awarded to Head Master Whitcomb for work as collaborator.

At the Lewis and Clark Exposition, to which the entire Somerville exhibit was sent from St. Louis, the city was awarded a gold medal for "Secondary Education." These exhibits have been returned to us, and will be shown to the public next month.

Fire Drill. An iron tubular fire escape through which pupils slide on a spiral has just been completed for the Bell school. The time of descent from the top is twelve seconds. By its use the building can be emptied in twelve minutes.

Regular fire drills are practiced in every school building. Each teacher and child knows his place and exactly what to do.

When the signal of four quick strokes is sounded on the gongs, boys assigned to the duty throw and fasten open the doors, and without undue haste or excitement the children march out, generally carrying their clothing with them. Experiments made within a week show that every school building in the city may be emptied in two minutes, and many in a shorter time. Of course, the three-storied buildings require the longer time, and a building with three or four exits can be emptied very quickly. At the end of three or four, or, at the outside, five minutes, all pupils are re-seated and at work. This drill ensures absolute safety in the event of alarm or emergency, and is conducted in such a manner as to allay panic, the children often marching out to music in the usual way.

A Valedictory. At the end of the year 1905, Quincy E. Dickerman, a valued member of the board, closed a service in the interests of the schools extending over the unusual period of twenty-six years. At the final meeting of the year, in responding to appreciative resolutions adopted by the board, he presented the following recommendations, the outgrowth of long experience in public school work. At my request, the board voted to incorporate them in the annual report. They are as follows:—

I trust I shall be excused if I make a few suggestions for the future. I had hoped to see manual training introduced into the elementary schools before my retirement. This department of instruction has been a great success in the high school. It is required by the Public Statutes in cities of 20,000 inhabitants. I have more than once introduced an order, which was adopted by the board, recommending the introduction of manual training in the grammar schools, but as the city government did not furnish the means, the board is not responsible for the failure. I hope in the near future that cooking, also, may be introduced into the upper grades of the grammar schools.

I think it is desirable that a more complete commercial course should be arranged for the English high school, to the end that pupils may not be obliged to remain in the school two years before they can take up stenography and typewriting, which have come to be nearly as important as bookkeeping, and almost a commercial industry.

The subject of athletics in the high schools should receive attention. I do not like the term, for it is now commonly applied to football, baseball, and basket ball. These are all very well in their place, but I draw the line on football as it is now played, and I do not like the idea of our young ladies going to neighboring cities for match games of basket ball. We need in our high school some systematic training in gymnastics in a well-equipped gymnasium, with a competent instructor, where *all* the pupils, girls as well as boys, may have the advantage of physical culture, and their needs and defects be pointed out and remedied by proper exercises.

I think more attention should be given to voice culture, especially the speaking voice, to rhetorical reading and declamation, and to practice and contests in debating clubs. In this age of speech-making it is quite desirable that our boys and girls should have training in this direction.

I hope that systematic medical inspection of the schools and an assistant for the superintendent, as already suggested, will soon be realized. The beginning of the school year, in my judgment, should not be earlier than the second Monday in September, making that the starting point, and arranging the vacations as may be thought expedient.

It is to the teachers that we are mainly to look for advancement along the lines of moral, physical, and intellectual improvement. They are brought into close contact with the minds and hearts of the pupils; they are the motive power which largely influences, inspires, and develops noble traits of character. From them our children receive valuable suggestions concerning physical culture and the suppression of the smoking habit and similar vices. Be vigilant, then, as ever, in securing the best teaching force, making the salaries such as will command and retain the best talent, remembering that, as a rule, high salaries will increase the standard of efficiency.

I shall continue to take an interest in our schools and the results of the deliberations of the board. The education and training of our children mean so much to us, to our homes, to our happiness, to the future welfare and prosperity of our city, to good citizenship, to temperance, to good government, to all that makes life enjoyable in our beloved city, that I am sure that the interests of the schools will be safely fostered by you, and that the large appropriations for them will be so used as to yield an income of which no one will have reason to complain.

The Essentials. During the year our schools have continued to move steadily and without serious interruption along the usual conservative lines. Supervisors and teachers have worked intelligently and faithfully. There has been that hearty co-operation between the school and the home without which the best results are impossible. This spirit has been developed and fostered by mothers' meetings held in several of the schools. These are of great advantage, and bring mothers and teachers into association, acquaintance, and harmony, and they lead to mutual helpfulness in the work in which both are engaged.

While Somerville has a reputation for good schools, it has also a reputation for being a conservative school city. In some respects, perhaps, we are too conservative. We have, however, tried to maintain high standards along what some would call "a straight and narrow way." Every community has its distinctive needs, and we have sought in our schools to supply ours, leaving the task of experimenting to others. If our schools have merit, it is chiefly to be attributed to a strict adherence to the principle that the spring and source of all excellence in them rests in the character of the teacher. Buildings and books, studies and supervision, are all subordinate to this prime factor. From the time when we cease to secure the best possible teachers or yield to the pressure to employ the weak or mediocre to please their friends, or for other reasons, our schools will begin to deteriorate.

We hear periodically a clamor that the schools shall teach only the essentials. But who shall tell what the essentials of education are? The question has puzzled the philosophers of all the ages. All admit that the schools should give some degree of intelligence and skill. It is essential that life be self-supporting and productive, but it is more essential that life be pure, and useful, and happy. "Life is more than meat, and the body than raiment." The schools should equip for the struggle for physical

existence that lies before every one, but they should also equip with that inner furnishing that brings joy into life, independently of extraneous circumstances. They should give a full equipment for the far more important struggle to maintain personal purity and honor that awaits all. They should equip not for self-aggrandizement, but for service to one's fellows, to the state, to the country. What is love of knowledge compared with love of truth? What avails intellectual training if the will is left too weak to resist evil tendencies and influences? Of what value is wealth without honor, or power without purity, or success achieved at the sacrifice of integrity?

During the past year the moral sense of the nation has been shocked at the revelation of the abuse of power and opportunities for selfish and illegitimate ends. The outrages done to the love of justice and fair play and the "square deal" that always inheres in the people have awakened them, and the demand for reform, for honesty and incorruptibility in positions of public trust and power is heard on every hand.

Herein lies an opportunity for the public schools, the chief agency for establishing and raising moral standards. This is not to be done by preaching or moralizing over evil conditions, not by teaching dogmatic religion of any kind. It is to be done by eliminating false standards; by honoring endeavor rather than success; by constantly holding up ideals; by the general trend of school discipline; by insistence on obedience to parents, to teachers, to law by whomever made; by cultivating a respect for authority and for those who wield it; by teaching fidelity to trusts; by insisting that government is to be administered for the highest good of the people; and by planting deep the principle that public office is a public trust, never to be used for the promotion of personal interests of any kind. Children never learn to love truth and justice and right in the abstract. These virtues must be seen incarnated in parents, in teachers, in all who are in any wise responsible for their training. The virtues that underlie personal and national character are the same. The state is its citizens. It is virtue as a practice, not as a sentiment or a theory, that crystallizes into character. If that "righteousness which exalteth a nation" is ever attained, it must be taught and illustrated and practiced in the home and in the school. It must be founded on the rock of individual character. To its establishment the energies of all who have to do in any way with the public schools should be steadily and persistently directed.

To the members of the school board, the supervisors, principals, and teachers, and to the citizens of Somerville in general, the hearty thanks of the superintendent are extended for their efforts to strengthen and maintain the important work of the schools, as well as for personal sympathy and assistance.

Respectfully submitted,

December 22, 1905.

G. A. SOUTHWORTH.

In Memoriam.

At a meeting of the school board held June 26, 1905, the following was unanimously adopted, to be entered upon the records and a copy sent to the family of Mr. Nichols:—

George E. Nichols, master of the Highland school, died at his home in Somerville June 7, 1905, after an illness of several months.

Mr. Nichols was elected master of the Lincoln school in West Somerville July 21, 1877, and was transferred to the Highland school in 1881. His service in Somerville covered a period of twenty-seven years, one year's leave of absence having been granted him.

Mr. Nichols was an excellent instructor, a genial and warm-hearted friend and companion, and a man of refined tastes and manners. He easily won the respect and affection of his pupils, and the results of his labors will long abide in the lives of hundreds who came under his influence.

ORGANIZATION OF SOMERVILLE SCHOOLS.

Information concerning our schools is frequently sought by citizens or by educators in other localities. Following are the principal facts concerning them:—

Kindergartens. The city supports four kindergartens, in the Hanscom, Bennett, Baxter, and Glines schools. Vaccinated children between four and five years of age are admitted to the kindergarten nearest their residence during the months of September and April, and may remain until the July following their fifth birthday. Sessions from 9 to 12.

Head kindergartners receive \$600. One trained assistant is allowed when the number exceeds thirty, at a salary of \$275, \$350, or \$425, according to experience. Kindergarten teachers give five hours daily to their work, the afternoon being employed in visitation, preparation, mothers' meetings, and the like.

Primary Schools. Our elementary school course covers nine years, the first three of which are spent in primary schools. We have one exclusively primary school building, the ninety-six primary classes being distributed among twenty-three schoolhouses.

Vaccinated children five years of age, or who will reach that age on or before the first day of October, are admitted during the month of September only, provided they have never attended school before. Children able to enter existing classes will be admitted at any time. Applications for admission should be made to the principal of the school.

Only trained or experienced teachers are employed, the salaries being \$300, \$375, \$450, \$525, \$600, or \$650, according to length of service. Normal training is equivalent to a year's experience, and experience in other places is counted in determining salary.

First-grade teachers, with classes numbering fifty, are allowed an assistant, who is paid \$200, \$275, \$350, or \$425, according to years of service.

Grammar Schools. The grammar grades are found chiefly in twelve large buildings, of twelve or more rooms each. The course covers six years, and includes only those studies which the statute requires, with the addition of music, sewing, and elementary science.

The salaries of grammar school teachers are the same as those of primary teachers. Masters are paid \$1,900, and their assistants \$725. Other ninth-grade teachers are paid \$700. Principals of smaller schools receive \$725, \$775, or \$900 each.

Promotions. Promotions in all grades, from the first to the thirteenth, are made in June by the regular teacher and the principal, with the approval of the superintendent and district committee. They are based on the estimate of the pupil's daily work made by the teacher and recorded bi-monthly. An occasional brief, unannounced, written test is a factor in this estimate.

Where there is reasonable doubt of a student's fitness, he may be promoted on a trial of three months. In such cases the parent is notified and kept informed of his child's progress. At the end of this probationary period he may be returned to his former grade, provided it seems for his interests. In 1905 eight per cent. of those promoted on trial fell back.

Children capable of more rapid advancement may be promoted one or more grades at any time. Seventy-four were thus promoted in 1905.

Fitness for graduation or for admission to the high schools is determined in precisely the same way. Diplomas are given in grammar and high schools to those who have satisfactorily completed full courses.

Latin High School. In September, 1895, in the forty-third year of its existence, the Somerville high school was divided, the classical, or college preparatory, departments remaining in the old building, erected in 1872, and the English departments occupying a new building, erected in 1894-'95.

Some facts concerning the Latin school are presented in the following table:—

School Year.	Average Number Belonging.	Number Entering.	Graduates.	Cost of Instruction.	Per Capita Cost.	Teachers.	Pupils to a Teacher.
1895-6	257	69	50	\$11,702	\$45.57	9	28.6
1896-7	262	81	51	11,840	45.19	9	29.1
1897-8	273	86	55	11,921	43.67	9	30.3
1898-9	264	78	51	11,935	45.21	9	29.3
1899-0	245	65	48	12,491	50.98	9	27.2
1900-1	271	104	56	12,676	46.74	9	30.0
1901-2	314	114	56	12,583	40.13	10	31.4
1902-3	358	125	46	14,170	39.58	11	32.5
1903-4	398	122	73	16,104	4	13	30.6
1904-5	411	138	76	16,566	40.31	13	31.6

The object of the school is, primarily, to furnish a suitable preparation for those pupils who desire to pursue either a regular or a special course of study at higher institutions of learning, but the school is open to all pupils who wish to take the courses of study offered.

The regular time for completing the course is four years. Pupils, at the request of their parents, can make the work of each year easier by taking five years for the course. Those who are capable, and have good reason for shortening the time of preparation, are allowed to complete the course in as short a time as their ability will permit.

Graduates of grammar schools are admitted to either high school on presenting a certificate of qualification signed by a master. All other pupils are admitted by an examination in grammar school studies, given usually on the day preceding the opening of the schools in September.

The tuition for non-residents is the per capita cost for the year, payable in advance. The sessions of the school are from 8.30 to 1.30. The salaries paid high school teachers range from \$900 to \$1,200 for women and from \$1,000 to \$3,000 for men.

English High School. This school was organized in September, 1895. Information concerning it is found in the following table:—

School Year.	Average Number Belonging.	Number Entering.	Graduates.	Cost of Instruction.	Per Capita Cost.	Teachers.	Pupils to a Teacher.
1895-6	456	213	67	\$20,102	\$44.13	21	21.7
1896-7	531	235	70	23,010	43.33	21	25.3
1897-8	535	224	75	24,843	46.44	22	24.3
1898-9	575	231	86	26,159	45.49	23	25.0
1899-0	669	316	83	31,322	46.82	27	24.8
1900-1	691	249	97	32,739	47.35	30	23.0
1901-2	738	294	108	35,989	48.74	34	21.7
1902-3	747	264	135	36,843	49.32	33	22.6
1903-4	728	264	106	36,426	50.04	33	22.1
1904-5	784	339	135	39,634	50.56	33	23.8

The course of study covers four years. Graduates are admitted to special courses when the conditions are favorable. Candidates for technical and normal schools take specific preparatory work.

The wide range of elective studies is a distinctive feature of the school. The choice of the first year may be one of the following: Latin, French, German, biology (botany and zoology), manual training, and mechanical drawing. To these, physics is added for the second year, and chemistry, geology, and astronomy for the third and fourth. After the second year two or more electives may be taken. Penmanship and commercial arithmetic may be taken the second year.

During the third and fourth years the student may elect in a business course bookkeeping, commercial arithmetic, commercial law, penmanship, stenography, typewriting; in mathematics, advanced algebra, solid geometry, analytical geometry, and trigonometry; in advanced science, work in botany, zoology, physics, chemistry, and drawing.

Of the fifteen periods of prepared work, the course prescribes ten periods the first year, eleven periods the second year,

seven periods the third year, and seven periods the fourth year. The pupil has the privilege of selecting from the list of elective studies subjects whose recitation periods each week, or their equivalents, when added to the required prepared work, shall equal the necessary fifteen periods.

Concerning admission, sessions, etc., see Latin school.

A simple, healthful, inexpensive lunch is served at the recess midway of each session to pupils desiring it.

Manual Training. Three rooms are fitted and equipped in the basement of the English high school for its manual training department. The course includes carpentry, wood-turning, and carving, clay modeling, pattern making, moulding, and casting. A fourth room is devoted to mechanical drawing, with a full course. Manual training has not been extended to include grammar schools.

The sub-master in charge of the manual training department is paid \$1,700, and his assistants \$1,700, \$1,300, and \$800.

Sewing. Sewing is taught to the girls in the fifth, sixth, seventh, and eighth grammar grades in weekly lessons of about one hour each.

Three special teachers are employed at salaries of \$650.

Music. Instruction in music is given exclusively in the high schools and in part in the three upper grammar grades by a specialist, who is paid \$1,700. The books used are "The Euterpean," "The Cecilian Series of Music and Song," Nos. 2, 3, and 4, and "The Laurel Song Book."

In the six lower grades musical instruction is given by the regular grade teacher, under the supervision of a specialist, who visits each class once every fifteen days. She is paid \$900. The Normal System of Music, with its books and charts, is used.

Gymnastics. In elementary grades the Ling system of Swedish gymnastics is practiced daily. No special teacher is employed.

Recesses. The Latin school has two brief recesses, breaking the daily session into thirds. The English school has a single recess at the end of the third period.

The four lower elementary grades have a five-minute recess midway of each session. The five upper grammar grades have no recess, though no unreasonable physical restraint is placed upon any pupil.

No detention of pupils is allowed at noon, and but a half-hour's detention at the close of the afternoon session, "for wilful neglect of duty only."

Corporal Punishment. Corporal punishment, "which includes any infliction of physical pain or application of physical force," is not prohibited. It must, however, not be administered until twenty-four hours after the offence, the approval of the

principal being first obtained. Each case must be reported in detail to the superintendent. There were 270 cases in 1900, 284 in 1901, 328 in 1902, 299 in 1903, 293 in 1904, and 339 in 1905.

Drawing. Two teachers of drawing are employed in the English high school at salaries of \$1,000 and \$600. In that school freehand drawing is compulsory for first-year pupils, and elective for all others. Drawing is not taught in the Latin school. A few Latin school pupils take drawing in the English school.

In the primary grades daily lessons, and in the grammar grades semi-weekly lessons are given by the regular teacher, under the direction of a supervisor, who visits each class once a month, and is paid \$1,000.

The course includes pictorial drawing from nature, models, and objects; structural drawing from type solids; decorative drawing, designing, and color work, historic ornament and picture-study. No drawing books are used. Colored crayons are provided in primary grades, and water-colors and brush in grammar grades.

Penmanship. Intermedial slant writing is taught in the elementary schools, the Whitehouse system being used. The supervisor visits each class once in four weeks, and receives \$1,500.

Student Teachers. At the present time two student teachers are employed in the Latin school, and two in the English. Each serves without pay, under the direction of the head master.

The Public Library. The English school has a working library of 1,200 volumes, but it draws constantly on the public library, located in an adjoining building.

For many years there has been a constant use of the library by school children. Circulating libraries of fresh books are in use in the smaller buildings. Books are delivered and collected each week at the large grammar schools. As far as they can, the teachers aid in the selection of books by the children, and the librarian and his assistants cheerfully render all the help in their power.

Evening Schools. An evening high school is maintained in the English high school building on four evenings a week, from 7.30 to 9.30. The principal is paid \$6, and his assistants \$4, \$3, \$2, and \$1.50. Any high school study, and freehand and mechanical drawing, may be pursued.

Elementary evening schools are open in the Prescott, Bell, Forster, and Highland buildings from October 1 on four evenings a week, from 7.30 to 9.30. The length of the term is dependent on the interest and attendance. The course of study followed is that prescribed by the statute. Principals receive \$3 or \$4, and assistants \$2, \$1.50, or \$1 each evening.

Truants. The city employs one active truant officer, who is paid \$1,100 and the board of his horse. Truants are sent to the county truant school at North Chelmsford. There are now eight truants from Somerville in the school.

Janitors. These important officers are appointed by the commissioner of public buildings, and are under his direction and that of the school principal.

Supervision. The superintendent of schools is the executive officer of the board, and upon him devolves the general management of the schools under its direction. He serves as the secretary of the board and as supply agent. His salary is \$3,000, and he is allowed a clerk, who receives \$750. His office is in the city hall annex, and his hours are from 4 to 5 each school day, and from 8 to 9 on Saturday. His office is open from 8 to 12 and from 1.30 to 5 on school days, and from 8 to 10 on Saturday.

The meetings of the school board are held on the last Monday evening of each month, except July, August, and December, at 8.15 o'clock.

CONTENTS OF APPENDIX.

Concerning Finance.

No. of Table

1. Schedule of school property
2. Cost of maintaining schools, 1905
3. Cost per capita of maintaining schools, 1905
4. Cost of maintaining schools for a series of years
5. Cost per capita for maintaining schools for a series of years
6. Amount spent annually for new school buildings and for repairs for a series of years

Concerning Pupils.

7. Population and school census
8. Attendance, etc., of the schools for 1905
9. Statistics of the high schools, for school year 1904-1905
10. Pupils by grades, December, 1905
11. Separate statistics for grammar and primary schools, 1905.
12. Admissions to first grade in September
13. Number of grammar school graduates, 1905
14. Truant statistics
15. Evening school statistics, 1904-1905
16. Grammar school graduates for a series of years
17. Attendance statistics of all schools for a series of years.
18. Statistics of the high school for a series of years
19. Promotions, 1905

Concerning Teachers.

20. Resignations of teachers, 1905
21. Teachers elected in 1905
22. Leave of absence of teachers
23. Transfers of teachers
24. Number of teachers employed for a series of years

Miscellaneous.

25. Changes in text-books, 1905
26. High school graduation exercises, 1905
27. Grammar school graduation exercises, 1905
28. Organization of school board for 1906
29. Teachers in service January, 1906
30. Officers in service January, 1906
31. School janitors

TABLE 1.—SCHOOLHOUSES.

	NAME.	No. of Classrooms.	Size of Lot.	Valuation, including Furniture.	When built.	No. of years used.	Enlargements..
1	Latin High . . .	a13	.....	\$62,000	1871	33	
2	English High . . .	b19	.....	137,600	1895	9	
3	Prescott	12	22,000	66,250	1867	37	
4	Knapp	12	24,517	50,340	1889	15	4 rooms added 1894
5	Pope	12	27,236	80,860	1891	13	
6	Bell	12	22,262	45,340	1874	30	
7	Edgerly	12	24,000	44,250	1871	33	{ 4 rooms added 1882 4 rooms added 1892
8	Glines	14	28,800	80,800	1891	13	5 rooms added 1896
9	Forster	18	30,632	85,350	1866	38	6 rooms added 1899
10	Bingham	16	35,586	60,000	1886	18	{ 4 rooms added 1894 8 rooms added 1904
11	Carr	16	20,450	53,800	1898	6	
12	Morse	12	29,000	48,200	1869	35	6 rooms added 1890
13	Highland	12	23,260	60,560	1880	24	4 rooms added 1891
14	Hodgkins	14	35,034	71,550	1896	8	
15	Bennett	12	17,000	59,248	1902	2	
16	Proctor	9	.....	41,029	1905	1	
17	Burns	8	16,080	34,700	1886	18	4 rooms added 1899
18	Lowe	8	21,650	51,826	1903	1	
19	Hanscom	6	12,756	49,580	1897	7	
20	Baxter	6	11,000	32,956	1901	3	
21	Perry	6	46,080	37,000	1899	5	
22	Brown	6	20,093	39,690	1901	3	
23	Davis	4	30,155	22,720	1884	20	
24	Cummings	4	11,300	11,920	1884	20	
25	Durell	4	13,883	19,720	1894	10	
26	Lincoln	4	17,662	18,220	1885	19	
	Total	269	.....	\$1,365,509	....	..

(a) Including six recitation rooms. There are also a physical laboratory and three teachers' rooms.

(b) A chemical, a physical, a biological laboratory, a recitation room, a lecture hall, drawing room, two teachers' rooms, library, and principal's office. Four manual training rooms and lunch room in basement.

The biological and physical laboratories and the lecture hall furnish four classrooms.

TABLE 2.—COST OF MAINTAINING SCHOOLS, 1905.

SCHOOLS.	Teachers.	Care.	Supplies.	Total.
Latin High . . .	\$16,840 00	\$1,816 25	\$1,710 95	\$20,367 20
English High . . .	40,171 15	3,347 33	4,704 97	48,223 45
Prescott	11,057 28	1,582 64	560 82	13,200 74
Knapp	10,776 44	1,663 08	693 40	13,132 92
Pope	10,478 52	1,817 25	598 93	12,894 70
Bell	10,407 20	1,530 62	858 41	12,796 23
Edgerly	10,741 42	1,481 09	782 16	13,004 67
Glines	12,760 97	2,447 48	707 44	15,915 89
Forster	14,464 26	2,607 41	723 15	17,794 82
Bingham	13,158 51	1,892 68	728 11	15,779 30
Carr	13,783 79	2,157 53	750 90	16,692 22
Morse	10,842 07	1,814 83	976 25	13,633 15
Highland	10,246 34	1,818 33	957 80	13,022 47
Hodgkins	11,908 03	1,592 33	865 32	14,365 68
Bennett	9,595 32	1,557 97	297 20	11,450 49
Burns	6,559 82	1,179 97	403 88	8,143 67
Proctor	2,299 17	325 95	1,379 01	4,004 13
Lowe	5,750 08	1,077 41	304 35	7,131 84
Hanscom	4,677 78	978 30	277 39	5,933 47
Baxter	4,565 51	906 27	265 44	5,737 22
Perry	4,253 41	1,065 82	173 73	5,492 96
Brown	4,330 61	1,019 58	310 50	5,660 69
Davis	2,835 25	829 33	94 72	3,759 30
Cummings	2,865 49	783 75	189 31	3,838 55
Durell	2,895 25	748 92	161 50	3,805 67
Lincoln	2,940 45	686 29	181 59	3,808 33
Evening	8,393 00	3,214 48	479 59	12,087 07
Totals	\$259,597 12	\$41,942 89	\$20,136 82	\$321,676 83

TABLE 3.—PER CAPITA COST OF MAINTAINING SCHOOLS, 1905.

SCHOOLS.	Teachers.	Care.	Supplies.	Total.
Latin High . . .	\$40 29	\$4 34	\$4 09	\$48 72
English High . . .	48 57	4 05	5 69	58 31
Prescott	19 13	2 74	97	22 84
Knapp	19 70	3 04	1 27	24 01
Pope	20 15	3 49	1 15	24 79
Bell	19 94	2 93	1 64	24 51
Edgerly	19 42	2 68	1 41	23 51
Glines	20 38	3 91	1 13	25 42
Forster	20 12	3 63	1 01	24 76
Bingham	20 00	2 88	1 11	23 99
Carr	19 22	3 01	1 05	23 28
Morse	19 50	3 26	1 76	24 52
Highland	19 97	3 54	1 87	25 38
Hodgkins	19 75	2 64	1 44	23 83
Bennett	19 42	3 15	60	23 17
Burns	17 45	3 14	1 07	21 66
Proctor	15 86	2 25	3 81	21 92
Lowe	15 46	2 90	82	19 18
Hanscom	16 36	3 42	97	20 75
Baxter	17 36	3 45	1 01	21 82
Perry	16 61	4 16	68	21 45
Brown	15 69	3 69	1 13	20 51
Davis	15 93	4 66	53	21 12
Cummings	17 37	4 75	1 15	23 27
Durell	16 00	4 14	89	21 03
Lincoln	15 16	3 54	94	19 64
High schools	\$45 79	\$4 15	\$5 15	\$55 09
Gram. and primary . .	19 67	3 57	1 33	24 57
All schools	22 50	3 63	1 74	27 87
Gram. and prim. with- out evening schools . .	18 86	3 26	1 29	23 41
All schools without evening schools . . .	21 76	3 36	1 70	26 82

TABLE 4.—ANNUAL COST OF MAINTAINING THE SCHOOLS
FOR A SERIES OF YEARS.

Amounts are given to the nearest dollar and include what has been paid for maintaining day and evening schools of all grades.

YEAR.	Average Membership.	Instruction and Supervision.	Water and Light.	Heating.	Janitors.	School Supplies.	Total.
1885	4,904	\$79,506	\$728	\$4,965	\$4,000	\$8,449	\$97,648
1886	4,985	83,542	624	4,929	4,194	6,676	99,865
1887	5,198	86,713	765	6,475	5,084	7,526	106,563
1888	5,488	88,967	953	7,121	5,892	7,421	110,354
1889	5,956	96,466	805	6,081	6,448	9,903	119,703
1890	6,486	104,184	1,004	5,586	7,539	10,371	128,684
1891	6,502	114,066	1,047	8,032	8,544	13,899	145,588
1892	7,035	124,232	1,064	7,148	9,794	12,944	155,183
1893	7,217	128,720	1,014	8,312	10,160	10,137	158,333
1894	7,212	132,919	958	9,673	10,686	10,919	165,155
1895	7,617	144,113	1,398	8,796	11,581	15,063	180,951
1896	8,077	161,551	1,469	9,962	14,160	17,601	204,743
1897	8,589	180,222	1,920	10,065	16,251	14,815	223,273
1898	9,085	189,244	2,075	9,767	17,393	14,986	233,465
1899	9,502	197,660	2,472	10,821	17,831	16,131	244,915
1900	9,823	212,863	1,729	10,840	19,236	15,735	260,403
1901	9,991	226,556	1,731	13,723	20,078	18,707	280,796
1902	10,402	234,210	1,803	10,489	20,859	19,386	286,747
1903	10,719	242,964	2,015	18,052	21,042	20,873	304,946
1904	11,094	255,481	1,436	15,315	22,024	21,648*	315,904
1905	11,543	259,597	4,345	15,167	21,949	20,619*	321,677

*Including cost of telephones.

TABLE 5.—ANNUAL COST PER CAPITA OF MAINTAINING SCHOOLS

FOR A SERIES OF YEARS.

[Based on the average membership.]

YEAR.	Instruction and Supervision.	Janitors, Water, Heat, and Light.	School Supply Expenses.	Total.	Assessors' Valuation of City.	Ratio of Cost of School Maintenance to Valuation.
1885	\$16 21	\$1 98	\$1 72	\$19 91	\$24,878,400	.00392
1886	16 76	1 94	1 34	20 03	26,003,200	.00384
1887	16 68	2 37	1 45	20 50	27,469,300	.00388
1888	16 21	2 54	1 36	20 11	28,756,400	.00384
1889	16 20	2 24	1 66	20 10	30,004,600	.00399
1890	16 06	2 18	1 60	19 84	32,557,500	.00395
1891	17 54	2 71	2 14	22 39	36,843,400	.00395
1892	17 66	2 56	1 84	22 06	38,093,100	.00407
1893	17 84	2 70	1 40	21 94	41,773,600	.00379
1894	18 43	2 96	1 51	22 90	44,142,900	.00374
1895	18 92	2 86	1 98	23 76	46,506,300	.00390
1896	20 00	3 17	2 18	25 35	49,013,050	.00418
1897	20 98	3 29	1 73	26 00	50,173,775	.00444
1898	20 83	3 22	1 65	25 70	50,739,700	.00460
1899	20 80	3 28	1 70	25 78	51,202,350	.00478
1900	21 67	3 24	1 60	26 51	52,513,400	.00496
1901	22 67	3 56	1 87	28 10	53,924,200	.00521
1902	22 52	3 19	1 86	27 57	55,485,370	.00517
1903	22 67	3 84	1 95	28 46	56,981,360	.00535
1904	23 03	3 52	1 93	28 48	58,056,700	.00544
1905	22 50	3 63	1 74	27 87	59,146,600	.00544

TABLE 6.—AMOUNT SPENT ANNUALLY FOR ALL SCHOOL PURPOSES

FOR A SERIES OF YEARS.

YEAR.	For New Schoolhouses.	For Repairs and Permanent Improvements.	For Maintaining Schools.	Amount Spent for all School Purposes.
1885	\$19,185	\$7,052	\$97,648	\$113,885
1886	15,515	8,706	99,865	114,086
1887	14,839	13,636	106,563	135,038
1888	4,996	13,994	110,354	129,344
1889	20,167	14,225	119,703	154,095
1890	75,775	19,168	128,684	223,627
1891	84,902	14,847	145,588	245,337
1892	12,679	17,734	155,183	176,001
1893	22,809	12,440	158,333	193,582
1894	82,206	44,764	165,155	292,125
1895	87,680	15,651	180,951	284,282
1896	61,016	33,240	204,743	298,999
1897	46,621	20,507	223,273	290,400
1898	49,983	21,274	233,465	304,722
1899	72,516	15,637	244,915	333,068
1900	51,232	21,745	260,403	333,380
1901	49,203	11,000	280,796	340,999
1902	56,501	13,079	286,747	356,327
1903	59,822	12,261	304,946	377,029
1904	23,703	18,209	315,904	357,816
1905	51,987	8,306	321,677	381,970

TABLE 8.— ATTENDANCE OF THE PUBLIC SCHOOLS, 1905.

Rooms Occupied in December.	SCHOOLS.	Annual Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	No. Attending in January.	No. Attending in December.	Average No. to Classroom in December.
12	Latin High	443	418	402	96.1	418	444	37.0
19	English High	848	827	790	95.4	795	917	27.8
12	Prescott	761	578	546	94.5	588	594	50.7
12	Knapp	683	547	521	95.3	570	555	46.3
12	Pope	612	520	493	94.8	534	554	46.2
12	Bell	612	522	498	95.3	522	518	43.2
12	Edgerly	638	553	522	94.4	564	559	46.6
14	Glines	820	626	592	95.1	659	603	43.1
18	Forster	854	719	674	93.7	752	744	41.2
16	Bingham	814	658	623	94.8	668	690	43.1
16	Carr	891	717	671	93.6	753	707	45.2
12	Morse	713	556	527	95.0	589	553	46.0
12	Highland	580	513	486	94.7	538	536	44.0
14	Hodgkins	739	603	574	95.3	595	630	45.7
12	Bennett	674	494	457	92.6	495	510	41.5
8	Burns	508	376	349	92.7	402	363	45.5
8	Proctor*	84	362	344	94.8		373	46.6
8	Lowe	518	372	345	92.7	385	379	47.3
6	Hanscom	400	286	267	93.7	282	290	48.0
6	Baxter	364	263	248	94.5	256	284	47.3
6	Perry	346	256	243	94.8	257	281	46.8
6	Brown	377	276	258	93.6	283	286	47.7
4	Davis	253	178	168	93.9	185	187	46.8
4	Cummings	228	165	152	92.0	168	174	43.0
4	Durell	252	181	171	94.7	187	190	47.5
4	Lincoln	284	194	183	94.3	206	197	49.3
269	Total	14,296	11,543	10,897	94.4	11,652	12,118	45.2
262	Total for 1904	13,804	11,094	10,422	93.9	11,128	11,787	48.2

*For four months.

TABLE 9.—STATISTICS OF HIGH SCHOOLS FOR SCHOOL YEAR, SEPTEMBER 7, 1904, TO JUNE 30, 1905.

	Latin.	English.
Number of teachers	13	35
Number of days school kept	186	186
Number enrolled	430	867
Average number belonging	411	784
Average daily attendance	396	749
Per cent. of attendance	96.1	95.6
Tardiness	234	305
Dismissals	269	260
In Class I. September, 1904	138	285
June	124	239
Per cent. of loss	10	16.1
In Class II. September, 1904	112	227
June	106	203
Per cent. of loss	5.4	10.5
In Class III. September, 1904	90	166
June	83	145
Per cent. of loss	7.7	12.6
In Class IV. September, 1904	82	150
June	80	141
Per cent. of loss	2.4	6
Special students, September, 1904		18
June		7
Total, September, 1904	422	846
June	393	735
Per cent. of loss	6.9	13.1
Number of graduates, male	40	55
Number of graduates, female	36	80
Total	76	135
Average age, male	18-10	19-1
Average age, female	18-9	18-9
Number entering college	46	3
Number of graduates entering technical schools		9
Number of graduates entering normal schools	2	2
Cost of instruction	\$16,566 00	\$39,634 00
Cost of supplies and equipment	1,254 08	4,651 77
Total cost	17,820 08	44,285 77
Per capita cost of instruction	40 31	50 56
Per capita cost of supplies and equipment	3 05	5 93
Total cost per capita	43 36	56 49

TABLE 10.—PUPILS BY GRADES, 1905.

SCHOOL.	GRADE.	TEACHERS.			PUPILS.			Average Age.		Never in School Before.	From Other City Schools.	From Other Schools.
		Men.	Women		Boys.	Girls.	Total.	Years.	Months.			
			Regular.	Assistants.								
Latin	Thirteenth . . . . .	...	...	...	40	53	93	18	2	.....	4	5
"	Twelfth . . . . .	...	...	...	37	55	92	17	0	.....	5	3
"	Eleventh . . . . .	...	...	...	41	79	120	16	5	.....	2	4
"	Tenth . . . . .	...	...	...	53	86	139	15	3	.....	127	12
	Total	5	8	.....	171	273	444	..	.....	.....	138	24
English	Special . . . . .	...	...	...	3	11	14	19	5	.....	6	.....
"	Thirteenth . . . . .	...	...	...	51	89	140	18	5	.....	.....	1
"	Twelfth . . . . .	...	...	...	84	105	189	17	4	.....	10	4
"	Eleventh . . . . .	...	...	...	100	124	224	16	6	.....	4	11
"	Tenth . . . . .	...	...	...	153	197	350	15	6	.....	351	29
	Total	10	25	.....	391	526	917	.....	.....	.....	371	45
	Total high school	15	33	.....	562	799	1,361	.....	.....	.....	.....	.....
Grammar	Ninth	10	19	.....	312	378	690	14	8	.....	40	36
"	Eighth . . . . .	...	20	.....	422	495	917	13	9	.....	64	68
"	Seventh . . . . .	...	21	.....	484	483	967	12	10	.....	160	79
"	Sixth . . . . .	...	28	.....	590	562	1,152	11	11	.....	260	109
"	Fifth . . . . .	...	27	.....	627	562	1,189	10	11	.....	339	158
"	Fourth . . . . .	...	28	...	638	636	1,274	9	9	.....	252	173
	Total grammar	10	143	.....	3,073	3,116	6,189	.....	.....	.....	1,115	623
Primary	Third . . . . .	...	31	.....	667	669	1,336	8	7	.....	274	178
"	Second . . . . .	...	31	.....	756	700	1,456	7	5	17	306	200
"	First . . . . .	...	34	3	841	740	1,581	6	2	1,174	165	227
	Total primary . . . . .	...	96	3	2,264	2,109	4,373	.....	.....	1,191	845	605
	Total grammar and primary	10	239	3	5,337	5,225	10,562	.....	.....	1,191	1,960	1,228
	Kindergarten . . . . .	...	4	4	94	101	195	4	7	.....	.....	.....
	Special teachers	2	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Grand totals	27	281	7	5,993	6,125	12,118	...	.....	1,191	2,331	1,273

TABLE 11.—PUPILS IN HIGH AND GRAMMAR SCHOOLS.

	High Schools.	Grammar and Primary Schools.	Kinder- gartens.	Total.
Annual enrollment	1,291	13,005	412	14,708
Average membership	1,245	10,298	195	11,738
Average attendance	1,192	9,705	174	11,071
Per cent. of attendance	95.7	94.2	89.2	94.3
Number cases of tardiness	609	3,137	...	3,746
Number cases of dismissal	515	1,949	...	2,464
Number cases of punishment . . . . .	...	337	...	337
Membership, January, 1905	1,213	10,439	190	11,842
Membership, December, 1905	1,361	10,562	195	12,118

TABLE 12.—NUMBER OF PUPILS ADMITTED TO GRADE I.
IN SEPTEMBER.

SCHOOL.	1901.	1902.	1903.	1904.	1905.	SCHOOL.	1901.	1902.	1903.	1904.	1905.
Prescott	49	69	53	63	78	Forster	80	77	65	76	48
Hanscom	42	41	75	38	47	Bingham	78	84	74	78	80
Davis	37	43	50	42	42	Carr	61	44	59	59	59
Bennett	41	73	98	92	36	Morse	75	76	78	67	56
Baxter	34	35	27	38	53	Proctor . . . . .	.....	.....	.....	.....	49
Knapp	40	38	38	50	43	Durell	40	44	33	38	45
Perry	48	42	49	50	58	Burns	68	71	57	58	50
Pope	26	37	37	40	33	Brown	40	56	33	26	42
Bell	34	37	36	38	36	Highland	44	51	.....	.....	.....
Cummings	31	39	40	37	43	Hodgkins	70	61	33	51	43
Ederly	36	51	33	40	34	Lincoln	25	35	40	38	40
Glins	70	80	65	48	70	Lowe . . . . .	.....	.....	95	89	89

TABLE 13.—GRAMMAR SCHOOL GRADUATES, 1905.

SCHOOLS.	Number receiving Diplomas.	Number certificated for High School.		Number entering Latin School.		Number entering English School		Total.	
		Conditionally.	Unconditionally.	Conditionally.	Unconditionally.	Conditionally.	Unconditionally.	Conditionally	Unconditionally
Prescott . . .	40	3	36	1	5	4	15	5	20
Knapp . . .	48	2	45	0	8	2	24	2	32
Pope . . .	42	7	35	3	5	4	17	7	22
Bell . . .	40	0	40	0	11	0	23	0	34
Edgerly . . .	47	11	36	0	6	2	26	2	32
Glines . . .	36	5	29	0	5	2	16	2	21
Forster . . .	74	15	56	4	27	7	30	11	57
Bingham . . .	31	3	27	0	0	1	19	1	19
Carr . . .	58	9	46	0	8	4	26	4	34
Morse . . .	44	10	34	0	9	6	21	6	30
Highland . . .	85	11	73	0	15	7	51	7	66
Hodgkins . . .	61	7	53	2	15	3	29	5	44
Total . . .	606	83	510	10	114	42	297	52	411

TABLE 14.—TRUANT STATISTICS.

	1900.	1901.	1902.	1903.	1904.	1905.
Number visits of officer to schools	501	470	435	525	429	567
Absences investigated	470	502	384	521	387	514
Cases of truancy	105	106	163	152	146	150
Truants arrested	6	8	..	24	8	7
Sent to truant school	4	9	6	9	5	4
Number now in truant school	4	10	9	5	5	8

TABLE 15.—ATTENDANCE IN ELEMENTARY EVENING SCHOOLS, SEASON OF 1904-1905.

		Prescott.	Bell.	Forster.	Highland.	Total.
Enrolled . . .	Male	61	334	78	83	556
	Female	18	88	41	44	191
	Total	79	422	119	127	747
Ave. membership .	Male	45	197	31	37	303
	Female	14	54	15	25	103
	Total	59	251	46	62	406
Ave. attendance .	Male	34	152	24	26	231
	Female	12	42	12	19	81
	Total	46	194	36	45	329
Per cent. Att. out of No. belonging . . .	. . .	78.0	77.3	78.3	72.6	81.0
	Per cent. Att. out of enrollment	58.2	46.0	30.3	35.4	44.0
Ave. No. of teachers	Male	2	2	1	2	7
	Female	2	18	3	2	25
	Total	4	20	4	4	32
No. of sessions .	. . .	79	79	79	63	300
Teachers, cost of . Janitors, supplies, and light, cost of . . .	. . .	\$682 50	\$2,898 50	\$594 00	\$632 00	\$4,807 00
	. . .	182 21	568 77	351 75	178 36	1,281 09
	Total	\$864 71	\$3,467 27	\$945 75	\$810 36	\$6,088 09
Cost per pupil per evening Cost per evening Cost per pupil in ave. membership Cost per pupil in ave. attendance . . . . .	. . .	\$0 238	\$0 226	\$0 332	\$0 285	\$0 247
	. . .	10 95	43 89	11 97	12 86	81 17
	. . .	14 66	13 81	20 56	13 07	15 00
	. . .	18 80	17 87	26 27	18 01	19 45

Average attendance:— October . . . 417 November . . . 399
 December . 316 January . 266 February . 208

TABLE 15 (Concluded).—Evening High School, Season of 1904-1905.

	Male.	Female.	Total.
Enrolled	454	308	762
Average membership.....	236	200	436
Average attendance.....	128	96	224
Number of teachers.....	11	9	20

Number of sessions, High School.....	74
Number of sessions, Drawing.....	39
Cost of instruction.....	\$4,243.00
Cost of supplies, janitors, and light.....	2,456.37
Total cost.....	\$6,699.37
Cost per pupil per evening.....	0.404

Average attendance:—

High School.		Drawing School	
October	291	October	96
November	245	November	92
December	166	December	81
January	116	January	71
February	92	February	62

Statistics of Evening Schools for a Series of Years.

	No. Sessions.	Enrollment.	Average Attendance.	Cost.	Cost Per Pupil Per Evening.	
High*	1900-1901 . .	48	192	79	\$1,433	\$0 378
	1901-1902 . .	46	211	99	1,424	0 316
	1902-1903 . .	47	178	78	1,331	0 379
	1903-1904 . .	48	191	74	1,378	0 388
	1904-1905 . .	74	762	262	6,699	0 404
Elementary	1900-1901 . .	74†	612	220	\$3,809	\$0 232
	1901-1902 . .	75	700	260	5,452	0 279
	1902-1903 . .	86	741	264	5,857	0 257
	1903-1904 . .	92	859	333	7,286	0 237
	1904-1905 . .	75	747	329	6,088	0 247

*Drawing school only until 1904-1905.

†Average of four schools.

TABLE 16.—GRAMMAR SCHOOL GRADUATES

FOR A SERIES OF YEARS.

YEAR.	Prescott.	Bell.	Forster.	Morse.	Highland.	Egerly.	Pope.	Knapp.	Hodgkins	Glines.	Carr.	Bingham.	Total.	Average Membership of Grammar and Primary Schools.	Per cent. of Average Membership	Entered High School.	Per cent. Entering of those Graduating.
1885	51	73	28	30	29								211	4,584	4.60	155	73.46
1886	60	66	26	23	22								197	4,635	4.25	133	67.51
1887	52	67	28	37	37								221	4,849	4.56	146	66.06
1888	54	64	34	41	50								243	5,109	4.75	156	64.19
1889	59	91	48	42	41								281	5,568	5.04	169	60.14
1890	54	106	45	56	57								318	6,062	5.24	184	57.86
1891	44	73	41	55	44	39							296	6,035	4.90	199	67.23
1892	41	36	75	49	45	49	39						370	6,525	5.67	228	61.62
1893	40	60	48	63	67	46	36						398	6,674	5.97	240	60.30
1894	39	29	79	66	68	41	35	32					389	6,600	5.89	253	65.04
1895	36	32	58	63	73	42	36	34					374	6,955	5.37	255	68.18
1896	38	34	72	38	70	46	37	35	45	27			370	7,201	5.13	281	76.00
1897	34	39	50	48	41	29	30	25					368	7,602	4.84	273	74.19
1898	36	43	31	46	36	50	36	28					382	8,029	4.75	281	73.56
1899	37	50	62	48	49	40	34	34	39	35	38		468	8,351	5.60	345	73.72
1900	36	45	43	31	43	47	44	34	42	36	33		434	8,689	4.99	317	73.00
1901	34	38	70	43	72	47	43	38	41	35	36		497	8,811	5.64	372	74.80
1902	41	48	61	45	67	46	35	31	32	40	51		497	9,328	5.33	350	70.40
1903	34	45	62	35	65	51	28	34	52	31	47		484	9,362	5.17	354	73.14
1904	31	35	84	46	79	44	36	38	40	36	43		512	9,739	5.26	367	71.68
1905	40	40	74	44	85	47	42	48	61	36	58	31	606	10,298	5.88	463	76.40
	891	1,114	1,119	949	1,140	664	508	488	393	313	306	31	7,916	148,937	5.31	5,461	68.99

TABLE 17. — ATTENDANCE STATISTICS

FOR A SERIES OF YEARS.

DECEMBER.	ENROLLMENT.	Average Membership.	Average Attendance.	Per cent. of Attendance.	Number of Tardinesses.	Ratio of Tardiness to Average Attendance.
1885	6,276	4,904	4,627	94.4	2,480	0.536
1886	6,350	4,985	4,678	93.8	2,834	0.606
1887	6,605	5,198	4,879	93.8	2,699	0.553
1888	7,262	5,488	5,174	94.0	2,938	0.549
1889	7,757	5,956	5,585	93.8	2,780	0.498
1890	7,878	6,485	6,075	93.6	3,133	0.516
1891	8,510	6,502	6,091	93.7	3,182	0.522
1892	9,120	7,035	6,608	93.9	3,181	0.481
1893	9,632	7,217	6,790	94.1	3,375	0.497
1894	9,387	7,212	6,840	94.8	3,000	0.419
1895	9,913	7,617	7,255	95.2	2,736	0.377
1896	10,582	8,077	7,663	94.9	2,743	0.358
1897	11,293	8,589	8,144	94.8	2,486	0.305
1898	11,577	9,085	8,636	95.1	2,941	0.341
1899	11,975	9,502	8,965	94.3	2,566	0.286
1900	12,345	9,823	9,174	93.4	2,759	0.300
1901	12,499	9,991	9,350	93.6	2,937	0.294
1902	13,116	10,462	9,733	93.5	3,335	0.343
1903	13,475	10,719	10,056	93.9	3,428	0.342
1904	13,804	11,094	10,422	93.9	3,887	0.373
1905	14,296	11,543	10,897	94.4	3,746	0.344

TABLE 18.—MEMBERSHIP, ETC., OF HIGH SCHOOL

FOR A SERIES OF YEARS.

YEAR.	Average Membership all Schools.	Largest Number in High School.	Per cent. of Average Membership of all Schools.	Number of Graduates of High School.	Per cent. of Average Membership of all Schools.
1867	2,157	119	5.51	7	0.32
1868	2,285	141	6.17	17	0.75
1869	2,480	158	6.37	25	1.01
1870	2,639	165	6.25	16	0.65
1871	2,549	161	6.31	33	1.29
1872	2,799	186	6.64	21	0.75
1873	3,217	190	5.91	28	0.87
1874	3,265	198	6.06	26	0.79
1875	3,515	213	6.06	31	0.88
1876	3,712	226	6.09	33	0.81
1877	3,788	227	5.91	37	0.98
1878	3,992	250	6.26	31	0.78
1879	4,169	246	5.90	34	0.82
1880	4,278	254	5.93	27	0.63
1881	4,064	256	6.29	34	0.84
1882	4,263	280	6.57	33	0.77
1883	4,438	278	6.26	43	0.97
1884	4,804	315	6.55	46	0.96
1885	4,904	385	7.85	46	0.94
1886	4,985	374	6.70	56	1.12
1887	5,198	387	7.44	53	1.02
1888	5,488	435	7.92	60	1.09
1889	5,956	444	7.45	67	1.12
1890	6,485	487	7.51	60	0.93
1891	6,502	535	8.23	68	1.05
1892	7,035	577	8.20	80	1.14
1893	7,217	626	8.67	82	1.14
1894	7,274	691	9.50	111	1.52
1895	7,617	775	10.17	92	1.21
1896	8,077	858	10.62	119	1.47
1897	8,589	885	10.31	121	1.59
1898	9,085	890	9.80	130	1.43
1899	9,502	985	10.70	137	1.49
1900	9,823	1,031	10.49	131	1.33
1901	9,991	1,098	10.99	152	1.52
1902	10,402	1,138	10.94	164	1.58
1903	10,719	1,208	11.27	181	1.70
1904	11,094	1,286	11.60	179	1.61
1905	11,543	1,372	11.89	211	1.83

TABLE 19.—PROMOTIONS FOR SCHOOL YEAR ENDING JUNE 30, 1905.

GRADE.	On June Promotion List.	Unconditionally Promoted to Next Grade.	Promoted on Trial.	Left Behind.	Promoted more than One Grade.	Special Promotions between September and June.	Promotees Dropped back after Three Months' Trial.
I	1,551	1,166	89	288	8	1	4
II	1,382	1,110	102	160	10	4	12
III	1,219	992	126	101	..	1	16
IV	1,236	975	136	125	..	5	12
V	1,166	922	143	101	..	5	4
VI	1,059	768	156	116	19	15	11
VII	960	741	132	85	2	..	20
VIII	785	541	147	96	1	2	12
IX	614	511	83	20	..	1	3
Total	9,972	7,726	1,114	1,092	40	34	94

Percentage of Promotions for School Year Ending June 30, 1905.

GRADE.	On June Promotion List.	Unconditionally Promoted to Next Grade.	Promoted on Trial.	Left Behind.	Promoted more than One Grade.	Special Promotions between September and June.	Promotees Dropped back after Three Months' Trial.
I	100	75.2	5.7	18.6	0.5	0.1	4.5
II	100	80.3	7.4	11.6	0.7	0.3	11.8
III	100	81.4	10.3	8.3	....	0.1	12.7
IV	100	78.9	11.0	10.1	....	0.5	8.8
V	100	79.1	12.3	8.6	....	0.4	2.8
VI	100	72.5	14.7	11.0	1.8	1.4	7.1
VII	100	77.2	13.7	8.9	0.2	....	15.2
VIII	100	68.9	18.7	12.3	0.1	0.3	8.2
IX	100	83.2	13.5	3.3	....	0.2	3.6
Total	100	77.5	11.2	10.9	0.4	0.3	8.4

TABLE 20.—RESIGNATIONS OF TEACHERS.

SCHOOL.	Teacher.	Resignation Took Effect.	In Service.
Latin High .	Edith M. Walker	June 29	2 years
English High.	Helen E. Harding	"	4 "
English High.	H. Adelaide Hamlin	Nov. 3	1 " 2 mos.
Prescott . .	Catherine T. Brown	Feb. 17	36 " 5 "
Hanscom . .	Lina F. Bates	June 29	8 "
Baxter . . .	Ethelyn M. Burton	"	5 "
Knapp . . .	Abby C. Hunt	"	31 "
Knapp . . .	Maude M. Mixer	"	3 "
Knapp . . .	Mary E. Stearns	"	6 "
Perry . . .	Mrs. M. B. McKusick	Jan. 27	7 " 4 "
Perry . . .	Erminnie A. French	June 29	7 " "
Perry . . .	Grace B. Tibbetts	Dec. 22	15 " 4 "
Pope	Mildred A. Peck	June 29	4 " "
Pope	Susan G. Meldrum	"	9 " "
Bell	E. Laurette Schuch	"	23 " "
Edgerly . .	Mary E. Coyle	"	7 " "
Glines . . .	Mary H. Brownrigg	"	5 " "
Glines . . .	Flora B. Rice	"	10 " "
Forster . . .	Grace M. Frederick	Jan. 13	1 " 4 "
Bingham . .	Beatrice Kendall	June 29	5 " "
Carr	Jane W. Hawkes	Jan. 20	6 months
Morse	Pauline S. Downes	June 29	33 years
Brown	Mabel A. Sherman	Dec. 22	1 " 4 mos.
Hodgkins . .	S. Elizabeth Hallowell	Dec. 3	4 " 3 "
Hodgkins . .	D. J. Titus	June 29	4 " "

TABLE 21.—TEACHERS ELECTED IN 1905.

SCHOOL.	Teacher.	Coming From	Began Service.	Salary.
Latin High . . .	Maud M. Cunningham	Holyoke	Sept. 6	\$850
English High . .	Ruth Tousey	Somerville	"	900
Prescott	Louise Townsend	Malden	"	650
Baxter	Elsie G. Ashton	Somerville	Nov. 6	500
Knapp	Nina M. Doanan	Somerville	Sept., '04	725
Knapp	Elizabeth G. Diman	Dedham	Sept. 6	700
Knapp	Harriet C. Hamilton	Somerville	"	650
Knapp	Daisy King	Everett	"	650
Knapp	Blanche L. Paine	Somerville	"	500
Pope	B. May Layman	Los Angeles	"	650
Pope	Lena F. Shaw	Brockton	"	650
Bell	Helen L. McGann	Somerville	"	525
Bell	Ada F. Smith	Somerville	"	650
Edgerly	G. Hortense Pentecost	Brockton	"	650
Glines	Mary A. Lawry	Everett	"	650
Glines	Blanche S. Hall	Brockton	"	650
Forster	Gertrude M. Sias	Boston	Jan. 16	575
Bingham	Bessie J. Baker	Malden	Sept. 6	650
Morse	Minnie A. Day	Chelmsford	"	650
Morse	Emma A. Gilman	Somerville	"	650
Durell	Ethel Worcester	Hingham	"	525
Burns	Emma B. Jones	Somerville	"	650
Proctor	Inez Dill	Somerville	"	525
Highland	Aaron B. Palmer	Lynn	"	1,800
Hodgkins	Beatrice A. Randall	Saugus	Apr. 3	650
Hodgkins	Etta M. Miller	Malden	Dec. 4	700
Hodgkins	Genieve R. Barrows	Malden	"	650
Lincoln	Annie H. Hall	Revere	Jan. 2, '06	650

ASSISTANTS APPOINTED, 1905.

Glines	Ida M. Kane
Hanscom	Fannie Hayden

TABLE 22.—LEAVE OF ABSENCE OF TEACHERS.

- Sept. 25. Nellie S. Dickey, for school year ending June 30, 1906.
 Sept. 25. Alice E. Jones, for school year ending June 30, 1906.
 Sept. 25. Jennie C. Frazier, for school year ending June 30, 1906.

TABLE 23.—TRANSFER OF TEACHERS.

TEACHERS.	From	To
Margaret D. Jack	Burns	Proctor
Clara S. Hammond	"	"
Nora F. Byard	Durell	"
Edith L. Hunnewell	"	"
Ella P. McLeod	Carr	"
Elizabeth T. Burrage	Burns	"
Abbie A. Gurney	Knapp	"
Elizabeth M. Collins	Bell	Hanscom
Catherine E. Sweeney	Baxter	Perry
Julia A. Mahoney	Knapp	Baxter
Lucia Alger	"	Bell
Abigail P. Hazelton	Morse	Durell

TABLE 24.—NUMBER OF TEACHERS

FOR A SERIES OF YEARS.

YEAR.	High School.	Grammar School.	Primary School.	Special Teachers.	Assistants not in charge of room.	Men.	Women.	Total.
1885	9	63	48	1	0	10	111	121
1886	9	62	48	1	0	9	111	120
1887	10	64	48	1	0	9	114	123
1888	10	66	52	4	7	9	130	139
1889	10	60	56	4	7	10	127	137
1890	10	78	58	5	7	12	146	158
1891	12	86	63	5	13	12	167	179
1892	13	90	67	5	10	12	173	185
1893	14	88	63	5	19	12	177	189
1894	15	91	66	6	11	12	177	189
1895	28	91	73	5	12	19	186	209
1896	30	102	74	6	14	22	208	230
1897	31	109	85*	6	18	22	227	249
1898	32	112	87*	7	13	23	229	252
1899	36	119	92*	7	9	23	240	263
1900	40	127	96*	7	6	24	249	273
1901	44 [†]	130	94*	7	8	26	257	283
1902	45 [†]	140	91*	7	9	26	266	292
1903	46 [†]	143	96*	7	14	25	281	306
1904	48 [‡]	152	98*	7	9	27	285	312
1905	48 [‡]	153	100*	7	7	27	288	315

*Including four kindergartners.

†Including two secretaries.

‡Including one secretary.

TABLE 25.—BOOKS AUTHORIZED FOR USE, 1905.**For Grammar and Primary Schools.**

Our Country's Story, Tappan.....Houghton, Mifflin, & Co.
 A History of Somerville, Mary A. Haley.
 A Historical Chart.....Atkinson, Mentzer, & Grover

For High Schools.

Melle's Contemporaneous French Writers.
 German Selections for Sight Translation, Mme. G. F. Mondan.
 Robinson der Jungere, Campe.
 Auf der Sonnenseite, Seidel and other writers.
 Eingeschneit, Emil Frommel.
 Der Schwiegersohn, Baumbach.
 The First Scientific French Reader, Bowen.
 A History Syllabus for Secondary Schools.....D. C. Heath & Co.
 Essentials of Business Law, Burdick.....D. Appleton & Co.

TABLE 26.—GRADUATION EXERCISES, 1905.**High Schools.**

The graduation exercises of the high schools occurred on Thursday, June 29, at the First Methodist Episcopal church, in the presence of a large audience of parents and friends.

The formal address to graduates was given by the Rev. William DeWitt Hyde, D. D., president of Bowdoin College.

At the close of the address, the chairman of the committee, F. A. P. Fiske, presented diplomas to the 211 members of the graduating classes.

Order of Exercises.

- Frederick A. P. Fiske, Chairman of School Board, presiding.
 †Overture. "Iolanthe." Sullivan
 Hadley's Orchestra.
1. †*Singing.
 Chorus and Celestial Soli, "Unfold, ye portals" ("Redemption"). Gounod
 (With Orchestra and Organ.)
 2. Prayer.
 Rev. William H. Pierson.
 3. Cantata.
 "Morning." Ries
 (With Soprani and Bassi Soli.)
 Part I, "Representation of Twilight."
 Orchestra.
 Part II, "Morning."
 Soprani: Misses Alice C. Pilsbury, Hazel C. Trueman, Ethel W. Brown, English; Marion F. Bunker, Mary T. McCarthy, Edith M. Marshall, Latin.
 Bassi: Messrs. Walter F. Burt, Paul E. Alger, Ernest R. Moore, Latin; Frank R. Bradford, Maurice L. Blair, George H. Lamont, English.

4. Address to Graduates.
"The Education of Life."
Rev. William DeWitt Hyde, D. D., President of Bowdoin College.
5. Semi-Chorus (Girls' Voices).
"Spinning Song" ("Flying Dutchman"). Wagner
6. Presentation of Diplomas.
Frederick A. P. Fiske, Chairman of School Board.
7. †Singing.
Unison Solo, "The Holy City." Adams

* All singing accompanied by Hadley's Orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.

† Orchestration by S. Henry Hadley.

Latin High School Graduates.

- | | |
|---|--|
| <ul style="list-style-type: none"> - Ellen Abigail Baker. - Gefrude Emeline Baxter. - Marion Frances Bunker. - Ruth Gertrude Butters. - Alice Meserve Chadwick. - Ethel May Cole. - Emma Edna Davis. - Ruth Richardson Dodge. - Cecilia Iva Doe. - Alice Frances Elliott. - Fannie Baden Freeman. - Florence Crowell Gardner. - Mary Rose Griffin. - Avis, Corinne Hall. - Fidela Eastamen Holm. - Nellie Lodema Kimball. - Eleanor Louise Kittredge. - Florence Louise Leonard. - Maud Myrtle Lunt. - Edith Marion Marshall. - Mary Theresa McCarthy. - Annie Rebecca McCoy. - Eleanor Gertrude McMenimen. - Alice Gertrude Merrill. - Anna Myrtle Merrill. - Ethel Louise Mulliken. - Edith Frances Munroe. - Clyde Chandler Newell. - Josephine Agatha O'Riley. - Cara Eliza Patten. - Harriet Everett Robinson. - Florence Jane Saunders. - Bertha Dot Sias. - Constance Tead. - Maria Louise Thiery. - Ruth Lillian Whitman. | <ul style="list-style-type: none"> Alexander Watt Blyth. Robert Arthur Burns. Harry Eugene Burroughs. Walter Frederick Burt. Irving Page Colman. Ernest Llewellyn Cooper. Arthur Saltmarsh Dockham. Arthur Franklin Doe. Thomas Perkins Durell. John Edmund Dwyer. Allen Edrick Elliott. Lester Fisher Ellis. Edward Francis FitzGerald. John Milligan Groves. Leo Edgar Hafford. Andrew Anthony Hagen, Jr. Fred Lemuel Ham. George Warren Hinckley. William Ellsworth Hooper. Herbert Handy Howard. John William Mahoney. Ray Thomas McDonald. Francis Varnum Mead. Irving Woodbury Merrill. Ernest Raymond Moore. James Leo Murphy. Albert Cline Perkins. Ezekiel Pratt. Leon Foster Scoboria. Edgar Floyd Sewall. Harold Harris Sharp. Ivan Gerald Smith. Edward Paul Souther. Albert Chase Spalding. Ernest Frederick Ver Wiebe. Frederick Percy Whitney. Joseph Matthew Wright. George Monroe York. |
|---|--|
- John Henry Adcock.
Paul Edgar Alger.

English High School Graduates.

Nora Veronica Ahearn.
 Mildred Eva Allen.
 Ruth Viola Allen.
 Gertrude May Armstrong.
 Edith Pauline Baron.
 Mary Elizabeth Black.
 Ada Grace Bliss.
 Clara Louise Boyle.
 Ethel Walcott Brown.
 Margaret Burns.
 Estelle Gertrude Campbell.
 Camilla Ellsworth Chipman.
 Ruth Tower Clarridge.
 Elva Douglas Cox.
 Alice May Cullin.
 Josephine Bartlett Curtis.
 Blanche Barbara Dadmun.
 Ethel Lewis Davenport.
 Lillian Rachel Davis.
 Annie May Dodge.
 Anna Nelson Emerson.
 Laura Bernadette Farrell.
 Leona Emmeline Forsythe.
 Lillian Caroline Franke.
 Sara Ida Gale.
 Ethel May Glines.
 Edna Florence Gordon.
 Edna Mildred Hanscom.
 Isabella Frances Hardy.
 Elizabeth Harrington.
 Eva May Hatchett.
 Florence Inez Hill.
 Clara Sylvia Hyde.
 Frances Priscilla Johnson.
 Helen Josephine Koen.
 Mary Charlotte Lamb.
 Anna Gertrude Lomasney.
 Ruby Jane Loveless.
 Mary Ellen Lynch.
 Cora Emma Mace.
 Avis Eleanor Maischein.
 Esther Frances Martin.
 Elsie Maud Matthews.
 Esther Agatha Meehan.
 Martha Aldana Mess.
 Ernestine Anna Miille.
 Winifred Claire Millner.
 Josephine Gertrude Nicholson.
 Junie May Partridge.
 Margaret Louise Patterson.
 Mabel Carrie Peterson.
 Alice Christmas Pilsbury.
 Marion Fullér Prichard.
 Catherine Elizabeth Pynn.
 Marie Belle Ransom.
 Florence May Reed.
 Georgie Etta Robbins.
 Grace Tirzah Robbins.
 Ellen Mary Rose.
 Grace Regina Russell.
 Mary Ella Sargent.
 Vera Lee Sawyer.
 Katherine Elizabeth Schwab.
 Florence Ella Shaw.
 Florence May Shaw.
 Auwelda Huntress Smith.
 Ethel May Spofford.
 Bernice Farnham Sprague.
 Nettie Stanley.
 Jennie Greenwood Stevens.
 Minerva Isabelle Story.
 Edwina Martha Sutton.
 Mary Belle Thomson.
 Hazel Carlisle Trueman.
 Muriel Bliss Trueman.
 Eleanor Louise Turner.
 Agnes Evélyn Urquhart.
 Hilda Florence Veinot.
 Annie Ray Walford.
 Ninon Idelle Williams.
 Oscar Freeman Abbott.
 James Baldwin.
 Samuel Stanwood Barker.
 Scott William Berton.
 Manuel Anthony Bettincourt, Jr.
 Maurice Linwood Blair.
 Frank Rumrill Bradford.
 Orin Wright Bradshaw.
 Herbert Gardner Brown.
 Ignatius Leo Bryan.
 Michael Joseph Burke.
 Charles Emery Chase.
 Thomas Charles Commins.
 Frederick William Cook.
 Joseph Thomas Cotter.
 William Lynch Curran.
 Harold Richards Currier.
 Raymond Ellis Cushing.
 Chester Bonner Davis.
 Chester Laurens Dawes.
 Manuel Joseph DeAvellar, Jr.
 Frederick DeCaro.
 Richard Westacott Deshon.
 Arthur Warren Drake.
 Walter Jeremiah Driscoll.
 Harry Lucius Dunbar.
 Harold Francis Foster.
 Arthur Herbert George.
 Ira Glassman.
 Ralph Brigham Guerke.
 Philip Spooner Harris.
 Alexander Higgins.
 Harrison Parker Higgins.
 Robert Tilden Hines.
 George Henry Kieley.
 Eric Axel Kindlund.
 George Hazen Lamont.
 Leonard Walter Libbey.
 Clarence Dickinson Maynard.

George Walter Nary.
 James Wesley Nichols.
 Aaron Burnham Noyes.
 Charles Armington Parks.
 Thomas Owens Scottron.
 Winthrop Sears.
 Walter McCabe Smith.
 Albert Stephen Snow.

Gardner Wesley Stacey.
 Walter Albert Tolman.
 George Francis Trenholm.
 Lauren Wells Waldron.
 Ernest Alonzo Ware.
 Joseph Wood Whitaker.
 Leslie Sherwood Wiggin.
 George Henry Wilson.

TABLE 27.—GRAMMAR SCHOOL GRADUATES.

The lack of a hall large enough to accommodate all the grammar school graduates and their friends compelled us to devote two evenings to the graduation exercises. Accordingly, Tuesday evening, June 27, and Wednesday evening, June 28, were set apart for the purpose.

The following was the order of exercises on Tuesday evening:—

Order of Exercises.

- Frederick A. P. Fiske, Chairman of School Board, presiding.
1. Overture.
 "Martha." Flotow
 Hadley's Orchestra.
 2. Prayer.
 Rev. D. B. McLeod.
 3. *Singing.
 Four-part Madrigal, "Song of the Skylark." H. K. Hadley
 4. Address.
 "Wise and Otherwise."
 Professor Edward Cummings, of Cambridge.
 5. Singing.
 Soli and Chorus (Noel), "O sing to God." Gounod
 (With Orchestra and Organ.)
 6. Address to Graduates and Presentation of Diplomas to Graduates of Prescott, Pope, Bell, and Edgerly Schools.
 George E. Whitaker, Member of School Board, Ward Three.
 7. †Singing.
 Two-part Song (Girls' Voices), "Drift, my bark." Kucken
 8. Presentation of Diplomas to Graduates of Glines, Forster, and Bingham Schools.
 Mr. Whitaker.
 9. †Singing.
 Vocal March, "Football Day." Veazie

*All singing accompanied by Hadley's Orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.

†Orchestration by S. Henry Hadley.

Names of Graduates.**PRESCOTT SCHOOL.**

Charles H. Austin, Jr.	Miles J. Muldoon.
Marion L. Bolton.	Catherine A. Mullen.
Eleanor G. Bradt.	Lewis Pierce.
Frances W. Cahill.	Luella F. Roberts.
Frank L. Clain.	Cora I. M. Spieler.
Lewis F. Dresser.	Edgar L. Staudinger.
Frederick J. Ellis.	Harold A. Tarbox.
Mary E. Faulkner.	Mildred H. Taylor.
Grace H. Fernald.	Mildred L. Taylor.
Hattie C. Foss.	William C. Thomann.
Grace S. Halfrey.	Dwight N. Thompson.
Edna D. Hammond.	Herbert W. Tolman.
Arthur C. Haskell.	Frederick H. True.
Irma Haynes.	B. Gladys Tuttle.
Charles T. Hughes.	James H. Walker.
Lillian M. Hughes.	Ella A. Walton.
Elizabeth A. R. Leary.	Beatrice F. Waugh.
Paul Littlefield.	Frank M. Welch.
Thomas Leo Maguire.	Mabel W. Wilber.
James L. Muldoon.	Alma G. Wiley.

POPE SCHOOL.

John L. Ahearn.	Dorothy Morgan Joyce.
Eugene Lawrence Brine.	Alice M. Kane.
Loretto Brine.	Olive A. L. Lemery.
Annie J. Burns.	Franklin R. Lovering.
Anna V. Byrnes.	Etta H. MacKenna.
Harry M. Cain.	Ruth S. Manning.
Ernest W. Chapin.	Hattie Louise Milligan.
Marion Corliss.	Mary J. Milligan.
Edmund P. Crocker.	Albert E. Nurse.
Alice Louise Delaney.	Gertrude Beatrice Nurse.
Alonzo M. Everett.	Julia O'Callahan.
Guy LeRoy Everett.	Louise Pauline Rupprecht.
Elizabeth C. Farrell.	Margaret M. Ryan.
Mary Louise Farrell.	William Francis Scannell.
Harris Howard Freeman.	Maude Ethel Thomas.
Annie Clare Gavin.	Warner Thorndike.
Clara Alice Goudey.	Fred M. Trask.
Lester Carlisle Gustin.	Louise Cavine Watt.
Sophia Josephine Hanley.	Marian R. Whitaker.
Mabel M. Hopkins.	Elizabeth White.
Isabella Hunter.	Frederick Cooper Williams.

BELL SCHOOL.

George R. Allan.	Helen M. Etheridge.
Ralph W. Atwater.	Louise C. FitzGerald.
Richard W. Bennett.	Jean E. Follett.
Bertha M. Boyd.	Agnes S. Fyfe.
Mabel M. Busted.	Alfred L. Higgins.
Arthur L. Cavanagh.	Dorothy S. Hopkins.
Alice M. Chamberlin.	W. Stuart Howe.
Bertha L. Chapman.	Marie L. Hurley.
Elsie M. Clark.	Adelbert L. Jones.
J. Gerard Clarke.	Walter L. Jones.

Howard A. MacLean.
 E. Hazel Macy.
 Henry A. Miner.
 Gertrude S. Mitchell.
 Perkins Morrison.
 Edna M. Morse.
 Guy E. Morse.
 Bertha G. Mugford.
 T. Francis Muldoon.
 Burr O. Nichols.

Chester A. Perry.
 Helen M. Russell.
 M. Esther Shapleigh.
 Maude Skinner.
 Harvey E. Snow.
 George G. Swanson.
 Sophie E. Tworoger.
 Richard W. Walsh.
 Rachel G. Whitcomb.
 Edith L. Whitney.

EDGERLY SCHOOL.

M. Anna Ayres.
 Harriet J. Babson.
 Bertha B. Bemis.
 Lester R. Brundage.
 Vernal L. Chapman.
 Elsie P. Clifford.
 Margaret L. Corkhill.
 Robert W. Crocker.
 John C. Driscoll.
 Maybelle M. Durkee.
 Florida Esdale.
 Florence A. Gale.
 Ethel E. Gove.
 Fred C. Gunter.
 Ernest W. Hale.
 Harold E. Hallett.
 Dana E. Harding.
 Nettie Hillson.
 Bessie C. Horton.
 Caroline L. Hunt.
 Carl W. Johnson.
 Mary A. Jolly.
 Percy E. Kirkpatrick.
 Carrie R. Knowles.

Alton A. Linnell.
 Harry H. Lougee.
 Percival A. Mellett.
 Nathaniel McD. Mitchell.
 Anna Modest.
 William H. Moore.
 Lillian B. Nute.
 A. Pearl Patterson.
 Alvar M. Pinto.
 Gladys M. Pond.
 Edith S. Potter.
 William R. Rankin.
 Charlotte S. Rennie.
 Charlotte C. Riley.
 Esther M. Shay.
 Zertelle M. Steele.
 Walter I. Stockdon.
 G. Everett Storey.
 A. May Struble.
 Bessie J. Taylor.
 Marion F. Towne.
 Gertrude M. Trickey.
 Josephine Wentworth.

GLINES SCHOOL.

Frances H. Barnet.
 Ethel M. Beal.
 Jessie E. Bliss.
 Anna L. Bryne.
 John F. Collins.
 Elsie M. Craft.
 Philip J. Doherty.
 Samuel Donnelly, Jr.
 Pauline L. Dooley.
 Gustavus E. Foster.
 Fred J. Hislop.
 Herbert W. Howard.
 Mildred K. Hurlbert.
 Herbert P. Jarvis.
 Mabel F. Kenneson.
 Leslie S. Kinsman.
 Harold B. Lopaus.
 Mary A. C. McIntire.

Grace E. McIntosh.
 George J. McKinley.
 Mary C. A. Massari.
 Lena R. Moore.
 Mildred Onley.
 James C. Palmer.
 Charles S. Paon.
 Roswell D. Penney.
 Arthur C. W. Peterson.
 Florence W. Rice.
 Pearl V. Rideout.
 Harold L. Smart.
 Helen B. Smart.
 John S. Smith.
 Albert W. Stronach.
 Fred I. Wass.
 Julian E. Wass.
 Grace M. Webster.

FORSTER SCHOOL.

Isa S. Achorn.	Joseph H. Gridley.
Nina R. Achorn.	James Griffiths.
Ruth E. Andrews.	Lester B. Hallett.
Arthur L. Baker.	Elizabeth A. Hardy.
Amy Barker.	Harry C. Harris.
Margueritte E. Borns.	Mildred L. Hatch.
Winfield S. Burbank.	Kathleen W. Hemeon.
Sadie E. Cameron.	G. Sidney Holland.
J. Gerard Campbell.	Edith E. Joiner.
Mary L. Cheney.	Mildred L. Joiner.
L. Elizabeth Chickering.	Irene Kibbe.
Gertrude G. Clough.	Florella L. Kidder.
Portia E. Clough.	Lillie E. King.
Ernestine Z. Cohen.	Eudora D. Leitch.
Roger A. Colman.	F. Chrystal B. Lowe.
Hazel M. Cushing.	Herbert A. Macdonald.
Alice C. Duncan.	Edith F. Moore.
Marion L. Duncan.	Alice M. Morey.
Mabel E. Edwards.	Herbert L. Morrison.
Nectar M. Eksergian.	Allison L. H. Newton.
Marion L. Emerson.	Charlotte E. O'Brien.
May E. Fitzgerald.	Isabella G. Owlser.
Helen C. French.	L. Wright Parker.
Ruth E. Gillard.	Clinton A. Patterson.
Herbert P. Googins.	Beatrice J. Pearson.

BINGHAM SCHOOL.

John S. Bielis.	J. Elsie Macdonald.
Marie D. Brisson.	W. Edward McFarland.
Rose A. Burke.	Mabel J. McGoldrick.
John F. Cudmore.	Annie J. McGovern.
Edward A. Donahue.	Florence L. McKenna.
Mary E. Ducey.	Francis H. Nixon.
Lucy M. Farnam.	Dudley R. Nowlin.
Margaret G. Gannon.	Ellen K. O'Brien.
Grace H. Gero.	Albert J. O'Neil.
J. Arthur Goguen.	Margaret M. Rogan.
Mary E. Goguen.	Georgiana Sands.
Ida M. Gorfine.	Charles M. Sisk.
Hannah M. Graves.	Frank A. Stacy.
Grace V. Griffiths.	Gertrude Wheeler.
John E. Gurvin.	Mary A. Wilson.
Mary T. McAleer.	

The following was the order of exercises for Wednesday evening:—

Order of Exercises.

- Frederick A. P. Fiske, Chairman of School Board, presiding.
- Overture.
"Martha." Flotow
Hadley's Orchestra.
 - Prayer.
Rev. Edward E. Braithwaite.
 - *Singing.
Four-part Madrigal, "Song of the Skylark." H. K. Hadley

4. Address.
"Significance of a Day."
Hon. George A. Littlefield, of Providence, R. I.
5. Singing.
Soli and Chorus (Noel), "O sing to God." Gounod
(With Orchestra and Organ.)
6. Address to Graduates and Presentation of Diplomas to Graduates of the Knapp, Carr, and Morse Schools.
George C. Mahoney, Member of School Board, Ward Seven.
7. †Singing.
Two-part Song (Girls' Voices), "Drift, my bark." Kucken
8. Presentation of Diplomas to Graduates of the Highland and Hodgkins Schools.
Dr. Mahoney.
9. †Singing.
Vocal March, "Football Day." Veazie

* All singing accompanied by Hadley's Orchestra, under the direction of S. Henry Hadley, teacher of music in schools.

† Orchestration by S. Henry Hadley.

Names of Graduates.

OREN S. KNAPP SCHOOL.

Flora G. Alexander.	Elizabeth M. Holt.
Dominic A. Bettincourt.	Mary G. Howard.
Claire A. Billings.	Esther M. Jennings.
Theresa F. Boehlman.	Gladys E. Knowlton.
Hazel G. Burke.	Pauline Leach.
Henry J. Cabeceiras.	Susie L. Leest.
Ephraim Campbell.	Ursula M. Lutz.
Walter H. Chambers.	Margaret L. McCarthy.
Elizabeth F. Coogan.	Grace E. Madden.
Louise C. Coogan.	M. Delia Marchant.
Gundhild H. Dahlgren.	Mildred E. Morrison.
Martha W. Delay.	Coralie A. Nash.
James J. Dolan.	Albert B. Schalk.
Frances M. Donovan.	George V. Sheridan.
Adelina C. Doucet.	Florence A. Southward.
Joseph A. Finnegan.	Guy L. Stevens.
Elizabeth R. Given.	Bertha R. Stevenson.
J. Francis Grady.	Walter J. Sullivan.
Mary E. Hanson.	Teresa F. Sweeney.
Alice T. Harrington.	Arthur B. Szidat.
Margaret R. Healy.	James E. Trahey.
Mary G. Healy.	Elmer Twitchell.
George Henderson.	May S. Wanzer.
Alice M. Hill.	

CARR SCHOOL.

Ada L. Belt.	Henry R. Cheetham.
Roland W. Bezanson.	Thomas J. Connors.
Agnes C. Breen.	Clyda A. Corwin.
Nathan J. Brown.	Joseph B. Cunningham.
William J. Brown.	Willard H. Davis.
Helen Caless.	Vernona W. DeCort.

Joseph Dente.
 Fred N. Dunning.
 Mary Enos.
 Dorothy D. Fales.
 William C. Farrell.
 James A. Harper.
 Marian L. Hallett.
 Mildred M. Haug.
 Edna L. Higgins.
 Charles E. Holmes.
 Carl N. Hudson.
 Elmer A. Johnson.
 Ethel M. Jones.
 Hugh T. Jones.
 Ruth E. Kingman.
 R. Sylvanus Kneeland.
 Sigrid W. Larson.
 Lillian L. Lunt.
 Mary F. McAllister.
 Jeremiah F. McCarthy.
 Bernard A. MacIntosh.
 Jennie L. McIntyre.
 John B. McTiggan.

Elizabeth Mitchell.
 Frances T. Moran.
 Mildred Moses.
 John J. Murphy.
 Frank J. O'Toole.
 Elizabeth L. O'Connell.
 Randolph D. Petrie.
 Charlotte A. Potter.
 Anna H. Reed.
 Mabelle M. Reed.
 Annie F. Reid.
 Hurdis W. Reid.
 Thomas J. Rice.
 Walter A. Rockwood.
 Angie M. Rose.
 Arthur L. Smith.
 Mary Smith.
 Helen Spear.
 Emma M. Thiesfeldt.
 Florence M. Thompson.
 Frank E. Van Ummersen.
 Daisy L. Wells.
 Louise A. Whelan.

MORSE SCHOOL.

Caroline G. Allan.
 Mildred E. Arnold.
 William E. Bagster.
 Russell E. Bowers.
 Yetta F. C. Brown.
 Beatrice I. Brownville.
 Alger T. Bunten.
 Albert S. Camm.
 Beatrice M. Clark.
 Harold C. Conner.
 Irving D. Dawes.
 Ruth G. Dawes.
 Edwin W. Garland.
 Fraser F. Grant.
 Evanell Haines.
 Leslie K. Harlow.
 Edwin D. Harrington.
 James J. Harrington.
 Raymond F. Henderson.
 Francis C. Hogan.
 Alvan W. Howard.
 Carl F. Jones.

Margaret M. McIntire.
 Sadie W. McKellar.
 Fred Miller.
 Herman Miille.
 Joseph J. Nangle.
 Walter H. Nolan.
 Marguerite D. Osborn.
 Dora C. Pedersen.
 Jennie M. Pedersen.
 Grace F. Perron.
 Laura F. Raymond.
 William T. Reynolds.
 Emil M. Robertson.
 Clayton V. Sawyer.
 Emma M. Sherman.
 Vera H. Sherwood.
 Burton E. Thompson.
 Raymond E. Toomey.
 Elizabeth Trustenitzer.
 Lucy A. Vears.
 Ethel M. Waugh.
 Helen Worcester.

HIGHLAND SCHOOL.

Jessie A. Ackert.
 Jennie H. Adler.
 Elliott C. Anderson.
 Gerald W. Banfil.
 Ida Barnett.
 Herman C. Benner.
 Winifred H. Bent.
 Mildred Benthall.
 Ethel M. Bird.

Jennie B. Birney.
 Ida L. Boak.
 Beatrice L. Bowditch.
 Mary E. Clark.
 Helen G. Collins.
 Chester S. Cook.
 George E. Dodge.
 Senekerim M. Dohanian.
 Samuel Epstein.

Fred W. Flint.
 Barbara D. Gardner.
 Albert E. S. Gillis.
 J. Arthur Gillooly, Jr.
 Raleigh I. Glynn.
 William B. Goodwin.
 Marguerite C. Gould.
 Gertrude A. Graves.
 Rose Greenberg.
 Edwin F. Greene.
 Otis L. Handley.
 Beatrice M. Harris.
 C. George Hayes.
 Dorothy F. Hayward.
 Harold P. Hayward.
 Burt A. Hazeltine.
 Ethel D. Hetherington.
 Oscar L. Honnors.
 Bernard A. Howe.
 Daniel Hurley.
 Margaret J. Hurley.
 Maurice E. Hurley.
 Mabel A. Jones.
 Alfred F. Kendall.
 Ralph W. Kenison.
 E. Myrtle Kingston.
 Lillian K. Lamb.
 Hilda M. Linfield.
 Alice K. Lloyd.
 Esther L. Lovejoy.
 Katharine B. MacKinnon.
 Walter Mahany.
 Harold H. Marden.
 Ralph E. Merry.

J. Clayton Milliken.
 Mary W. D. Mitchell.
 C. Ross Morash.
 Robert C. Moulton.
 Carrie A. Mulock.
 A. Carrie Nelson.
 John F. Newcombe.
 Marion Nicholson.
 Rose M. Niles.
 Walter R. Patterson.
 Roland F. Pease.
 Marguerite D. Pendleton.
 E. Lois Reardon.
 Ida M. Reick.
 Harry C. Robbins.
 Josephine M. Sander.
 Catharine Scammell.
 Ethel B. Schurman.
 Arthur J. Sewall.
 Frank E. Shedd.
 Ellen A. Smallwood.
 Carleton W. Smith.
 Enid E. Steeves.
 Edward Stephens.
 Arthur P. Strout.
 Lillian B. Treadwell.
 E. Carrie Vello.
 Ernest M. Vose.
 Eleanor E. Waldron.
 Emily H. Wilder.
 Ruth A. Wood.
 Frances A. Yirovec.
 Jessie S. Young.

HODGKINS SCHOOL.

George M. Backus.
 Edith I. Barstow.
 Ralph W. Bennett.
 Blanche M. Benson.
 Lena V. Bertwell.
 Frank N. Blanchard.
 Florence L. Briggs.
 Altha L. Cheney.
 Elizabeth A. Chipman.
 Alice L. Crane.
 Florence V. Dennis.
 Grace I. Dick.
 Ethel S. Drinkwater.
 Herman E. Duhn.
 Minnie A. Duhn.
 Eleanor Dunning.
 Josephine F. Dwyer.
 Archibald Flagg.
 Jeanie S. Fleming.
 Margaret M. Fogarty.
 Rufus W. Foster.
 Gertrude H. Goodwin.
 Ethel C. Haradon.
 Helen A. Harmon.

Carl L. Hartshorn.
 Fred A. Hoyt, Jr.
 Elizabeth M. Jackson.
 John W. Geddes.
 Edith R. Jones.
 Willard L. Jones.
 Gertrude M. Kelly.
 Jennie C. Kristensen.
 Paul E. Laurent.
 Marion H. Locke.
 Charles B. Mackay.
 Marion C. Mackay.
 Marion E. Mead.
 Daniel C. Merrill.
 William J. Miller.
 Carl W. Morley.
 James F. Mulloney.
 Cleora A. Nickles.
 Edith M. Northrop.
 Blanche A. Ogier.
 Robert S. Paine, Jr.
 Amos G. Patch.
 Helen M. Phinney.
 Bertha M. Rogers.

Della P. Rogers.
Hannah Romanow.
Cyrus J. Russell.
Marion H. Sargent.
Lillian A. Short.
Aphia C. Smith.
Lillian L. Smith.

Edna F. Teele.
Leon A. Waltz.
Ernest J. Wallstrom.
Deborah Waranow.
Harold E. Weldon.
Lorene A. Whitney.

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1906.

School Committee.

FREDERICK A. P. FISKE,	. . . . .	Chairman
GEORGE E. WHITAKER,	. . . . .	Vice-Chairman

MEMBERS.**EX-OFFICIIS**Term expires
January.

CHARLES A. GRIMMONS, Mayor, 72 Thurston street.	1907
SIDNEY B. KEENE, Pres. Board of Aldermen, 56 Fellsway West.	1907

WARD ONE.

WILLIAM W. KENNARD,	15 Hathorn street.	1907
DR. HENRY F. CURTIS,	145 Perkins street.	1908

WARD TWO.

JOHN H. O'NEIL,	44 Oak street.	1907
DANIEL H. BRADLEY,	19 Concord avenue.	1908

WARD THREE.

WILBUR S. CLARKE,	40 Vinal avenue.	1907
GEORGE E. WHITAKER,	75 Walnut street.	1908

WARD FOUR.

WILLIAM P. JONES,	13-A Maple avenue.	1907
CHARLES A. KIRKPATRICK, JR.,	27 Sewall street.	1908

WARD FIVE.

J. WALTER SANBORN,	183 Central street.	1907
HENRY H. FOLSOM,	29 Albion street.	1908

WARD SIX.

CHARLES H. HOOD,	2 Benton road.	1907
FREDERICK A. P. FISKE,	44 Cherry street.	1908

WARD SEVEN.

MRS. HENRIETTA B. H. ATTWOOD,	18 Herbert street.	1907
DR. GEORGE C. MAHONEY,	97 College avenue.	1908

Superintendent of Schools.

GORDON A. SOUTHWORTH.

Office: City Hall Annex, Highland avenue.

Residence: 40 Greenville street.

The Superintendent's office will be open on school days from 8 to 12, and from 1.30 to 5; Saturdays, 8 to 10. His office hours are from 4 to 5 on school days, and 8 to 9 on Saturdays.

Office telephone, 314; house telephone, 12.

Cora S. Fitch, Superintendent's clerk, 82 Munroe street.

Board Meetings.

January 29.	April 30.	September 24.	December 21.
February 26.	May 28.	October 29.	December 28.
March 26.	June 25.	November 26.	
		8.15 o'clock.	

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1906—Concluded.**Standing Committees.**

High Schools.—Sanborn, Mahoney, Curtis, O'Neil, Clarke, Kirkpatrick, Fiske.

District I.—Kennard, Curtis, Jones.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—O'Neil, Bradley, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Clarke, Whitaker, Bradley.

POPE, BELL, CUMMINGS.

District IV.—Jones, Kirkpatrick, Grimmons.

EDGERLY, GLINES.

District V.—Sanborn, Folsom, Keene.

FORSTER, BINGHAM.

District VI.—Hood, Fiske, Folsom.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN.

District VII.—Mrs. Attwood, Mahoney, Hood.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Hood, Sanborn, Curtis, Bradley, Whitaker, Jones, Mahoney, Grimmons, Keene.

Evening Schools.—Whitaker, Fiske, Folsom.

Finance.—Bradley, Kennard, Jones, Grimmons, Keene.

Industrial Education.—Curtis, Mrs. Attwood, Clarke.

Music.—Mrs. Attwood, Hood, O'Neil.

Private Schools.—Kirkpatrick, O'Neil, Mahoney.

Repairs of School Buildings.—Mahoney, Kennard, Folsom.

Rules and Regulations.—O'Neil, Hood, Fiske.

Salaries.—Fiske, Sanborn, Whitaker.

Supplies.—Clarke, Bradley, Sanborn.

Text-Books and Courses of Study.—Jones, Whitaker, Kennard, Bradley, Folsom, Hood, Mrs. Attwood.

Vacation Schools.—Kennard, Jones, Kirkpatrick.

Note.—The member first named is chairman.

TABLE 29.—TEACHERS IN SERVICE JANUARY, 1906.

NAME.	Residence.
LATIN HIGH SCHOOL.	
GEORGE L. BAXTER, Head Master, Frank M. Hawes, Master, Charles T. Murray, Sub-Master, George M. Hosmer, Sub-Master, Frederick C. Hosmer, Sarah W. Fox, Frances W. Kaan, Eudora Morey, Mrs. Lena Gilbert, Grace T. Pratt, Mabel G. Curtis, Miriam Thayer, Maud M. Cunningham,	27 Warren ave. 257 School st. 28 Franklin st. 13 Arlington st. 13 Arlington st. 46 Laurel st. 133 Central st. 26 Batavia st., Boston. 51 Elmwood st. 62 Waverly st., Roxbury. 829 Boylston st., Boston. 23 Hampshire st., Everett. 53 Richdale ave.
ENGLISH HIGH SCHOOL.	
CHARLES T. C. WHITCOMB, Head Master, John A. Avery, Master, Everett W. Tuttle, Sub-Master, Harry L. Jones, " Howard W. Poor, " George W. Earle, " Harry F. Sears, " Charles F. Abbott, " Frederick O. Smith, " John M. Jaynes, A. Marion Merrill, A. Laura Batt, Lucy Ingram, Caroline A. Marsh, Eda L. Nichols, M. Helen Teele, Clara A. Johnson, Mary F. Carrick, Bertha P. Marvel, Hila Helen Small, Harriet E. Tuell, Helen L. Follansbee, Bessie D. Davis, Ella D. Gray, Elizabeth Campbell, Nina A. Cummings, Nellie H. Swift, Jessamine D. Wolcott, Ruth Tousey, Anna Pushee, Bessie L. Forbes, Bertha A. Raymond, Blanche S. Bradford, Amy L. Cole, Sec'y and Lib.,	44 Walnut st. 22 Dartmouth st. 62 Highland ave. 157 Highland ave. 27 Mt. Vernon st., Reading. 9 Pleasant ave. 44 Orris st., Melrose Highlands. 49 Boston st. 135 Powder House boulevard. 29 Putnam st. 64 Vinal ave. 64 Vinal ave. 19 Aldersey st. 22 Aldersey st. 59 Church st., Watertown. 11 Jason st., Arlington. 177 Central st. 271 Medford st. 19 Highland ave. 232 Highland ave. 10 Harvard pl. 10 Harvard pl. 13 Mt. Vernon st. 147 Walnut st. 245 Medford st. 47 Wallace st. 13 Pleasant ave. 5 Harvard ave., Brookline. 106 Professors row. 10 Harvard pl. 92 Orchard st. 30 Bow st. 161 Summer st. 13 Lincoln st.

TABLE 29.—Teachers in Service January, 1906.—Continued.

Grade.	NAME.	Residence.
PRESCOTT.		
9	SAMUEL A. JOHNSON, Master,	91 Perkins st.
9	Anna M. Bates,	102 Bridge st., Salem.
8	Emma M. Cate,	15 Fletcher st., Winchester.
7	Elizabeth M. Warren,	64 Vinal ave.
6	Abbie A. Anderson,	10 Pearl st.
6	Amelia I. Sears,	Melrose Highlands.
5	Louise Townsend,	10 Henry st., Malden.
4	Susie M. Hosmer,	7 Vinton st., Melrose.
3	Clara Taylor,	36 Flint st.
3	Elizabeth L. Marvin,	17 Newbury st., Malden.
2	Louise E. Pratt,	110 Pearl st.
2	Jennie M. Twiss,	11 Dana st.
1	Mattie L. Littlefield,	65 Glen st.
1	A. Louise Bean,	219 Main st., Everett.
SANFORD HANSCOM.		
5	ELIZABETH M. COLLINS, Principal,	55 Putnam st.
4	Gertrude D. Goodale,	61 Pearl st.
3	Helen S. Woodman,	20 Cass st., Melrose.
2	Helen G. Frye,	43 Sargent ave.
1	Lina E. Dill,	34 Chauncey ave.
Kindergarten	Caroline Boardman,	62 Highland ave.
Assistant	Fannie M. Hayden,	856 Beacon st., Boston.
DAVIS.		
4	MARY A. HOLT, Principal,	72 Boston st.
3	Jennie A. Drew,	50 Bancroft ave., Reading.
2	Carrie T. Lincoln,	41-B Franklin st.
1	P. A. Merritt,	96 Oxford st.
CLARK BENNETT.		
5	ANNIE E. McCARTY, Principal.	18 Quincy st.
Assistant	Kate B. Gifford,	72 Berkeley st.
4	Jennette B. Snow,	Norfolk Downs.
4	Caro G. Graydon,	128 Oliver st., Malden.
3	Agnes S. Campbell,	11 Columbus ave.
3	Alice T. Mc Namara,	35 St. James ave., Boston.
2	Katharine C. Connolly,	21 School st.
2	Nettie L. Fay,	67 Walnut st.
2	Isadore E. Taylor,	36 Flint st.
1	Bertha M. Martindale,	96 Glen st.
1	Miriam Cavanagh,	10 Grand View ave.
1	Carrie L. Bliss	4 Park ave.
Kindergarten	Caroline G. Baker,	40 Benton road.
Assistant	Alice M. Saben,	110 Pearl st.
GEORGE L. BAXTER.		
5	HELEN TINCKER, Principal,	17 Bonner ave.
4	Elizabeth E. Carr,	Danvers.
3	Julia A. Mahoney,	16 Parker st.
2	Agatha G. F. Commins,	24 Hanson st.
1	Charlotte Holmes,	10 Putnam st.
Kindergarten	Elsie G. Ashton,	17 Bonner ave.
Assistant	Eleanor Connor,	59 Church st.

Table 29.—Teachers in Service January, 1906.—Continued.

Grade.	NAME.	Residence.
	OREN S. KNAPP.	
9	JOHN S. EMERSON, Master,	95 Summer st.
9	Nina M. Doanan,	22 Walnut st.
8-9	Elizabeth G. Diman,	6 Hillside pk.
8	Harriet C. Hamilton,	42 Walnut st.
7-8	Emma L. Coburn,	27-r Albion st.
7	C. B. Parkhurst,	22 Highland ave.
6	Clara B. Sackett,	91 Summer st.
6	Edith Hersey,	154 Washington ave., Chelsea.
5	Daisy King,	641 Huntington ave., Boston.
4	Annie E. Robinson,	20 Webster ave.
3	L. Gertrude Allen,	230 Washington st.
2	Minnie Alice Perry,	16 Pleasant ave.
1	Blanche L. Paine,	21 Concord ave.
	ALBION A. PERRY.	
5	Catherine E. Sweeney,	633 Broadway.
4	Irene Vincent,	85 Prospect st.
3	Mary G. Blackwell,	45 Ibbetson st.
3-2	Helen M. Cogan,	24 Stone ave.
1	Margaret L. O'Malley,	57 Ellery st., Cambridge.
	CHARLES G. POPE.	
9	GEORGE M. WADSWORTH, Master,	23 Munroe st.
9	Florence A. Chaney,	78 Huntington ave., Boston.
8	Harriet M. Clark,	10 Vernon st., West Medford.
7	Alice I. Norcross,	26 Russell ave., Watertown.
7	B. May Layman,	17 Aldersey st.
6	Blanche G. North,	8 Munroe st.
6	Minnie A. Blood,	1 Essex st
5-6	Lena F. Shaw,	8 Wellington ct., Roxbury.
5	Lizzie W. Parkhurst,	22 Highland ave.
4	Annie G. Sheridan,	84 Prospect st.
3	Mabel K. Davis,	11 Harvard pl.
2	Florence E. Locke,	Needham.
1	Alice B. Frye,	10 Sunnyside ave.
	LUTHER V. BELL.	
9	HARLAN P. KNIGHT, Master,	61 Putnam st.
9	Alice L. Davis,	19 Aldersey st.
8	Nellie S. Dickey,*	54 Putnam st.
8	Ada F. Smith,	25 Albion st.
7	Eva R. Barton,	Stoneham.
8-7	Grace E. Weeks,	32 Vinal ave.
6	Mabel T. Totman,	9 Hamlet st.
6	Maribelle Curtis,	55 Putnam st.
5	Emma F. Schuch,	25 Tufts st.
5	Florence S. Hartshorn,	96 Glen st.
4	Ella H. Bucknam,	1 Essex st.
3	Helen L. McGann,	45 Putnam st.
2	Martha E. Daniels,	93 Concord ave.
1	Lucia Alger,	28 Bonner ave.

* Leave of absence for one year.

Table 29.—Teachers in Service January, 1906.—Continued.

Grade.	NAME.	Residence.
	CUMMINGS.	
3	FANNIE L. GWYNNE, Principal,	65 School st.
5-4	Ruth B. Stanley,	19 Harvard st.
2	Angeline Cann,	Hotel Woodbridge.
1	Elizabeth L. Hersey,	Franklin Sq. House, Boston.
	EDGERLY.	
9	CHARLES E. BRAINARD, Master,	82 Munroe st.
9	Mary Corry,	Hotel Woodbridge.
8	Annie L. Dimpsey,	90 Pearl st.
8	Mary E. Richardson,	35 Bradley st.
7	Mabel C. Mansfield,	35 Bradley st.
7	Maud J. Nickerson,	116 Pearl st.
6	Isabelle M. Gray,	23 Webster st
6	Edith M. Snell,	4 Vine st., Melrose.
5	G. Hortense Pentecost,	151 Walnut st.
4	J. Louise Smith,	196 Washington st., Lynn.
3	Lillian Nealley,	109 Glen st.
2	Alice W. Cunningham,	55 Richdale ave.
1	Martha M. Power,	37 Gleason st., West Medford.
	JACOB T. GLINES.	
9	MARY E. NORTHUP, Master,	15 Evergreen ave.
9	Mary E. Stiles,	15 Evergreen ave.
8	Nellie E. Briggs,	15 Evergreen ave.
8	Mary A. Lawry,	118 Rogers ave.
7	Blanche S. Hall,	8 Wellington ct., Roxbury.
6	Lilla M. Marble,	2 Rush st.
6-5	Zelpha L. Thayer,	64 Linden st., Reading.
5	Ellen A. Boynton,	45 Dartmouth st.
4	M. Frances Guptill,	43 Franklin st.
4	Mary A. Goddard,	9 Winter Hill Circle.
3	Margaret A. Orr,	15 Blagden st., Boston.
3-2	Florence E. Baxter,	49 Hudson st.
2	Anna G. Welch,	324 Main st., Stoneham.
1	Carrie Armitage,	57 Madison st.
1	Belle J. Tift,	201 School st.
Kindergarten	Mrs. Etta D. Ellsworth,	112 Newbury st., Boston.
Assistant	Ida M. Kane,	28 Fellsway West.
	FORSTER.	
9	FRED C. BALDWIN, Master,	63 Sycamore st.
9	Mary E. Bunton.	14 Stickney ave.
9	Irene S. Nightingale,	14 Court st., Arlington.
8	Jessie M. Lockwood,	463 Medford st.
8	Mary C. Buck,	15 Cushing st., Medford.
7	Mae E. Brock,	61 Hancock st.
7	Emma G. Blanchard,	The Prescott, Everett.
6	Mina P. Bickford,	216 Park st., Medford.
6	Elizabeth F. Clement,	29 Kidder ave.
5	Mary I. Bradish,	54 Logan ave., Medford.
5	Elizabeth S. Brown,	19 Highland ave.
4	Laura R. Cunningham,	55 Richdale ave.
4	Gertrude M. Sias,	37 Wordsworth st., East Boston.
3	E. Mina Smith,	2 Pembroke st.
3	Annie S. Gage.	32 Marshall st.
2	Mabel G. Delano.	108 Cross st.
2	Martha L. Hale,	144 Highland ave.
1	Grace Shorey,	23 Forster st.
1	Cora J. Demond,	The Prescott, Everett.

TABLE 29.—Teachers in Service January, 1906.—Continued.

Grade.	NAME.	Residence.
BINGHAM.		
9	HARRY F. HATHAWAY, Principal,	505 Broadway.
9	Elizabeth J. O'Neil,	505 Broadway.
8	Elizabeth J. Mooney,	3 Lee st.
7	Jane Batson,	32 Florence st., Malden.
6	Naomi E. Stevens,	14 Stickney ave.
6	Mabel E. Perry,	23 Albion st.
5	Lucy K. Hatch,	103 Glenwood ave.
5	Harriet F. Ward,	202 School st.
4	Eva M. Barrows,	118 Rogers ave.
4	Helen L. Galvin,	Braintree.
3	Harriet M. Bell,	14 Chapel st.
3	Bessie J. Baker,	13 Mills st., Malden.
2	Grace F. Mulcahy,	143 Sycamore st.
2	Alice R. Lincoln,	885 Mass. ave., Cambridge.
1	Nellie R. Bray,	7 Jasper st.
1	Mabel E. Mansir,	77 Albion st.
1	Clara L. Griffiths,	39 Ames st.
MARTIN W. CARR.		
9	CHARLES G. HAM, Master,	Watertown.
9	Anne E. Bragdon,	53 Laurel st.
8	Clara D. Eddy,	70 Central st.
8	Mary E. Soule,	124 Summer st.
7	May E. Berry,	14 Billingham st.
7	Harriet A. Hills,	14 Billingham st.
6	Marie T. Smith,	87 Orchard st.
6	Marion P. Crawford,	124 Summer st.
5	Susie L. Luce,	8 Walter ter.
5	Mary A. Haley,	117 Summer st.
4	Elizabeth S. Foster,	99 Summer st.
3, 4	Grace T. Merritt,	47 Cherry st.
3	Florence B. Howland,	6 Highland ave.
2	Florence M. Dearborn,	63 Preston rd.
2	Ethel F. Morang,	157 Lowell st.
1	Gertrude Friend,	6 Park ave.
1	Annie B. Russell,	45 Russell st.
MORSE.		
9	MINA J. WENDELL, Master,	211-A Summer st.
9	*Alice E. Jones,	53 Laurel st.
9	Lina M. Hooper,	Boston.
8	Minnie A. Day,	(Melmsford, Mass.
7	Minnie E. Haas,	Preston rd.
7	Lennie W. Bartlett,	99 Summer st.
6	Emma A. Gilman,	130 Huntington ave., Boston
6	Anna E. Sawyer,	26 Bow st.
5	Lizzie E. Hill,	35 Norway st., Boston.
4	Alice B. Hazelton,	124 Summer st.
3	Agnes C. Rice,	20 Spring Hill terrace.
2	Ardelle Abbott,	71 Craigie st.
1	Alice M. Emerson,	146 Highland ave.
1	Grace S. Russell,	1097 Broadway.

*Leave of absence for one year.

TABLE 29.—Teachers in Service January, 1906.—Continued.

Grade.	NAME.	Residence.
	GEORGE O. PROCTOR.	
6	Nora F. Byard,	101-A Fayerweather st., Cambridge.
5	Margaret D. Jack,	58 Pinckney st.
4	Abbie A. Gurney,	28 Bonner ave.
4, 3	Ella P. McLeod,	32 Charnwood rd.
3	Clara L. Hammond,	62 Chandler st.
2	Edith L. Hunnewell,	23 Milton st.
2, 1	Inez Dill,	34 Chauncey ave.
1	Elizabeth T. Burrage,	20 Dartmouth st.
	GEORGE W. DURELL.	
4	ABIGAIL P. HAZELTON, Principal,	124 Summer st.
3	Etta C. Rochefort,	1 Forest pk., Cambridge.
2	Ethel Worcester,	24 Brastow ave.
1	Mary Winslow,	38 Spring st.
	BURNS.	
7	LAURA J. BROOKS, Principal,	31 Stevens st., Stoneham.
6	Cara M. Johnson,	147 Park ave., Arlington.
5	Minnie S. Turner,	153 Lowell st.
4	Elizabeth A. Davies,	230 Morrison ave.
3	A. L. Brown,	281 Summer st.
2	Mary E. Lacy,	63 Cherry st.
1, 2	Emma B. Jones,	18 Sargent ave.
1	Alice E. Morang,	157 Lowell st.
	BENJAMIN G. BROWN.	
6	ANNIE G. SMITH, Principal,	24 Florence st., Malden.
5	Grace J. Alexander,	60 College ave.
4	Edna M. Proctor,	93 Revere st., Boston.
3	Lucy M. Curtis,	77 Walnut st.
2	Grace M. Bliss,	78 Summer st.
1	Ida M. Record,	29 Browning rd.
	HIGHLAND.	
9	AARON B. PALMER, MASTER,	18 Bay State rd.
9	M. Alice Paul,	122 Orchard st.
9	Edna F. Grant,	18 Hall ave.
9	P. E. Mathews,	201 Morrison ave.
8	N. Irene Ellis,	15 Kidder ave.
8	Grace M. Clark,	10 Vernon st., West Medford.
8	Jennie P. Chapman,	23 Pleasant st., Woburn.
7	Edith G. Watts,	201 Morrison ave.
7	*Jennie C. Frazier,	561 Columbus ave., Boston.
7	Frances A. Darrah,	
6	Mary L. Bryant,	38 Chandler st.
6	Sarah E. Pray,	28 Quincy st.
5	Mary H. Joyce,	76 Boston st.
5	Lillian F. Richardson,	33 Wallace st.

*Leave of absence till June 30, 1906.

TABLE 29.—Teachers in Service January, 1906.—Continued.

Grade.	NAME.	Residence.
WM. H. HODGKINS.		
9	ARTHUR L. DOE, Master,	86 Chandler st.
9	Alice M. Winslow,	16 Park ave.
9	Etta M. Miller,	151 Walnut st.
8	Edith W. Emerson,	135 Central st.
8	Alice S. Hall,	135 Central st.
7	Lilla E. Mann,	15 Day st., Cambridge.
7	Josephine T. Field,	62 Chandler st.
6	Gertrude W. Leighton,	56 College ave.
6	Beatrice A. Randall,	96 College ave.
5	Flora A. Burgess,	Arlington Heights.
5	Catherine A. Burden,	404 Highland ave.
4	Genieve R. Barrows,	Woburn, Mass.
4	Katherine M. Fox,	Stoneham.
3	Jennie M. Patterson,	17 Avon st.
1	Marion I. Noyes,	22 Dover st.
LINCOLN.		
2	ELIZA H. LUNT, Principal,	50 Curtis st.
3	Charlotte F. Mott,	154 Charles st., Boston.
2	Almena J. Mansir,	77 Albion st.
1	Annie H. Hall,	97 College ave.
MARTHA PERRY LOWE.		
4	MAY E. SMALL, Principal,	7 Kingston st.
4	Stella M. Holland,	46 Chester st.
3	Alice M. Dorman,	201 Morrison ave.
3	Maude C. Valentine,	1098 Broadway.
2	Jane M. Taaffe,	159 Morrison ave.
2	Katherine E. Hourahan,	12 Grove st.
1	Clara G. Hegan,	100 School st.
1	Martha A. Jencks,	153 Powder House b'l'v'd.
EVENING SCHOOL PRINCIPALS.		
JOHN A. AVERY, High.		
CHARLES T. MURRAY, Prescott.		
JOHN S. EMERSON, Bell.		
*FRED C. BALDWIN, Forster.		
HARRY F. HATHAWAY, Forster.		
CHARLES E. BRAINARD, Highland.		

*Leave of absence.

TABLE 29.—Teachers in Service January, 1906.—Concluded.

Grade.	NAME.	Residence.
SPECIAL TEACHERS.		
MUSIC.		
7-13	S. Henry Hadley,	46 Pearl st.
6-1	Charlotte D. Lawton,	68 Warrenton st., Boston.
DRAWING.		
9-1	Mary L. Patrick,	Newtonville.
SEWING.		
8-5	Mary L. Boyd,	43 Thurston st.
8-5	Emma J. Ellis,	54 Marshall st.
8-5	Bertha P. Paul,	23 Monmouth st.
PENMANSHIP.		
9-1	Wm. A. Whitehouse,	25 Greene st.

TABLE 30.—OFFICERS IN SERVICE JANUARY, 1906.

	NAME.	Residence.
SUPERINTENDENT.		
	Gordon A. Southworth,	40 Greenville st.
CLERK.		
	Cora S. Fitch,	82 Munroe st.
TRUANT OFFICERS.		
	Lemuel H. Snow,	75 Benton road.
	Jairus Mann,	80 Porter st.

TABLE 31.—SCHOOL JANITORS, JANUARY, 1906.

School.	Name.	Residence.
Latin High, S	Joseph Young	51 Oxford St.
English High, S	Lewis G. Keene	30 Berkeley St.
Prescott, S, 12	George A. McGunnigle	50 Pearl St.
Hanscom, S, 6	Warren Hallett	153 Walnut St.
Davis, F, 4	N. L. Pennock	54 Putnam St.
Bennett, S, 12	Daniel T. Campbell	140 Medford St.
Baxter, S, 6	Israel Winterbottom	2 Bolton St.
Knapp, S, 12	John C. Sampson	40 School St.
Perry, S, 6	Henry C. Bradford	72 Boston St.
Pope, F, 12	Hiram A. Turner	16 Gibbens St.
Bell, S, 12	F. S. Dickinson	1 Putnam St.
Cummings, F, 4	William T. Higgins	53 Prescott St.
Edgerly, S, 12	Charles P. Horton	22 Everett Ave.
Glines, S, 14	Roy C. Burckes	249 School St.
Forster, S, 18	John H. Kelley	19 Sycamore St.
Forster	James L. Whitaker	146-R Sycamore St.
Bingham, S, 16	John F. O'Brien	347 Lowell St.
Carr, S, 16	James W. Rich	206 Highland Ave.
Morse, F, 12	Edwin B. Price	67 Church St.
Proctor, S, 8	Thomas A. Galbraith	104 Highland Ave.
Durell, S, 4	George H. Clapp	35-A Franklin St.
Burns, S, 8	Charles Gallaway	160 Hudson St.
Brown, S, 6	O. M. Pote	23 Howe St.
Highland, F, 12	E. Parker Cook	398 Highland Ave.
Hodgkins, S, 14	Andrew B. Colesworthy	33 Simpson Ave.
Lowe, S, 8	John F. Richardson	190 Morrison Ave.
Lincoln, S, 4	Thomas C. Dame	1 Ellsworth St.

Buildings heated by steam are marked "S," by furnace "F." The numbers show the number of rooms.

The high schools are heated by a single plant in Latin building.

PUBLIC LIBRARY.

BOARD OF TRUSTEES AND OFFICERS.

OF THE SOMERVILLE PUBLIC LIBRARY, YEAR ENDING DECEMBER 31, 1905.

Trustees.

CHARLES A. WEST.	IRVING G. HALL.
EDWARD C. BOOTH, M. D.	FREDERICK W. PARKER.
GEORGE W. PERKINS.	JOHN B. VIALI.
HOWARD D. MOORE.	J. FRANK WELLINGTON.
	CHARLES S. SOULE.

Officers.

CHARLES A. WEST	. . . . .	President.
SAM WALTER FOSS	. . . . .	Secretary.

Committees.

Building and Grounds—Viall, Perkins, and Hall.
Administration—Wellington, Soule, and Parker.
Books and Catalogues—West, Viall, Booth, Wellington, Moore, and Hall.
Finance—Perkins, Hall, and Parker.

Librarian.

SAM WALTER FOSS.

Assistant Librarian.

ADELE SMITH.

Cataloguer.

ESTHER M. MAYHEW.

Assistant Cataloguer.

EDITH B. HAYES.

Children's Librarian.

ANNA L. STONE.

School Librarian.

MARY S. WOODMAN.

Reference and Art Librarian.

MABEL E. BUNKER.

Assistants.

FLORENCE D. HURTER.	CHARLOTTE R. LOWELL.
BESSIE L. DUDDY.	CHARLES A. PERRY.
NELLIE M. WHIPPLE.	F. STUART DEAN.
ALICE W. SEARS.	TRUMAN CUSHING.
FLORENCE M. BARBER.	SAXTON C. FOSS.

Janitor.

CHARLES A. SOUTHWICK.

REPORT OF THE TRUSTEES.

To His Honor, the Mayor, and Board of Aldermen of the City of Somerville:—

The trustees of the public library beg to submit herewith their thirty-third annual report.

It has been the pleasure almost uniformly of this board to record in their annual report an increase in the number of books delivered for home use, and it is again their pleasure to record a substantial increase during the present year of over 40,000 volumes, or a total circulation of upwards of 391,000 as against 353,286 during the year 1904.

The Somerville public library still retains its position in the matter of circulation as second only to the city of Boston in the New England states. As near as can be ascertained by the librarian of congress, it is the twentieth in the United States in this respect, although the sixtieth in point of population. As stated in our previous report, such figures and comparisons are gratifying.

It is also a source of satisfaction that, notwithstanding the increase in circulation during the past year, the business of the library has been conducted without an increase in appropriation, but it must not be expected that this continual growth in the library can go on without a proportionate amount of funds are placed at its disposal.

The general support given to the library by the public must not in any way be discouraged, but, on the contrary, every facility should be given to our citizens, and every encouragement should be offered to them to increase the use of the library. As "the commonwealth requires the education of the people as a safeguard of order and liberty," this municipality should not be in the least backward in supplying suitable literature for the use of its citizens in sustaining and supporting the requirements of our commonwealth.

The public schools are among the foremost of the patrons of the library, and the circulation to the pupils is constantly and steadily increasing. The value of the reference books at their command cannot be overestimated, and during the past year the number of reference works has been materially increased in response to urgent demands. There has been distributed to the various schoolrooms in the city 89,998 books, as against 82,714 books in the previous year. The library supplies 157 schoolrooms with small libraries of usually forty volumes each, which is a very material aid in the general circulation.

There are also supplied 100 books each to ten different Sunday schools, which are gratefully appreciated.

The business done at the six different general agencies shows a very gratifying increase, on the whole; the agencies at West Somerville have increased in greater proportion, in consequence of the large increase in population in that section of the city. Your attention is again called to the importance of considering at no distant date the subject of providing more suitable accommodations to the citizens of West Somerville for the easier access to the privileges of the library. This matter has been frequently considered by the board, who are not only willing, but anxious to do something for the citizens of this section whenever the funds are placed at their disposal. We therefore again recommend the proposition for your serious consideration.

Our house-to-house delivery of books to the homes of people is still continued, to the usual satisfaction of the patrons.

The report of the librarian submitted herewith will furnish a complete record of the business of the library, which speaks for itself, and is an evidence of the faithful work performed by him and his able corps of assistants.

Respectfully submitted,

CHARLES A. WEST,
President.

December 26, 1905.

REPORT OF THE LIBRARIAN.

To the Trustees of the Somerville Public Library:—

I herewith submit the librarian's thirty-third annual report. Below is a statement in detail relative to the various departments:—

The Cataloguing Department.

The cataloguing department, under the supervision of Miss Esther M. Mayhew, has had another busy year. In order to still further simplify the cataloguing system and to gain much additional time, the accession book has been abandoned, all the data preserved in this book now being transferred to the cards of the shelf-list. Considerable time and labor have been saved by this device, and no disadvantage is apparent.

A shelf list for the children's room has been prepared during the past year. All the departments of the library are now equipped with special shelf lists.

Below are the statistics of books withdrawn from the library, books added to the library, and books bound by the library during the year:—

Books Added.

Accession number January 1, 1905	75,173
“ “ “ “ 1906	81,519
Total number of books added during 1905	6,346
Books new to library	3,086
Duplicates	3,260
Total number withdrawn	9,280
Total number of books in library	72,239

Binding.

Volumes rebound	4,319
Periodicals bound	452
Paper-covered books bound	59
Pamphlets	40
Total	4,870

Books Withdrawn.

Number of books worn out	796
“ “ “ lost by general readers	38
“ burned on account of infectious exposure	20
Total number withdrawn	854
Total number of books withdrawn to January 1, 1905	8,426
“ “ “ “ “ during 1905	854
Total	9,280

School Department.

The school department, under the supervision of Miss Mary S. Woodman, has done an increased amount of work. The relations between the library and the schools are very pleasant and, it is hoped, mutually helpful. Below are the statistics for the year:—

Libraries out	151
Volumes out	5,742
Volumes delivered during year	7,384
Circulation during year:—	
Fiction	43,923
Non-fiction	46,075
Total	<hr/> 89,998

These figures represent only a part of the work done by this department. The school librarian makes many visits to the schools, and by consultation with the teachers becomes better informed as to the needs of the schools. Some exhibit of work done by the school pupils is placed on view in the library every year. This year an exhibit of penmanship was held in the library for several weeks, under the supervision of Mr. Whitehouse, the supervisor of penmanship, who gave daily lectures. The various teachers of all the schools, with their scholars, visited the library in regular order. In this way the library aimed to come in direct contact with every pupil in the public schools. At this time every pupil was offered a library card; and thus the library personally tendered its good services to upwards of 10,000 pupils. In this way it reached many hundreds who had never before been brought in contact with the library. The amount of good done in this way is not easily calculated. If some scheme equally effective could be devised to bring all the adults of the city in direct contact with the library, it would be worthy of consideration.

Reference and Art Department.

The reference and art department, under the supervision of Miss Mabel E. Bunker, has done an increased amount of work. Below is given the monthly attendance for the year:—

January	1,499
February	1,552
March	1,440
April	792
May	871
June	1,021
July	637
August	465
September	748
October	1,243
November	1,217
December	853
Total	<hr/> 12,338

During the year there have been fifteen art exhibits, as follows:—

- Rome, No. 3.
- Rome, No. 4.
- Switzerland, No. 2.
- Birds of New England.
- Amiens.
- Switzerland, No. 2.
- (Penmanship of Somerville pupils.)
- Assisi.
- Australia, Tasmania, and New Zealand, No. 1.
- Modern German Sculpture, Pt. 2.
- New Brunswick.
- Florence, No. 5.
- Local views—Beverly, Medford, Westford, Mass., Pawtucket, R. I., and St. Johnsbury, Vt.
- Yachts.
- Venice, No. 4.

Some works of importance have been purchased during the year, among which may be mentioned:—

- Alexandre's Puvis de Chavannes.
- Beach's and Thorne's American Business and Accounting Encyclopaedia.
- Bell's Nuremberg.
- Ditchfield's Picturesque English Cottages and Their Doorway Gardens.
- Foster's Miniature Painters.
- Great Events by Famous Historians.
- Hodgson's and Eaton's Royal Academy and Its Members.
- Jungman's Norway.
- Klassiker Kunst, 4v.
- Lippincott's New Gazetteer of the World.
- Mason's Indian Basketry, 2v.
- Mitton's Scenery of London.
- Moore's Lace Book.
- Palmer's English Lakes.
- Ricci's Pintorricchio, His Life, Work, and Times.

Again the reference room is becoming painfully overcrowded. To relieve the pressure for a few years, low shelves might be built around the exhibit room, reserving space enough above them for the exhibition of pictures.

The Children's Department.

The children's department, under the supervision of Miss Anna L. Stone, still continues one of the most important departments of the library. Every effort has been made to beautify and enliven the children's room. Several attractive pictures have been purchased for the walls, and during the year many pleasant and educative picture bulletins have been exhibited.

The removal of the newspaper room from the proximity of the children's room has been a good thing in every respect. Much better order can be maintained in the children's room, and the newspapers, in their new quarters, are much more generally read than formerly.

A large number of duplicate books have been purchased during the year, and a large number should be purchased in the immediate future. The Sunday schools, in their selection of books, draw more largely from the children's room than from the rest of the library, and this necessitates a large purchase of juvenile works.

The circulation of the children's room during the year has been 70,184, of which 54,746 have been fiction and 15,438 other works. This of course does not represent the aggregate of juvenile circulation. It is probably not an exaggeration to say that the children take as many books from other parts of the library as from the children's room.

Agencies.

The agencies continue to do good service, though from the nature of the case their work cannot be entirely satisfactory to the public. Of course, it is impossible for the stores where these agencies are installed to give up a very large space to books from the public library. Although an increasing number of books are furnished the agencies, the public complains at the meagreness of our collections. More complaints come from the West Somerville agencies than elsewhere. A branch library in this section of the city would remedy many difficulties.

Below is a table of circulation of the different agencies during the year:—

Agencies.	Teale Square.	West Somerville.	East Somerville.	South Somerville.	Union Square.	Highland.
January	700	387	58	268	54	
Shelves	1,126	1,790	684		389	
February	667	375	46	205	17	45
Shelves	997	1,547	590			618
March	649	333	43	272	25	47
Shelves	1,180	1,521	584		509	808
April	642	303	39	315	16	32
Shelves	1,061	1,472	400		149	848
May	784	359	48	344	21	52
Shelves	1,213	1,788	644		348	623
June	530	298	24	217	19	26
Shelves	1,263	1,267	520		496	704
July	494	256	32	214	8	29
Shelves	1,058	1,276	477		385	639
August	405	322	22	294	21	30
Shelves	1,247	1,537	820		467	1,239
September	323	264	16	227	15	8
Shelves	1,044	1,367	455		332	1,105
October	508	412	18	266	33	8
Shelves	1,311	1 680	575		422	1,015
November	463	368	32	212	25	9
Shelves	1,167	1,319	607		389	1,284
December	428	323	38	230	19	18
Shelves	957	1,140	664		196	869
Totals	20,217	21,704	7,436	3,064	4,355	10,056

General Work.

The general work of the library, under the immediate supervision of Miss Adele Smith, the assistant librarian, shows a continued development and increase.

The general circulation figures of the year are as follows:—

January	36,904
February	34,102
March	37,037
April	33,563
May	39,761
June	29,072
July	22,707
August	25,648
September	20,730
October	38,943
November	37,787
December	35,529
Total	<u>391,783</u>

Last year the circulation was 353,286. There is consequently a net increase the current year of 38,497, or about eleven per cent.

Below is given our circulation by classes, exclusive of fiction:—

General works	7,493
Philosophy	1,608
Religion	3,419
Sociology	13,822
Philology	517
Natural science	10,218
Useful arts	3,699
Fine arts	7,077
Literature	15,398
History	32,862
Total of general delivery	<u>96,113</u>
Total of children's room	15,438
Total of specials	1,273
Total of other works	<u>112,824</u>
Fiction	278,959
Other works	112,824
Total	<u>391,783</u>
Percentage:—	
Fiction	71 1-3%
Other works	28 2-3%

Below is the statistical statement of the general work of the year:—

Volumes in library	81,519
Volumes added	6,346
Total circulation	391,783
Delivered from children's room	70,184
“ “ Teele square	6,593
“ “ “ “ shelves	13,624

Delivered from	West Somerville	. . . . .	4,000
"	"	" shelves	17,704
"	"	East Somerville	416
"	"	" shelves	7,020
"	"	South Somerville	3,064
"	"	Union square	273
"	"	" shelves	4,082
"	"	Highland	304
"	"	" shelves	9,752
"	"	Knapp school	1,246
Volumes out in	Sunday schools		1,233
"	" school libraries		7,384
Visitors in reference room			12,338
Cards issued			4,902
Fines		\$665 65	
Books		65 97	
Telephone		13 46	
Total		<u>\$745 08</u>	

During the year 328 vacation cards were issued, upon which 1,947 books were taken out; 3,284 books were delivered to the homes of the people by our delivery boys. The following Sunday schools take books from the library, most of them in lots of 100 each: Bow-street Methodist, Park-avenue Methodist, Flint-street Methodist, Perkins-street Baptist, Prospect-hill Congregational, the Second Adventist, the Second Unitarian, the Spring-hill Baptist, the West Somerville Baptist, and the Winter-hill Universalist. Seventy-five books are also sent to the police station. The Somerville Boys' club has lately begun to receive books from the library.

Inventory.

During the year a thorough inventory of the entire library has been taken. Under our present conditions this is an undertaking that involves much more labor than a person unfamiliar with the library could realize. First it is determined how nearly the shelves correspond to the shelf list. When the shelves and the shelf list are first compared, of course a very large number of books are apparently missing. Then the discharging tray is examined to ascertain how many of these books are regularly charged to readers. After that the special list is examined to learn how many of the books are out with the holders of special cards. Then the agency list is examined to ascertain if the book is charged to any of our agencies. In the same way "To-day's Slips," the "Starred" books, the bindery slips, the bindery books, the reading room, the school libraries, the new book shelves, etc., have to be thoroughly examined before a book can be pronounced missing. It would be interesting, if possible, to know how long it takes to "run down" a book and ascertain whether it is lost or not. After all this process, the work is only begun. A second and a third inventory is taken, when the same process

is again repeated. During these subsequent inventories fully fifty per cent. of the books charged as lost are discovered, and if the inventories should be indefinitely continued, it is probable that we should indefinitely continue to find books.

Below is the statement by classes of the number of books missing in 1905:—

Magazines	12
French	5
German	2
General	0
Philosophy	4
Theology	5
Sociology	9
Natural science	14
Useful arts	9
Literature	26
Biography	11
Travel	14
History	18
Philology	4
Music	5
Fiction	172
Children's room	173
Reference, art, and Americana rooms	7
Total	<hr/> 490

In common with many librarians, I believe that the most careful inventory is sure to make an overstatement of the books lost. So many books are found months, and sometimes even years, after they have been declared lost that all inventory figures must be taken with much allowance. Considering the great number of books handled, the Somerville library's record of lost books is not a large one. None of the books lost are of much market value, and I do not believe that any professional thief is operating. There is no doubt that formerly books were sometimes taken from the library without being charged. Of course these books had to be counted as missing. A few months ago two sets of turnstiles were installed in the library. These turnstiles will make it much more difficult for a person to leave the library without having his books properly charged. It is hoped that they may practically break up the practice.

Growth.

The taking of the regular five-year census during the present year furnishes an occasion to compare the growth of the library and the growth of our population. Somerville is reckoned among the rapidly-growing cities of the commonwealth. In 1895 the population of the city was 52,200; in 1905 the population is 69,272, an increase of about thirty-two per cent. In 1895 the public library was closed for four months, in order to install

the new stacks. But, reckoning the circulation of these months the same as the circulation of the corresponding months of the previous year, the circulation of books would have been 96,998. In 1905 our circulation is 391,783, an increase of over 300 per cent. While the population has increased thirty-two per cent., the circulation of the library has increased upwards of 300 per cent. If the population of the city had increased as rapidly as has the circulation of the public library, we would now be a city of over 200,000 population. If the reading of good books is the standard of the community's intelligence, these statistics should be gratifying to our people. The library has increased correspondingly in other respects. In 1895 the staff consisted of librarian and three assistants. There are now twelve assistants. Since that date the reference room has been opened to the public, a children's department has been added, and a school librarian has been appointed, who practically devotes her exclusive time to the service of the schools. An addition doubling its capacity has been annexed to the library. The growth of the library cannot be expected to continue at this rate indefinitely, although there are at present no indications of its diminution. Such being the conditions of our growth, it is evident that at least a slight increase in our appropriation is needed each successive year.

The library has received the following donations of books, pamphlets, and periodicals during the past year:—

List of Donations.

	Vols.	Pamph.	Period.
Association of the Bar	1		
Bates College		3	
Boston Atheneum		1	
Boston Children's Friend Society		1	
Boston Economic Club		2	
Boston Five Cents Savings Bank	1		
Bostonian Society	1		
Bennett Fund, Trustees of	1		
Berry, Charles W.	1		154
Brown University	2	1	
Browning Club		1	
Cambridge, Mass.		1	
Chamber of N. Y. Commerce		1	
Chandler, Hon. L. B.		3	
Children's Institutions		1	
Cutler, S. Newton	4		
Dalton, Mrs. Charles X.	2		
Dartmouth College	1		
Dolbear, A. E.		1	160
Elliot, Charles D.		1	
Foss, Sam Walter	3	1	
Goldsmith, Benj. W.	7	2	
Gould, Levi	1		
Green, Samuel S.		1	
Hapgood, John G.	5		
Harvard University	2		
Hayes, Edith B.			34
Herbert, John			50
Hill, James R.	3		
Hillside Club		2	
Indian Rights Association		1	
Irish Reform Association		1	
Lake Mohawk Conference	1		
Library of Congress	4		
Lincoln, Charles P.		2	
Littlefield, George E.		1	
Luce, Robert	1	24	
Marshall, William I.	1		
Massachusetts	28	1	
Massachusetts Civic League		1	
Massachusetts Institute of Technology	1		
Metropolitan Water Board	1		
Middlesex County	1		
Missouri World's Fair, Commission	1		
Moon, Robert C., M. D.		2	
Morse Institute		1	
Mount Auburn Cemetery		1	
Museum of Fine Arts	1		
National Educational Association		1	
Nebraska Library Commission		1	
Carried forward	75	60	398

LIST OF DONATIONS.—Continued.

	Vols.	Pamph.	Period.
Brought forward	75	60	398
Newcomb, H. T.	1		
New Hampshire College of Forestry		1	
New York Merchants' Association		1	
Peabody Institute		2	
Pennsylvania Home Teaching Society		1	
Perkins Institute	2	1	
Phillips, S. L.	1		
Pratt Institute		1	
Providence Atheneum		1	
Public Libraries : —			
Allegheny, Pa. (Carnegie Library)		1	
Arlington (Robbins Library)		1	
Atlanta, Ga. (Carnegie Library)		2	
Baltimore (Enoch Pratt Library)		1	
Beverly		1	
Boston		1	
Braddock, Pa. (Carnegie Library)		1	
Bradford, Pa. (Carnegie Library)		1	
Brockton		1	
Bromley, Eng.		3	
Brookline		1	
Brooklyn, N. Y.		1	
Burlington, Vt. (Fletcher Library)		1	
Canton		1	
Cedar Rapids, Iowa		1	
Chelsea (Fitz Library)		1	
Chicago, Ill. (John Crerar Library)		1	
Cleveland, Ohio	1		
Clinton (Bigelow Library)		1	
Concord		1	
Concord, N. H.		1	
Davenport, Iowa		1	
Dayton, Ohio		2	
Detroit, Mich.		1	
District of Columbia		2	
Erie, Pa.		1	
Everett (Parlin Library)		1	
Everett (Shute Library)		1	
Fall River		6	
Fitchburg		1	
Groton		1	
Hagerstown, Maryland		1	
Halifax, N. S.	1		
Hartford, Conn.		1	
Haverhill		1	
Hoboken, N. J.		1	
Hyde Park		1	
Jersey City, N. J.		1	
Lancaster,		1	
Lawrence		1	
Los Angeles, Cal.		1	
Ludlow, Vt. (Fletcher Memorial Library)		1	
Carried forward	81	118	398

LIST OF DONATIONS. — Continued.

	Vols.	Pamph.	Period.
Brought forward	81	118	398
Public Libraries (Continued):—			
Lynn		1	
Malden	1	1	
Manchester, N. H.		1	
Medford		1	
Milwaukee, Wis.		1	
Nashville, Tenn. (Carnegie Library)		1	
Newark, N. J.		2	
New Bedford		1	
Newburyport		2	
New Haven, Conn.		1	
Newington, N. H.		2	
New Orleans, La.		1	
Newton		1	
Niagara Falls, N. Y.		1	
North Adams (Houghton Memorial Library)		1	
Northampton		1	
Northampton (Forbes Library)		2	
Norwich, Conn. (Otis Library)		2	
Omaha, Nebraska		1	
Paterson, N. J.		1	
Peoria, Ill.		1	
Philadelphia, Pa.		1	
Pittsburg, Pa. (Carnegie Library)		1	
Plainfield, N. J.		1	
Portland, Me.		1	
Poughkeepsie, N. Y. (Adriance Memorial Library)		2	
Providence, R. I.		1	
Quincy (Thos. Crane Library)		1	
Reading, Pa.		1	
Rochester, N. H.		1	
St. Louis, Mo.		1	
Salem, Mass.		1	
San Francisco, Cal.		1	
Scranton, Pa.		1	
Seattle, Washington		2	
Springfield		1	
Syracuse, N. Y.		1	
Toledo, O.		1	
Waltham		1	
Wakefield		1	
Watertown		1	
Westborough		1	
Weymouth (Tufts Library)		1	
Winchester		1	
Winthrop		1	
Woburn		1	
Worcester		1	
Public Reservations		1	
Ralston and Siddons		2	
St. Louis Mercantile Library Association		1	
Sanborn, Carrie A.	7	10	
Sanborn, Helen J.	1		
Scott, Mrs. J. W.	3		
Simmons College	2	1	
Simonds, Mrs.	77	17	91
Society of Psychical Research		1	
Carried forward	172	205	489

LIST OF DONATIONS. — Concluded.

	Vols.	Pamph.	Period.
Brought forward	172	205	489
Somerville, Mass.	1		
Sprague, Homer B.	1		
State Library Commission	2	1	
Superintendent of Immigration (Ottawa)	1		
Tufts College	1	2	
Union Press, Philadelphia	1		
United States	15	1	
University of Chicago	10		
University of Cincinnati		1	
University of Colorado	1		
Viall, John B.	1		
Washburn, Frank D.	38		
West, Mabel	1		
Western Reserve University		1	
Wilmington Institute		2	
Woodman, J. E.		3	
Worcester Board of Trade			1
Totals	245	216	490

Remarks.

As in many public libraries, the percentage of fiction is still about three times the circulation of all other books together. The library, through the special reading committee, takes unusual precaution to seek out novels of real merit. After the merit of a novel is determined as far as human fallibility can determine it, it is purchased in as large numbers as our funds will permit. I feel that our readers are given as many privileges in this line as we are justified in offering them. But it seems to me our readers of non-fiction, the comparatively small fraction who use what may be called the solid reading of the library, can safely be granted much greater privileges. Readers are now allowed to take out one book of fiction and one of non-fiction, or two books of non-fiction. I recommend that while readers shall still be restricted to one book of fiction, they may be allowed to take out as many books of non-fiction as they desire. I see no insuperable difficulty in the way to prevent us from doing this. As I have said, only about thirty per cent. of our readers are non-fiction readers, so the library will not be swamped by the number of people who will avail themselves of this new privilege. Now while the number of our non-fiction readers is only about thirty per cent of the entire number, the number of non-fiction books in the library is, at a rough estimate, upwards of eighty per cent. If the whole number of non-fiction readers, which is very improbable, should ask for an increased number of books, eighty per cent. of the books of the library would be accessible to the

increased demand. The greater proportion of these books are now seldom used, and if any plan can be devised to render their use more general, a decisive benefit to the community will result. I submit this recommendation to your careful consideration.

My thanks are due to the members of the staff for their faithfulness, and to your board for your kindly co-operation.

SAM WALTER FOSS,
Librarian.

December 26, 1905.

BOARD OF HEALTH

1905

ALLEN F. CARPENTER, Chairman
EDMUND S. SPARROW,
WESLEY T. LEE, M. D.

OFFICERS OF THE BOARD OF HEALTH.

WILLIAM P. MITCHELL, Clerk and Agent to Issue Burial Permits.

CALEB A. PAGE, Agent.

FRANK L. MORSE, M. D., Bacteriologist.

CHARLES M. BERRY, Inspector of Animals and Provisions.

JULIUS E. RICHARDSON, Milk Inspector.

DUNCAN C. GREENE, Plumbing Inspector.

EDGAR T. MAYHEW, Superintendent Collection of Ashes and Offal.

REPORT OF THE BOARD OF HEALTH.

OFFICE OF THE BOARD OF HEALTH, }
CITY HALL, January 1, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—We respectfully submit the following as the twenty-eighth annual report of the board of health, in which is presented a statement, tabulated and otherwise, of the sanitary condition of the city and the business of the board for the year ending December 31, 1905:—

Nuisances.

A record of nuisances abated during the year, in compliance with notices issued by the board, or under the board's direction, is presented in the following table:—

NUISANCES ABATED IN EACH DISTRICT IN 1905.

(SEE DESCRIPTION OF DISTRICTS IN LATTER PART OF THIS REPORT.)

	I.	II.	III.	IV.	V.	VI.	VII.	VIII.	IX.	X.	Total.
Population (estimated).	6,853	6,985	5,315	5,529	15,416	10,755	5,056	4,670	4,840	4,581	70,000
Bakery offensive	1	.....	.....	.....	1	1	.....	.....	1	1	5
Cellar damp	5	3	2	2	6	4	3	4	2	4	35
Cesspool offensive . . . . .	.....	.....	.....	.....	.....	.....	.....	2	.....	3	5
Cow barn offensive . . . . .	.....	.....	.....	2	1	1	.....	1	.....	2	7
Cows kept without license . . . . .	.....	.....	.....	1	.....	1	.....	.....	1	2	5
Drainage defective	14	12	16	13	11	15	14	13	11	13	132
Drainage emptying into cellar	3	1	2	1	3	4	2	1	2	1	20
Drainage emptying on surface	4	2	3	2	1	4	4	2	1	2	25
Fish offal	1	.....	.....	.....	.....	.....	.....	.....	1	.....	2
Goats kept without license	1	.....	1	.....	.....	1	.....	.....	.....	.....	3
Hens in cellar	3	1	3	2	1	.....	.....	.....	1	1	12
Hennery offensive	3	2	1	1	1	1	1	3	2	7	22
Manure exposed and offensive	4	3	3	4	2	3	3	2	2	4	30
Manure pit defective	5	3	3	2	1	2	1	2	1	3	23
Offal on land	2	1	1	1	2	1	1	1	2	1	13
Offensive odor in and about dwellings	4	2	1	1	2	2	3	3	2	2	22
Pigs kept without license	1	1	.....	2	2	.....	1	.....	.....	1	8
Premises dirty	15	8	9	11	8	9	7	8	6	8	89
Privy-vault offensive	1	4	.....	.....	.....	4	.....	.....	.....	.....	9
Rabbits . . . . .	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Rubbish in cellar	5	4	1	3	3	2	4	2	2	3	29
Slops thrown on surface	5	3	2	4	2	3	2	2	1	3	27
Stable infected with glanders	17	4	1	2	2	.....	1	1	.....	.....	28
Stable and stable premises filthy and offensive	3	1	4	3	2	5	2	2	1	4	27
Stable without drainage	2	1	1	2	2	1	1	1	1	2	14
Stagnant water on surface	1	2	1	1	1	2	1	2	1	3	15
Water-closet defective	5	3	6	8	4	5	4	3	5	6	49
Water under stable	1	1	2	2	.....	1	.....	1	.....	4	12
Total	106	63	63	70	58	72	55	56	46	80	669

Number of nuisances abated	669
Number of nuisances referred to board of 1906	60
Number of nuisances complained of	729
Number of complaints (many covering more than one nuisance)	427
Number of notices mailed	501
Number of notices served by constables	4

In addition to the above, 267 dead animals have been removed from the public streets, and many nuisances have been abated on verbal notice from the agent, without action by the board, of which no record has been made. Each spring the whole city is examined, and cellars, yards, and alleyways where rubbish and filth have collected are required to be cleaned.

Glanders.—Twenty-eight cases of glanders have been reported during the year. Prompt action was taken in every case, and twenty-seven of the horses were killed, one being released from quarantine by order of the cattle commissioners.

Permits.

The record of permits to keep cows, swine, goats, and hens, to collect grease, and to remove manure is as follows:—

Cows.—Thirty-eight applications were received for permits to keep 153 cows. Thirty-three permits to keep 129 cows were granted, and five permits were refused.

Swine.—Nineteen applications were received for permits to keep thirty-four swine. Seventeen permits were granted to keep thirty swine, and two permits were refused. The fee is one dollar for each swine.

Goats.—Six applications were received for permits to keep six goats. Five permits were granted to keep five goats, and one permit was refused. The fee is one dollar for each goat.

Hens.—Seventy-three applications for permits to keep 1,627 hens were received. Sixty-nine permits to keep 1,566 hens were granted, and four permits were refused.

Grease.—Fifteen applications were received for permits to collect grease, fourteen of which were granted. The fee is two dollars. Four of the parties licensed reside in Somerville, two in Charlestown, five in Cambridge, two in Boston, and one in Chelsea.

Manure.—Two permits were issued during the year for the carting of manure through the streets of the city in the daytime between May 1 and November 1. All permits issued for the removal of manure from the stables in the city in the daytime, or for carting through the streets of the city, remain in force until revoked. No fee is charged for these permits.

Melting and Rendering.—Three parties have been licensed to carry on the business of melting and rendering, under the provisions of the revised laws of 1902, chapter 75, section 111.

Pedlers.

One hundred and fifty-two certificates of registration were issued to hawkers and pedlers during the year under the provisions of ordinance number 27—an increase of five over the year 1904. One hundred and eighteen certificates have been renewed during the year. Each pedler is required to present a writing from the sealer of weights and measures, showing that his measures have been properly sealed, before a certificate is issued to him. Pedlers are also required to present their vehicles at the police station the first Monday of each month for inspection by the agent of the board, that he may see they are kept in a clean condition, and are properly marked with the owner's name and number.

Ashes.

For several years past the ashes have been removed by this department with teams owned and men hired by the city, under a competent superintendent, who also superintends the collection of house offal.

An average of twenty-eight men, with seventeen horses, thirteen carts, and four wagons for the collection of waste paper, has been employed in the work.

The collections are made weekly, as follows:—

Monday	in district one.
Tuesday	“ two.
Wednesday	“ three.
Thursday	“ four.
Friday	“ five.
Saturday	“ six.

MONDAY, DISTRICT NO. 1.

Comprises the entire area extending easterly to the cities of Boston and Cambridge, from a line drawn across Somerville, commencing on Mystic avenue, and extending through Cross street, Central square, Medford street, Washington street, Prospect street, Webster avenue, Tremont street to the Cambridge line and including collection on both sides of the above-named streets along the division line described.

TUESDAY, DISTRICT NO. 2.

Comprises the entire area extending westerly from the previously-described district number 1 to a line drawn across the city, commencing on Mystic avenue, and extending through Wheatland street, across Broadway, through Walnut street, and extending across Bow street and Somerville avenue, through Hawkins street, Washington street, Perry street, Wyatt street, Concord avenue, crossing Beacon street to the Cambridge line, and including collection on both sides of the above-named streets along the division line described.

WEDNESDAY, DISTRICT NO. 3.

Comprises the entire area extending westerly from the previously-described district number 2, to a line drawn across the city, commencing at the Medford boundary line at Main street, and extending easterly along said Main street, across Broadway, through Sycamore street,

thence easterly on Highland avenue, through School street, thence westerly on Somerville avenue, through Dane street and Washington street to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

THURSDAY, DISTRICT NO. 4.

Comprises the entire area extending westerly from the previously-described district number 3, to a line drawn across the city, commencing at the Medford line at Magoun square, and extending on Medford street to Lowell street, thence easterly on Somerville avenue and through Park street to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

FRIDAY, DISTRICT NO. 5.

Comprises the entire area extending westerly from the previously-described district number 4, to a line drawn across the city, commencing on Broadway, and extending through Willow avenue to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

SATURDAY, DISTRICT NO. 6.

Comprises the entire area extending westerly from Willow avenue to the Medford, Arlington, and Cambridge lines.

RULES AND REGULATIONS FOR COLLECTION OF ASHES AND OFFAL.

Ashes must be put in suitable receptacles not larger than an ordinary flour barrel, and must be kept free from all other refuse matter.

House offal or garbage must be kept free from all other refuse matter, and in suitable vessels.

All other refuse, such as paper, rags, excelsior, straw, mattresses, old clothes, pasteboard boxes, carpets, etc., must be kept free from ashes and garbage, and placed in suitable packages or barrels to prevent being scattered in handling.

All ashes and refuse matter for removal must be placed on the outer edge of the sidewalk, on or before seven o'clock in the morning of the day when the collection is to be made.

Earth, gravel, bricks, mortar, stones, lime, plaster, cement, concrete, or refuse material from repairs or construction of buildings will not be removed by this department.

The department will remove tree trimmings, vine cuttings, and yard cleanings during the spring and summer months.

Employees of this department are not allowed to enter cellars, cellar-ways, bulkheads, or areas for the removal of ashes or offal.

Disposal of City Offal.

How to dispose of the city's offal in the most expeditious, sanitary, and profitable manner has always been a perplexing question. For many years garbage was supposed to have no value, and the city was obliged to pay for its removal; but as its use as a food for swine became recognized, its worth was appreciated, and a contract was made for its disposal without expense to the city. The demand for it increased, and a contract was

later made by which the city received a financial compensation. The last contract was made in 1900 for a period of five years, and the city was to receive the sum of \$1,100 annually. The contract expired April 1, 1905, and this board determined, after careful investigation and deliberation, that the city's offal could be much more profitably disposed of by establishing a plant where it could be sold directly to customers.

Necessary buildings were constructed by recommendation of his honor the mayor April 5, 1905, on the city's land adjacent to the health department stables, and the sale of the offal at this place has continued during the last nine months of the year. During this time the amount received has been \$4,549.86, while the added expense of handling it, exclusive of the cost of installing the plant, has been \$470, leaving a net income for the nine months of \$4,079.86.

Since the first few weeks when the new system was getting into running order, the demand has equaled the supply, and the offal has been disposed of as fast as it has been collected, and in a sanitary and satisfactory manner. The force employed consists of twenty-three regular men, with eleven horses and eleven wagons.

Stables.

Under the provisions of sections 69 and 70 of the revised laws of 1902, seventeen petitions for licenses to erect and use stables were received and disposed of as follows:—

Number granted	8
Number refused	8
Number referred to board of 1906	1

Board of Infants.

Eight parties, whose applications were first approved by this board, have been licensed by the state board of charity to care for sixteen children, in this city, under the provisions of chapter 83 of the revised laws of 1902.

Deaths.

There were 968 deaths and sixty stillbirths in the city during the year, as specified in the following table, which shows an increase of deaths over the previous year of four:—

Deaths at Somerville hospital during the year	53
Deaths at Cherry-street hospital	2
Deaths at home for aged poor (Highland avenue),	51
Deaths at home for aged (Grand View avenue)	1
Deaths at City home	2

DEATHS BY AGES.

AGES.	Total.	Male.	Female.
Under one	157	76	81
One to two	23	14	9
Two to three	10	4	6
Three to four	13	9	4
Four to five	11	10	1
Five to ten	29	17	12
Ten to fifteen	9	5	4
Fifteen to twenty	17	9	8
Twenty to thirty	67	28	39
Thirty to forty	68	33	35
Forty to fifty	80	31	49
Fifty to sixty	98	48	50
Sixty to seventy	132	74	58
Seventy to eighty	172	70	102
Eighty to ninety	74	21	53
Ninety and over	8	4	4
Total	968	453	515

Of the stillborn, 32 were males and 28 females.

Mortality in Somerville in 1905.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
I. GENERAL DISEASES.													
<i>(A. Epidemic Diseases.)</i>													
Scarlet fever		1	1			1		1					4
Diphtheria	3	2		1	1	1			1	2	3	3	17
Typhoid fever				1		2	1			1	3	1	9
Erysipelas		1	1			2		1			1	1	7
Cholera morbus								1					1
Dysentery		1			1		2	6					10
La grippe	4	3	3	3	1							3	17
<i>(B. Other General Diseases.)</i>													
Septicæmia	1	1	1										3
Rheumatism	1	3	1										5
Pernicious Anæmia			3	1					1	1	1		7
Chlorosis			1										1
Cancer	4	2	7	4	4	3	6	3	6	4	5	4	52
Tumor				1	1	1		1					5
Leukæmia		1											1
Diabetes	1								1	1	2		5
Syphilis ¹	1												1
Tuberculosis	4	8	10	12	10	4	8	9	6	4	2	7	84
Tubercular meningitis			1				3		2	1	1		8
Exophthalmic goiter					1								1
II. DISEASES OF THE NERVOUS SYSTEM.													
Meningitis	2	2	4	1	2		1	1		2	1		16
Apoplexy	4	3	6	6	3	3	8	4	8	4	7	8	64
Paralysis	4	1	3	2	1	4	1	1		1			18
Brain diseases			1				1	1			1	1	5
Convulsions	2			3							1		6
Neuritis	1												1
Spinal disease		1		1					1				3
Hemiplegia	1		2		1	2				1		2	9
Epilepsy			1			1		1			1		4
Myelitis									1		1		2
Eclampsia		1	1					1			1		4
III. DISEASES OF THE CIRCULATORY SYSTEM.													
Heart disease	3	9	3	12	6	2	8	10	2	8	10	9	82
Endocarditis	2				1			10			3		6
Myocarditis	1		1	1	3	2	1	1		1	2		13
Pericarditis				1								1	2
Angina pectoris	1		1	1	1		1				1		6
Cyanosis	1												1
IV. DISEASES OF THE RESPIRATORY SYSTEM.													
Pneumonia	14	19	14	14	10	4	5	2	5	11	15	14	127
Bronchitis	5	2	3	3	3		2	2	1	3	5	2	31
Hemorrhage										2			2
Asthma			2		1						1	2	6
Pulmonary œdema	3		1	1	1					1		1	8
Emphysema									1				1

MORTALITY IN SOMERVILLE IN 1905. — Concluded.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
V. DISEASES OF THE DIGESTIVE SYSTEM.													
Colitis						1	1	4	1				7
Gastritis	1	2	2		1	2			1				9
Peritonitis			1		1	1			1		1		5
Diarrhoea							1	3	1		1		6
Cholera infantum						1	10	6	3	2			22
Liver disease			1						2				3
Ptomaine poisoning		2											2
Gastric ulcer							1						1
Enteritis			1		3	2	7	8	2	4	1		28
Hernia			1	1	1								3
Intestinal obstruction	3			1	1					1			6
Appendicitis		1		1		1	1		1	2			7
Cirrhosis liver			1		2			2				1	6
Jaundice	1					1							2
VI. DISEASES OF GENITO-URINARY SYSTEM.													
Bright's disease	2	2	3	2	1	2	1			1			14
Cystitis		2	1		1	1	1		1	1	1		9
Nephritis	5	6	9	2		5	7	3	5	5	5	11	63
VII. CHILDBIRTH.													
Childbirth	1			1	2		1		2	1	1		9
VIII. DISEASES OF THE SKIN.													
Abscess					1	1		1	1		1		5
Eczema			1										1
Erythema			1										1
Gangrene	1	1			1	1	1	1	1				7
Ulcer									1				1
IX. DISEASES OF THE LOCOMOTOR SYSTEM.													
Ostitis						1							1
X. MALFORMATIONS.													
Hydrocephalus	1		1						1		1		4
Malformation	3	1									1		5
XI. EARLY INFANCY.													
Inanition	1	2							3		1		7
Atelectasis			1					1					2
Asphyxia neonatorum					1								1
Premature birth and congenital debility	4		6	1	5	2	1	5	4	2	1	1	32
XII. OLD AGE.													
Old age		1	1	2	2		1	1	2	1	4	3	18
XIII. VIOLENCE.													
Alcoholism	1						1						2
Drowning						1	1						2
Railroad	1		1		1		1		1		1	1	7
Suicide	1					1			1				3
Burning			1				1			2			4
Poisoning									1				1
Fracture of skull		1	2										3
Gas poisoning	1					1							2
Concussion of brain										1			1
Bullet wound								1					1
Total	90	82	107	80	76	57	86	82	72	71	88	77	968
Stillborn	8	4	6	3	4	6	4	6	5	4	4	6	60

Population (estimated) 70,000
 Death rate per thousand 13.8

Social Relations of Decedents.

Married	334
Single	381
Widow	188
Widower	62
Divorced	2
Unknown	1
Total	968

Nativity of Decedents.

Somerville	233
Massachusetts	237
Other New England states	162
Other states	34
Canada	74
England, Scotland, and Wales	38
Ireland	158
Italy	11
Norway and Sweden	6
Russia	5
Other countries	8
Unknown	2
Total	968

Nativity of Parents of Decedents.

	Father	Mother
Somerville	11	21
Massachusetts	171	173
Other New England states	167	163
Other states	29	18
Canada and provinces	126	144
England, Scotland, and Wales	63	52
Ireland	294	301
Italy	14	12
Norway and Sweden	18	13
Russia	6	6
Other countries	26	21
Unknown	43	44
Total	968	968

Of the parents of the stillborn, 25 fathers and 31 mothers were natives of the United States, and 35 fathers and 29 mothers were of foreign birth.

Diseases Dangerous to the Public Health.

This board has adjudged that the diseases known as small-pox, scarlet fever, diphtheria, membranous croup, typhus fever, typhoid fever, chicken-pox, pulmonary tuberculosis, cerebrospinal meningitis, and cholera are infectious, or contagious, and dangerous to the public health and safety within the meaning of the statutes. Physicians are required to report immediately to the board every case of either of these diseases and all cases of measles coming under their care, and postal cards conveniently printed and addressed are supplied to them for the purpose. On receipt of a card from a physician, the superintendent of schools, the principal of the school in the district in which the

patient resides, and the librarian of the public library are notified, and state board of health.

Scarlet Fever.—One hundred thirty-seven cases of scarlet fever have been reported during the year, four of which resulted fatally. In 1904 there were one hundred nineteen cases, three of which resulted fatally.

Diphtheria.—One hundred and ninety-nine cases of diphtheria have been reported during the year, seventeen of which were fatal. In 1904 there were three hundred and seventy-one cases, fourteen of which proved fatal. Anti-toxin has been provided by the state board of health, and placed by this board in central locations for use by physicians in cases where people are unable to purchase the same. Culture tubes for diphtheria and sputum bottles for suspected tuberculosis have been obtainable at the same stations.

Warning cards are used in dealing with scarlet fever and with diphtheria, and the premises are fumigated by the use of the formaldehyde gas regenerator, immediately after the termination of the case. An inspection is made by the agent of the board of the premises where diphtheria is reported, and all sanitary defects discovered are required to be remedied as soon as possible.

Tuberculosis.—Fifty-three cases of tuberculosis have been reported during the year. There were eighty-four deaths from this disease.

Typhoid Fever.—Fifty-two cases of typhoid fever have been reported during the year, nine of which have proved fatal. In 1904 there were ninety-six cases reported, eleven of which were fatal.

Typhus Fever, Cholera.—No cases of typhus fever or cholera have been reported the past year.

Smallpox.—No cases of smallpox have been reported during the year.

Number of cases of scarlet fever and diphtheria for which houses were placarded	336
Number of premises disinfected by agent	572

Disinfection.

It will be seen by the foregoing figures that, in addition to the 336 premises infected with scarlet fever or diphtheria, 236 other premises were disinfected. Thirty-four disinfections were made at the request of attending physicians whose patients had been ill with typhoid fever or cancer. One hundred and sixteen schoolrooms were disinfected for scarlet fever or diphtheria, and eighty-six premises for tuberculosis, in compliance with the regulations passed by this board.

Many library books have also been disinfected, and quantities of infected bedding and other material have been burned.

TABLES.

The prevalence of scarlet fever, diphtheria, and typhoid fever in the city during the several months of the year 1905 is shown by the following table, and in the table next following is given the number of deaths from these three diseases, by months, during the last ten years:—

Scarlet Fever, Diphtheria, and Typhoid Fever Reported in 1905.

MONTHS.	SCARLET FEVER.			DIPHTHERIA.			TYPHOID FEVER.		
	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.
January . . .	6	...	...	35	3	8.6	...	...	...
February . . .	7	1	14.3	21	2	9.5	6	...	...
March . . .	16	1	6.3	11	...	...	1	...	...
April . . .	10	...	...	18	1	5.6	2	1	50.0
May . . .	7	...	...	15	1	6.7	5	...	...
June . . .	6	1	16.4	9	1	...	2	2	100.0
July . . .	4	...	...	1	...	...	3	1	33.3
August . . .	7	1	14.3	4	...	...	10	...	...
September . . .	7	...	...	22	1	4.6	10	...	...
October . . .	16	...	...	21	2	9.5	9	1	11.1
November . . .	19	...	...	13	3	15.8	3	3	100.0
December . . .	32	...	...	23	3	13.1	1	1	100.0
Total	137	4	2.9	199	17	8.6	52	9	17.3

Deaths from Scarlet Fever, Diphtheria, and Typhoid Fever in the Last Ten Years.

MONTHS.	SCARLET FEVER.										DIPHTHERIA.										TYPHOID FEVER.									
	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
January . . .	..	..	..	..	..	..	..	..	..	12	..	2	1	7	10	4	1	3	3	2	..	2	1	..	1	..	3	1	..
February . . .	..	..	..	..	1	4	1	2	1	5	2	..	2	1	4	..	2	3	2	..	..	2	1	1	1	2	..	1	..
March . . .	1	2	..	..	..	1	..	..	1	3	4	..	..	5	2	..	3	..	..	1	..	..	..	1	..	1	1	1	..
April . . .	..	2	..	..	2	..	..	..	..	5	5	1	..	2	..	1	..	1	1	2	1	2	..	..	..	..	..	..	1
May . . .	..	..	..	..	..	..	..	..	..	4	7	1	1	5	3	2	2	3	1	1	1	1	1	..	..	..	1	1	..
June . . .	..	..	..	..	..	..	..	1	1	2	1	..	..	3	1	..	1	1	1	2	..	1	..	..	..	1	..	1	2
July . . .	..	2	..	..	..	..	..	..	..	5	1	..	..	4	..	1	..	1	..	1	2	..	1	..	1	1	..	1	1
August . . .	1	..	..	..	..	..	..	..	1	2	3	3	..	..	2	1	2	1	..	2	2	1	2	1	1	..	2	..	..
September . . .	..	..	..	..	..	..	..	..	..	2	7	..	..	9	1	..	2	..	..	6	2	..	2	1	3	1	2	..	..
October . . .	2	..	..	..	1	..	..	..	..	1	5	..	1	6	3	2	..	2	3	3	2	1	1	3	1	1	2	..	1
November . . .	..	..	..	..	2	..	1	..	..	7	8	2	1	3	2	3	2	2	3	5	1	..	3	2	..	..	3	3	3
December . . .	1	..	..	3	1	..	1	3	1	6	1	1	5	4	1	5	2	2	3	1	..	1	3	..	3	1	..	1	1
Total	5	6	0	3	7	5	3	10	3	54	44	10	11	49	29	19	19	14	17	26	11	11	15	9	12	6	10	11	9	

Contagious Hospital.

With the growth of a city there is an increasing liability to the prevalence of contagious diseases, and the problem of controlling these affections and preventing serious epidemics becomes a difficult one to solve. It is a well-recognized fact that if persons suffering with these diseases can be properly isolated, the danger of the spread of the contagion is averted. In many cases occurring in private homes and apartment houses, anything like suitable isolation and necessary care are impossible, and unless the patient can be removed, the other members of the family, or the members of several families are more or less exposed to the infection.

The large cities have long maintained hospitals in which persons suffering with these diseases could be treated, and many of the smaller cities have recently established such hospitals. The city of Somerville purchased the Russell estate at the corner of North street and Broadway, West Somerville, on May 17, 1901, for the purpose of establishing a contagious hospital. For some reason nothing further was done until a year ago, when the agitation in favor of the project was renewed, and later on an appropriation of \$5,000 was made by the board of aldermen for the purpose of converting the Russell house in its present location into a contagious hospital, the balance of the land having been transferred to the overseers of the poor department by the board of aldermen.

Work was begun early in the fall, and has progressed so rapidly that the building is nearly ready for occupancy. The interior of the old building has been entirely remodeled, and an addition has been built containing rooms for the matron and nurses, besides a kitchen, laundry, isolation ward, and serving rooms. The first floor of the main building will be used for diphtheria patients, and cases of scarlet fever will be treated on the second floor. The rooms and halls are so arranged that the two diseases will be kept entirely separate.

There are two large wards, in which several beds can be placed, and smaller rooms for one or two patients. Everything has been so planned that the building is well adapted for the purpose intended. Forty or more patients can be accommodated at one time, and the facilities for taking care of them will be of the best and most modern character.

Here patients may be taken when proper isolation or care are impossible at home, and thus will the prevalence of these diseases be better controlled and the public health be better protected.

Bacteriological Department.

The work of this department was performed by Frank L. Morse, M. D., whose report is appended to this report:—

Specimens will be received at the laboratory at the city hall daily, including Sunday, at any time, and they will be examined and reported upon the morning following their reception.

SPECIMENS AND ANTI-TOXIN.

Outfits for specimens for tuberculosis, diphtheria, typhoid fever and malaria, and diphtheria anti-toxin and vaccine lymph may be obtained at the laboratory and at the following places:—

Charles H. Crane, 154 Perkins street.

Will B. Fitts, 173 Washington street.

Milton H. Plummer, 25 Union square.

Fred W. Gay, 524 Somerville avenue.

Hart Brothers, 263 Highland avenue.

Percy A. Hall, 2 Studio building, Davis square.

Herbert E. Bowman, 529 Medford street, Magoun square.

Eugene B. Carpenter, 10 Broadway.

Julius E. Richardson, 310 Broadway.

After the specimen is collected, it must be taken or sent directly to the laboratory at the city hall.

Districts.

A map showing the health districts was printed with the annual reports for 1904 and previous years. This division of districts was made by the board of health of 1878, and has since remained unchanged.

A record has been kept from year to year, of the number of deaths, the death rate per thousand, the prevalence of dangerous diseases, and the number of nuisances abated in these several districts, and is continued in the following tables, and in the table near the beginning of this report.

The estimated population in the several districts was originally based on the number of assessed polls in each, and upon the population of the entire city; the ratio of polls to population being presumed to be the same in all the districts. Substantially the same method of estimating the population has been continued, the census of every fifth year being taken as a basis for calculation.

The number of dwellings and of assessed polls May 1, 1905, has been obtained from the assessors' books.

Table of Deaths in Each District During the Last Ten Years.

Districts	I.		II.		III.		IV.		V.		VI.		VII.		VIII.		IX.		X.		Entire City.				
	Area	337 A.	107 A.	93 A.	171 A.	361 A.	285 A.	194 A.	482 A.	174 A.	456 A.	2,660 A.	Population	6,853	6,985	5,315	5,529	15,416	10,755	5,056	4,670	4,840	4,581	70,000	
In 1905.	Average in each dwelling	6.3	6.1	7.5	6.3	5.6	6.2	5.7	5.2	5.8	4.7	5.9	Dwellings	1,090	1,148	704	881	2,759	1,739	895	896	976	11,924		
		Number of Deaths.	155	158	161	162	163	164	165	166	167	168	169	Rate per 1,000.	22	23	24	25	26	27	28	29	30	31	32
YEAR.	Rate per 1,000.	20	13	15	16	15	14	12	13	13	13	11	11	11	11	11	11	11	11	11	11	11	11	11	11
		Number of Deaths.	94	80	80	88	170	97	82	46	36	52	924	Rate per 1,000.	18	15	16	17	18	19	20	21	22	23	24	25
1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	Average death rate per 1,000 for ten years	20	13	15	16	15	14	12	13	13	13	13	11	11	11	11

Table Showing the Five Principal Causes of Death in Somerville in 1905, with the Number and Rate in Each District.

DISTRICTS.	PNEUMONIA.		TUBERCULOSIS.		HEART DISEASE.		APOPLEXY.		NEPHRITIS.	
	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.
I.	16	23.4	20	29.2	15	21.9	10	14.6	8	11.7
II.	8	11.5	5	7.1	7	10.1	5	7.1	6	8.7
III.	14	26.3	8	15.1	9	16.9	6	11.3	5	9.4
IV.	15	27.1	13	23.6	9	16.3	4	7.2	5	9.1
V.	20	12.9	8	5.2	10	6.5	11	7.1	10	6.5
VI.	17	15.8	9	8.4	9	8.4	7	6.5	7	6.5
VII.	11	21.8	5	9.9	8	15.8	8	15.8	9	17.8
VIII.	6	12.9	6	12.9	7	14.9	5	10.8	3	6.5
IX.	11	22.8	5	10.4	3	6.2	5	10.4	6	12.4
X.	9	19.6	5	10.9	5	10.9	3	6.6	4	8.7
Total	127	18.2	84	12.0	82	11.7	64	9.1	63	9.0

Table of Scarlet Fever, Diphtheria, and Typhoid Fever in Each District in 1905.

DISTRICTS.	SCARLET FEVER.				DIPHThERIA.				TYPHOID FEVER.			
	Cases Reported.	Deaths.	Cases per 1,000 of Pop.	Deaths per 1,000 of Pop.	Cases Reported.	Deaths.	Cases per 1,000 of Pop.	Deaths per 1,000 of Pop.	Cases Reported.	Deaths.	Cases per 1,000 of Pop.	Deaths per 1,000 of Pop.
I.	20	1	2.92	0.15	25	1	3.65	0.15	6	2	0.88	0.29
II.	17	1	2.44	0.14	9	3	1.29	0.43	4	..	0.58	..
III.	5	..	0.94	..	31	1	5.83	0.19	6	1	1.13	0.19
IV.	19	1	3.45	0.18	33	1	5.97	0.18	2	1	0.36	0.18
V.	15	..	0.98	..	17	3	1.11	0.19	6	1	0.38	0.07
VI.	18	..	1.67	..	31	3	2.79	0.29	14	1	1.31	0.09
VII.	18	..	3.56	..	1	1	2.18	0.19	3	..	0.59	..
VIII.	10	..	2.14	..	19	1	4.07	0.22	..	..	..	..
IX.	6	..	1.24	..	10	1	1.04	0.21	2	..	0.41	..
X.	9	1	1.96	0.22	13	2	2.84	0.44	9	3	1.96	0.36
Total	137	4	1.96	0.06	199	17	2.84	0.24	52	9	0.74	0.13

HEALTH DEPARTMENT.

Rates Per Thousand of Population of Cases of Scarlet Fever, Diphtheria, and Typhoid Fever Reported and of Deaths from the Same, in the Last Seven Years.

DISTRICTS.	1899.			1900.			1901.			1902.			1903.			1904.			1905.			Average for Seven Yrs.		
	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.	Scarlet Fever.	Diphtheria.	Typhoid Fever.
I.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	9.40	2.43	0.81	4.69	11.98	1.17	1.29	9.46	1.17	1.92	1.79	0.51	2.12	4.60	0.37	1.3	9.21	2.63	2.92	3.65	0.88	3.38	6.16	1.08
	.....	0.27	.....	0.13	1.30	.....	0.26	0.78	.....	0.13	0.64	0.13	0.12	0.50	0.12	.....	0.48	0.24	0.15	0.15	0.29	0.11	0.59	0.11
II.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	2.04	2.04	0.85	1.81	7.09	0.99	0.98	4.59	0.98	1.32	2.13	0.32	1.60	3.36	0.48	2.	5.60	1.24	2.44	1.29	0.58	1.77	3.73	0.78
	.....	0.51	0.34	.....	0.16	.....	.....	0.33	0.16	.....	.....	.....	0.16	0.16	0.16	0.	0.11	0.31	0.14	0.43	.....	0.61	1.70	0.97.
III.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	1.99	5.09	0.39	3.66	10.22	2.12	2.29	5.16	0.96	2.13	2.61	0.19	2.56	4.94	0.18	0.89	7.41	2.29	0.94	5.83	1.13	2.07	5.89	1.04
	.....	0.50	0.39	.....	1.35	.....	0.19	1.34	0.39	.....	.....	.....	0.18	0.36	.....	.....	0.53	0.18	.....	0.19	0.19	0.08	0.65	0.16
IV.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	3.21	3.04	1.01	4.75	15.88	2.13	2.28	7.34	0.82	1.28	2.56	0.81	3.12	3.90	0.31	1.51	4.98	0.61	3.45	5.97	0.36	2.80	6.24	0.87
	.....	0.34	.....	0.49	1.15	.....	.....	0.33	.....	.....	0.16	0.16	0.16	0.78	0.16	.....	.....	0.18	0.18	0.18	.....	0.12	0.42	0.07
V.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	3.31	1.74	0.97	4.13	5.08	0.95	1.37	4.26	0.86	0.59	4.11	0.54	1.39	1.97	0.74	0.73	2.02	1.78	0.98	1.11	0.38	1.80	2.89	0.89
	0.18	.....	0.35	.....	0.69	0.43	.....	0.09	0.26	.....	0.17	0.09	0.16	0.33	0.16	.....	0.08	0.25	.....	0.19	0.07	0.05	0.22	0.26
VI.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	3.59	2.34	1.72	2.55	8.99	0.89	2.83	3.29	1.94	1.74	6.41	1.02	2.30	3.02	0.43	2.11	9.54	0.71	1.67	2.79	1.31	2.42	5.19	1.15
	.....	.....	0.16	.....	0.59	0.15	.....	0.29	0.45	.....	0.87	0.29	0.29	.....	.....	.....	0.14	.....	.....	0.29	0.09	0.04	0.19	0.17
VII.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	1.54	1.96	2.09	2.73	4.78	0.96	1.35	2.69	0.68	0.59	3.02	0.13	1.30	2.47	1.04	2.16	3.43	0.51	3.56	2.18	0.50	1.89	2.93	0.85
	0.14	.....	0.56	0.27	0.27	0.14	.....	0.14	0.14	.....	0.26	.....	.....	0.13	0.52	.....	0.38	0.13	.....	0.19	.....	0.07	0.19	0.21
VIII.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	1.22	2.49	.....	4.53	6.99	0.60	2.19	7.97	0.88	2.56	3.84	0.29	2.91	2.11	0.53	1.98	3.47	0.49	2.14	4.07	.....	2.51	4.42	0.39
	.....	.....	.....	.....	0.30	0.30	.....	0.59	0.29	.....	0.29	.....	0.26	.....	.....	.....	.....	.....	.....	0.22	.....	0.04	0.20	0.09
IX.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	3.95	3.26	2.79	3.71	6.81	1.09	2.81	4.04	2.63	0.78	2.71	.....	2.97	2.23	0.37	1.43	3.39	0.89	1.24	1.04	0.41	2.41	3.35	1.17
	.....	0.23	0.47	.....	0.22	0.22	.....	.....	.....	.....	0.19	.....	.....	.....	.....	.....	.....	0.36	.....	0.21	.....	.....	0.12	0.15
X.	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	1.88	2.19	1.88	5.45	7.75	0.58	5.57	8.07	2.51	1.72	5.41	0.25	3.08	2.87	1.03	4.01	5.56	2.04	1.96	2.84	1.96	3.28	4.99	1.47
	.....	.....	.....	.....	1.73	.....	0.56	1.68	0.28	.....	0.25	0.25	0.21	0.41	0.21	0.14	0.19	.....	0.22	0.44	.....	0.16	0.69	0.11
City	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths	{ Cases	{ Deaths	{ Deaths
	2.62	2.45	1.22	3.73	8.39	1.16	2.07	5.39	1.24	1.20	3.45	0.43	2.18	3.11	0.57	1.71	5.34	1.39	1.96	2.84	0.74	2.21	4.42	0.95
	0.05	0.18	0.25	0.11	0.79	0.15	0.08	0.46	0.19	0.46	0.29	0.09	0.15	0.28	0.15	0.05	0.21	0.16	0.06	0.24	0.13	0.14	0.35	0.16

Undertakers.

Under the provisions of section 44 of chapter 78 of the revised laws of 1902, eighteen persons have been duly licensed as undertakers.

Examiners of Plumbers.

The public statutes provide for a board of examiners of plumbers, consisting of a chairman of the board of health, the inspector of buildings, and an expert at plumbing, to be appointed by the board of health. This board appointed Duncan C. Greene, the inspector of plumbing, to fill the place of expert. The number of licenses granted will be found in the report of the inspector of buildings.

Financial Statement.**HEALTH DEPARTMENT.**

CREDIT.

Appropriation	\$39,500 00	
Receipts:—		
Milk fees	115 10	
Permit fees	66 00	
Emanuel Zetterman, care of Gustave Zetterman	8 00	
City of Boston, care of Thane family	16 92	
City of Boston, care of Lucy Nuro	315 00	
		<hr/>
		\$40,021 02
Amounts transferred:—		
To health department, collection of ashes and offal	\$24,000 00	
To public buildings construction, health department	1,200 00	
		<hr/>
		25,200 00
		<hr/>
Total credit		\$14,821 02

DEBIT.

Salaries	\$1,233 28	
Wagons, sleds, etc.	39 11	
Tools and repairing same	74 40	
Harnesses and horse clothing	5 65	
Horses and horse doctoring	8 65	
Horseshoeing	24 00	
Vaccine virus	6 65	
Burying dead animals	133 50	
Office expenses	33 85	
Books, stationery, printing and postage	252 05	
Bacteriological laboratory	2 67	
Board of agent's horse	275 86	
Telephones	93 49	
Care of contagious diseases	1,431 12	
Incidentals	164 76	
		<hr/>
Total debit		\$6,779 04
		<hr/>
Balance unexpended		\$8,041 98

Health Department, Collection of Ashes and Offal.

CREDIT.

Appropriation	\$24,000 00	
Receipts:—		
A. M. Prescott, sale of horse	30 00	
Hannibal S. Pond, city offal to April 1, 1905	275 00	
Sundry persons, city offal April 1 to December 31	4,549 86	
Transferred from Highways Maintenance account	4,000 00	
	<hr/>	
Total credit		\$32,854 86

DEBIT.

Salary of superintendent	\$1,200 00	
Collecting ashes	17,853 21	
Collecting offal	14,945 25	
Preparing shed, constructing driveway, building fence, laying water main, etc.,	912 33	
Stable expenses	1,458 00	
Wagons, sleds, etc.	519 05	
Extending roof at offal shed and manure pit at stable	278 53	
Tools and repairing same	93 85	
Washstand, etc., at offal shed	111 67	
Hose cock, etc., at offal shed	88 05	
Harnesses and horse clothing	431 06	
Horses and horse doctoring	624 50	
Board of superintendent's horse	280 20	
Horseshoeing	770 47	
Hay and grain	4,276 69	
Incidentals	240 79	
	<hr/>	
Total debit		\$44,083 65
		<hr/>
Amount overdrawn		\$11,228 79
Amount overdrawn, health department, collection of ashes and offal	\$11,228 79	
Amount unexpended, Health Department account	8,041 98	
	<hr/>	
Net amount expended above original appropriation	\$3,186 81	

ALLEN F. CARPENTER, Chairman,
 EDMUND S. SPARROW,
 WESLEY T. LEE, M. D.,
 Board of Health.

REPORT OF BACTERIOLOGIST.

Somerville, January 10, 1906.

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith present the report of the bacteriologist for the year 1905.

During the latter part of December, 1902, in accordance with your vote, a laboratory was established at the city hall, and regular bacteriological examinations were commenced upon January 1, 1903, which have been continued during the past year.

During the year 1905 792 examinations were made of cultures for the diphtheria organism, 162 examinations made of sputum from patients suspected of having tuberculosis, and seventy-eight examinations to detect the Widal reaction in typhoid fever.

With the beginning of 1903, your board established regulations, which required, in cases of diphtheria, that no patient should be released from quarantine until two consecutive negative cultures had been obtained from the patient, one by the attending physician and one by a physician representing the board, thus making the work more extensive than had been previously required.

On May 1 of the present year, in response to a request from the Somerville Medical Society, representing the physicians of the city, the taking of the first release culture was made optional with the attending physician, and if so requested, the physician representing the board took all of the release cultures. In addition, it was also voted that all patients ill with scarlet fever should be examined by a physician designated by the board, before releasing the family from quarantine, and the bacteriologist was instructed to perform both of these duties, and was made an agent of the board of health. Since this time 209 visits have been made for the purpose of taking release cultures in cases of diphtheria, and 126 visits to examine patients convalescent from scarlet fever, it being necessary to inspect forty-five patients ill with the latter disease a second and sometimes third time before releasing them from quarantine, on account of the process of desquamation still being present.

Culture stations were also established at four different parts of the city, which were later increased to nine in number, to more generally accommodate the physicians of the city, at which places, in connection with the laboratory, culture outfits, diphtheria anti-toxin, typhoid fever outfits, vaccine lymph, and sputum bottles could be obtained. To avoid delay in the examination of specimens, it was required that all specimens should be sent to the laboratory at the city hall, thus obviating any delay through the culture stations. Cultures left at the city hall as late as midnight

are placed in the incubator immediately, making it possible for a result to be obtained early the next morning.

Diphtheria.—Seven hundred and ninety-two cultures have been examined for diphtheria, 346 being in males, and 446 in females. Diphtheria being a disease of children, 204 of these examinations have been made in children under five years of age, 260 in those from five to ten years of age, 139 from ten to twenty, and 170 in adults over twenty years. In nineteen cases the age of the patient was not stated. Two hundred and sixty-three examinations were made for the diagnosis of the case, sixty-one proving positive, and 202 negative. Of the positive results, fifteen were of cases in which the attending physician's diagnosis of diphtheria was confirmed, ten in which the clinical diagnosis was not diphtheria, and thirty-six in which no definite diagnosis was made. Of the 202 negative examinations, twenty-three were obtained in which the clinical diagnosis was diphtheria, seventy-six in which the diagnosis was not diphtheria, and 103 in which no diagnosis had been made.

Five hundred and twenty-five cultures were taken for release of patients from quarantine, 139 of which were positive, and 386 negative. The importance of taking release cultures is demonstrated by these figures, these patients showing the presence of the bacilli in the throat after the clinical evidence of the disease had disappeared. In four examinations there was no growth upon the serum tube.

Tuberculosis.—One hundred and sixty-two examinations have been made of sputum suspected of containing the tubercle bacillus, twenty-two of which were positive and 140 negative. In forty-nine cases a definite diagnosis of this disease had been made by the attending physician, but in thirty-eight of them the organism could not be detected. In the remainder of the cases, sixty-four were stated as not showing evidence of the disease, five being positive, and in forty-nine cases no statements were made giving information as to its character, six of which were positive. Sixty-nine were males and ninety-three females. Although printed directions accompany each outfit, telling how the specimen should be obtained, it has not been unusual for specimens to be sent to the laboratory containing only saliva from the mouth, with no excretion from the lungs or bronchial tubes. Physicians should be urged to give definite instructions to each patient, relating to the collection of the sputum, for in some instances a negative report would mislead both physician and patient. Consumption to-day is recognized as an infectious disease, and all persons afflicted with it should be instructed in the modern methods for preventing its spread. In some cases this is not done by the attending physician, and during the past two years your board has required that this disease be reported to you, as other infectious diseases are, and that printed instructions and advice be sent to each patient ill with the disease. The decrease

REPORT OF INSPECTOR OF ANIMALS AND PROVISIONS.

OFFICE OF THE BOARD OF HEALTH, }
CITY HALL, January 16, 1906. }

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit the report of the inspector of provisions and animals for the year ending 1905.

The following is a statement of the number of animals killed during the year at the slaughtering establishments in the city: John P. Squire Corporation, Medford street, 561,251 swine; North Packing and Provision Company, Medford street, 650,629 swine; New England Dressed Meat and Wool Company, Medford street, 16,074 cattle, 64,039 calves, 254,628 sheep; Sturtevant & Haley Beef Supply Company, Somerville avenue, 6,663 cattle; Henry Gunsenhiser, North street, 1,325 cattle, 560 calves. Total number of animals slaughtered during the year, 1,555,169.

There are 107 cows and 158 swine kept in this city for domestic purposes.

I have examined 2,181 horses in stables where contagious diseases were reported to exist. There were 27 horses killed for glanders, and 1 released.

I have made 2,132 visits to stores and markets and inspected pedler carts from which fish, provisions, and produce were sold.

I have made monthly inspections of all bakeries and barber shops through the city, and find them in good condition.

I have inspected, condemned, and caused to be destroyed 287 pounds of fresh beef, 314 pounds of corned beef, 11 cattle, 1,163 pounds of veal, 327 pounds of fresh pork, 42 pounds of pickled pigs' feet, 614 pounds of fowl, 293 pounds of mutton, 19 dozens of eggs, 379 pounds of haddock, 219 pounds of pollock, 197 pounds of fresh cod, 117 pounds of sword fish, 312 mackerel, 163 dozens of smelts, 71 pounds of salt fish, 93 pounds of halibut, 71 lobsters, 4 gallons of oysters, 3 bushels of clams, 4 gallons of clams, 34 bushels of common potatoes, 24 bushels of sweet potatoes, 14 barrels of yellow turnips, 5 barrels of white turnips, 3 bushels of beets, 2 bushels of carrots, 11 bushels of onions, 23 barrels of squash, 37 bushels of greens, 5 bushels of lettuce, 3 dozen bunches of celery, 11 crates of grapes, 1,532 quarts of strawberries, 6 barrels of cranberries, 619 quarts of raspberries, 321 dozen bananas, 19 boxes of oranges, 5 boxes of lemons, 6 barrels of flour, 27 crates of melons, 293 loaves of bread, 63 pies, 49 cakes, and performed other duties as the board of health required.

Respectfully submitted,

CHARLES M. BERRY,

Inspector.

REPORT OF MILK INSPECTOR.

OFFICE OF MILK INSPECTOR, }
310 Broadway, Somerville, Mass. }

To the Board of Health:—

Gentlemen,—I have the honor to submit the following report for the year ending December 31, 1905:—

The total number of samples collected and analyzed was	768
Samples brought to office	162
Samples brought by citizens and complaint made	7
Samples of cream	8
Total	945

The condition of the milk sold in this city has as a whole proved satisfactory, except for the condition I find in many stores, where it is handled and sold in a very unclean manner.

I desire to recommend that a rule be passed to keep all milk in a separate iced tank, in all places where milk is retailed.

I would recommend a rule having all milk kept at a temperature not exceeding fifty-five degrees Fahrenheit at any time while it is for sale. This temperature will prevent the development of bacteria to a great extent, and will, in my opinion, greatly assist in checking infantile diseases in the hot months, as well as preventing many intestinal troubles in adults arising from the large amount of milk used as food in the hot months.

There has been a marked effort on the part of the majority of milkmen to sell cleaner and better milk, which is to be commended.

I am glad to say I have found no milk containing preservatives this year.

I have visited some of the stables and milk houses of men outside of Somerville, and find them in very bad condition; this is in part owing to the lax or lack of inspection by the proper authorities in these towns, and think the aid of the state board of health should be asked.

The stables and milk rooms in our city, with a few exceptions, are in a good sanitary condition.

I have issued to stores 100 licenses, and to milk pedlers 129 licenses, a total of 229.

Paid the city treasurer \$114.50 for the same, and sixty cents for stamps; total of \$115.10.

Summary of prosecutions made during the year:—

One milkman, selling milk below the standard; fined . . .	\$15 00
One milkman, selling milk below the standard; on file.	
One milkman, selling milk without a license; fined . . .	30 00
One milkman, selling milk without a license; on file (sickness).	
One milkman, selling milk without name on wagon; on file.	
One milkman, selling milk below the standard; fined . . .	10 00
One milkman, selling milk below the standard, second offence; fined	100 00
One milkman, selling milk below the standard; fined . . .	10 00
One milkman, selling milk below the standard; on file.	
One storekeeper, selling milk below the standard; fined . . .	5 00
One storekeeper, selling milk below the standard; fined . . .	5 00
One storekeeper, selling milk below the standard; fined . . .	100 00
One storekeeper, selling milk below the standard; fined . . .	10 00
One storekeeper, selling milk below the standard; fined . . .	10 00
One storekeeper, selling milk below the standard; on file.	
Total amount of fines	<u>\$295 00</u>

Days in court, eighteen; one in superior.

One storekeeper paid an appealed fine of \$100 at superior court.

I have one case of \$100 fine waiting trial in superior court.

This department needs about \$250 worth of chemical apparatus for inspecting butter and vinegar.

I repeat my statement of last year, that any citizen having any just complaint to make about their milk has a right to do so, and I invite them to do so at my office, which is open every day from 8 A. M. to 9 P. M. Telephone, Somerville 21-137.

Respectfully submitted,

JULIUS E. RICHARDSON,
Inspector of Milk and Vinegar.

SUPPORT OF POOR DEPARTMENT.

Board of Overseers of the Poor.

EDWARD B. WEST, President.

ALBERT W. EDMANDS, Vice-president.

HERBERT E. MERRILL.

Committees.

ON FINANCE, INVESTIGATION AND RELIEF, AND CITY HOME. — Mr. West
Mr. Edmands, and Mr. Merrill.

Secretary.

CORA F. LEWIS.

General Agent.

CHARLES C. FOLSOM.

City Physician.

ALVAH B. DEARBORN, M. D.

Warden of "City Home."

J. FOSTER COLQUHOUN.

Matron of "City Home."

MRS. CATHERINE COLQUHOUN.

Office.

City Hall Annex, Highland Avenue.

REPORT OF OVERSEERS OF THE POOR.

Somerville, Mass., December 31, 1905.

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

Gentlemen,—We beg leave to submit, for the year 1905, the report of our agent for miscellaneous account, and of the warden for the city home, with tables attached, showing receipts and expenditures.

The work in each department has been very satisfactory and the results we believe very creditable.

Some slight alterations and much needed repairs at the city home, which we have every assurance will be done, will place the home in first-class condition for some time to come.

To the agent and assistant and also to the warden and matron, we offer congratulations and thanks for the faithful and satisfactory work of the year.

EDWARD B. WEST,	}	<i>Overseers of the Poor</i>
ALBERT W. EDMANDS,		
HERBERT E. MERRILL,		

REPORT OF GENERAL AGENT.

OFFICE OF THE OVERSEERS OF THE POOR, }
Somerville, Mass., December 31, 1905. }

To the Board of Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—I herewith submit my report for the year 1905. As your agent, I have reported matters of interest to the board from month to month, and have conferred with the president whenever it seemed necessary, but in compliance with the vote of the board, I submit the following:—

Where there is a man in the family aided, who is able to work, I have required him to go to the city farm and do whatever the warden had for him to do. One hundred and forty-four days' work, such as they were, have been performed during the year, and have been paid for in fuel or groceries from the miscellaneous account. More persons have been committed to the state hospital at Tewksbury from Somerville than in any former year. There have been quite a number of perplexing questions in connection with some of the families and persons aided, but no serious friction has resulted, the persons interested having generally been satisfied. A dispute with Worcester in reference to the settlement of a pauper may lead to a friendly lawsuit with very little expense. The same is also true in relation to a family residing here, whose legal settlement is in dispute between Newton and Boston. The town of Braintree contends that a family residing there, which has been aided to quite an extent, is settled in this city. We have denied it, however, and have informed that town that if they will furnish the proof, we will be as willing to pay the bill before a lawsuit as after. The above cases have been reported by me to the board, but I deemed it advisable to refer to them again in this report. The poor people of this city so far this fall and winter have been employed to a greater extent than usual; this fact and the very favorable weather have kept many from being obliged to apply for aid. The work of the office has been carried on in a quiet, dignified way. No outside influences have given us any trouble, and we flatter ourselves that the department stands well with the tax-payers as well as with the poor people. We are not satisfied when we have aided a poor family, or a poor person, but it is our aim to help in any way we can so that they may become self-respecting and self-supporting if possible. I wish in connection with this report to express my appreciation of the work of the secretary in her correct book-keeping and substantial aid in the office. Thanking the board for courtesies extended, and for their general sympathy and help, I will refer you to the following tables, which will give a detailed account of the work.

Table No. 1.

FULL SUPPORT (DURING THE YEAR).

In our city home (men 20, women 9)	29
In our city home (men 15, women 7), December 31, 1905	22
In private families	2
In Somerville hospital	187
In hospitals in other towns and cities for the sick	54
In Massachusetts school for feeble-minded	6
In hospital for dipsomaniacs	5
In hospital for epileptics	4

Table No. 2.

PARTIAL SUPPORT (OUTDOOR RELIEF).

Families	214
Persons aided	1,205
Burials	15
Permits to Tewksbury almshouse	13

Table No. 3.

REIMBURSEMENTS.

Commonwealth of Massachusetts	\$1,358 72
City of Boston	1,244 13
“ “ Beverly	49 00
“ “ Cambridge	295 55
“ “ Chelsea	44 64
“ “ Everett	49 45
“ “ Fall River	200 05
“ “ Fitchburg	24 00
“ “ Gloucester	52 17
“ “ Haverhill	80 00
“ “ Lowell	9 00
“ “ Malden	47 75
“ “ New Bedford	25 00
“ “ Newton	181 10
“ “ Quincy	21 00
“ “ Salem	18 87
“ “ Springfield	38 00
“ “ Waltham	42 25
“ “ Woburn	35 00
“ “ Worcester	35 50
Town of Acton	11 75
“ “ Andover	44 56
“ “ Arlington	33 00
“ “ Belmont	48 25
“ “ Canton	7 75
“ “ Concord	45 50
“ “ Framingham	29 30
“ “ Gardner	2 00
“ “ Leominster	36 59
“ “ Wakefield	15 25
“ “ West Boylston	21 95
“ “ Winthrop	4 00
Guardians and relatives	196 84

 \$4,347 92

Table No. 4.

SOMERVILLE HOSPITAL (PATIENTS ON CITY BEDS).

Patients having settlement in Somerville	74
Patients having settlement in other cities or towns	43
Patients having no settlement (chargeable to state)	70
Total number of patients sent to hospital	187
Money paid hospital by the city for patients settled in Somerville	\$5,000 00
Amount reimbursed to the city and paid to the hospital for patients not settled in Somerville	1,538 55
Total paid to the hospital	<u>\$6,538 55</u>

Table No. 5.

POPULATION AND GROSS EXPENDITURES, 1883 TO 1905, INCLUSIVE.

Year.	Population (Estimated).	Expenditures.
1883	27,000	\$15,959 80
1884	28,000	17,272 52
1885	*29,992	16,430 32
1886	32,000	14,341 83
1887	34,000	13,430 89
1888	36,000	13,375 98
1889	39,000	14,610 92
1890	*40,117	15,261 14
1891	43,000	15,980 49
1892	46,000	17,015 30
1893	48,000	17,799 58
1894	50,000	19,733 13
1895	*52,200	20,755 46
1896	54,000	21,999 79
1897	56,000	25,681 47
1898	57,500	28,522 21
1899	60,000	28,924 39
1900	*61,643	{ Miscellaneous, \$23,697.62 } { City home, 5,528.83 } 29,226 45
1901	62,500	{ Miscellaneous, \$29,171.15 } { City home, 6,622.43 } 35,793 58
1902	63,500	{ Miscellaneous, \$28,667.04 } { City home, 7,396.64 } 36,063 68
1903	65,500	{ Miscellaneous, \$30,470.20 } { City home, 7,548.39 } 38,018.59
1904	69,500	{ Miscellaneous, \$20,476.54 } { City home, 6,563.11 } 27,039.65
1905	*69,272	{ Miscellaneous, \$17,527.88 } { City home, 7,474.36 } 25,002.24

*Census.

Table No. 6.

EXPENDITURES, IN DETAIL, FOR THE YEAR 1905.

1905.	Dry Goods.	Board.	Groceries.	Somerville Poor in Other Cities and Towns	Boots and Shoes.	Medicine.	Burials.	Salaries.	Fuel.	Sundries.	Cash Paid Out.	Tele- phone.	Stationery and Printing.	Somerville Hospital.	State Hospital.	Foxboxo Hospital.	Feebie- minded School.	Epileptic Hospital.	Total.
January .	\$6 50	\$29 15	\$882 40	\$718 81	\$10 00	\$3 00	\$15 00	\$341 66	\$301 38	\$1 50	\$19 80	. . . .	\$29 75	\$133 33	. . . .	\$166 67	\$170 84	\$152 75	\$2,983 54
February .	. . . .	67 14	308 43	105 75	14 20	. . . .	30 00	341 66	178 43	2 00	19 50	\$26 02	11 00	133 33	\$114 00	. . . .	. . . .	. . . .	1,351 46
March .	. . . .	32 15	613 40	8 00	2 00	80 95	10 00	341 66	117 85	3 50	18 68	. . . .	1 60	133 33	. . . .	. . . .	167 12	125 36	1,655 60
April .	. . . .	80 44	549 44	10 00	13 35	. . . .	34 00	341 66	10 48	. . . .	11 39	. . . .	5 75	133 33	. . . .	150 58	. . . .	. . . .	1,340 42
May .	. . . .	33 58	298 84	66 00	. . . .	. . . .	. . . .	341 66	5 10	. . . .	10 63	16 64	. . . .	133 33	166 29	. . . .	. . . .	. . . .	1,072 07
June .	. . . .	27 87	394 62	. . . .	. . . .	. . . .	. . . .	341 66	1 00	15 00	15 52	. . . .	33 30	133 33	. . . .	51 08	298 07	. . . .	1,311 45
July .	. . . .	59 86	471 00	389 94	8 50	. . . .	35 00	341 66	2 85	. . . .	13 78	. . . .	14 65	133 33	. . . .	. . . .	. . . .	126 75	1,597 32
August .	3 00	23 86	386 29	86 27	2 75	13 25	40 00	341 66	1 00	. . . .	12 73	. . . .	. . . .	133 33	209 20	. . . .	. . . .	. . . .	1,269 56
September .	. . . .	27 87	508 73	46 00	. . . .	29 85	15 00	341 66	2 85	3 20	14 33	17 21	. . . .	133 33	. . . .	. . . .	256 26	128 14	1,524 43
October .	. . . .	54 29	425 01	156 29	15 00	8 01	15 00	341 66	1 90	. . . .	12 28	16 84	5 00	133 33	. . . .	. . . .	. . . .	. . . .	1,184 61
November .	. . . .	32 16	445 25	89 57	. . . .	. . . .	. . . .	341 66	118 13	9 00	24 20	. . . .	. . . .	. . . .	140 57	. . . .	. . . .	. . . .	1,200 54
December .	. . . .	32 72	355 09	. . . .	. . . .	12 43	. . . .	341 74	75 30	6 00	8 35	. . . .	. . . .	205 25	. . . .	. . . .	. . . .	. . . .	1,036 88
Totals .	\$9 50	\$501 09	\$5,639 50	\$1,676 63	\$65 80	\$147 49	\$194 00	\$4,100 00	\$816 27	\$40 20	\$181 19	\$92 93	\$101 05	\$1,538 55	630 06	\$368 33	\$892 29	\$533 00	\$17,527 88

Overseers of the Poor of Somerville.

SINCE THE REORGANIZATION IN 1885.

Hon. Mark F. Burns, chairman ex-officio	1885	1888 inclusive
Colonel Herbert E. Hill	1885	1889 “
Charles S. Lincoln, Esq., chairman	1885	1887 “
Hon. Edward Glines	1885	1887 “
Charles G. Brett, president	1885 April	1893 “
Edward B. West, president	1888 to	date* “
Daniel C. Stillson	1888 April	1892 “
Hon. Charles G. Pope, chairman ex-officio	1889	1891 “
Nathan H. Reed, president	1890 April	1894 “
Hon. Wm. H. Hodgkins, chairman ex-officio,	1892	1895 “
James G. Hinckley	May 1892	1894 “
Albert W. Edmands	May 1893 to	date* “
Herbert E. Merrill	May 1894 to	date* “
Ezra D. Souther	1895 Feb.	1898 (Died)
Hon. Albion A. Perry, chairman ex-officio	1896	1898 inclusive
James H. Butler	March 1898	1899 “
Hon. George O. Proctor, chairman ex-officio,	1899	

*Present member.

Table No. 7.

RECAPITULATION (MISCELLANEOUS).

Appropriation	\$14,000 00
Reimbursements	4,347 92
	<hr/>
Total receipts	\$18,347 92
Total expenditures	17,527 88
	<hr/>
Balance	\$820 04
Net expenditures	13,179 96

Very respectfully,

CHARLES C. FOLSOM,
General Agent.

REPORT OF WARDEN OF CITY HOME.

Table No. 1.

PERMANENT REPAIRS AND FIXTURES.

New curtains, dormitory	\$26 86	
New beds and bedding, dormitory	245 75	
New bed linen, dormitory	79 00	
New furniture, dormitory	213 90	
New rubber matting, dormitory	34 48	
New window screens, dormitory	72 40	
New concrete walks	91 65	
Glass, putty, hardware, and labor, hothouse,	286 67	
Pipe, valves, and piping, hothouse	75 63	
Pipe cement and labor (drain and stone wall)	83 24	
Pipe fence on stone wall	34 59	
Storm porch	60 00	
Lawn seed	3 30	
2,156 lights glass for new sash	21 56	
		\$1,329 03
Living expenses		6,145 33
		\$7,474 36

Table No. 2.

REIMBURSEMENTS.

Board of sundry persons	\$100 50	
Produce and pork sold	3,811 74	
		\$3,912 24

Table No. 3.

REIMBURSEMENTS.

Produce and pork sold	\$3,811 74	
Produce used at city home	313 00	
		\$4,124 74

EXTRA EXPENSE ON FARM.

Wages for extra help	\$1,096 70	
Feed for one horse	117 14	
Shoeing for one horse	16 12	
Repairs on wagons and harnesses	86 10	
Repairs on sash	9 15	
Swill and bedding	308 67	
Farm sundries	151 35	
Seed and fertilizer	116 17	
		\$1,901 40
Balance		\$2,223 34

Table No. 4.

Number weeks' board	1,075 4-7
Average weekly cost of inmates	\$2 08
Number of males admitted during 1905	13
Number of females admitted during 1905	2
Number of males discharged during 1905	8
Number of females discharged during 1905	1
Number of males supported during 1905	24
Number of females supported during 1905	9
Number of males died during 1905	1
Number of females died during 1905	1
Number of inmates in home January 1, 1906,	22

Table No. 5.

LIVING EXPENSES.

Groceries and provisions	\$1,754 37	
Salaries and wages	2,442 18	
Dry goods	179 00	
Boots and shoes	42 55	
Hay and grain	535 59	
Seeds and fertilizer	116 17	
House furnishings	12 90	
Kitchen furnishings	76 02	
Sundries	147 96	
Farm sundries	123 07	
Cash paid by warden (car fares for warden, inmates, and laborers)	37 75	
Medicine	45 77	
Horseshoeing	48 35	
Repairs on wagons	86 10	
Repairs on sash	9 15	
Telephone	47 92	
Ice	20 85	
General repairs	41 76	
Swill and bedding	353 80	
New tools	22 07	
Live stock	2 00	
		\$6,145 33
Credits:—		
Produce and pork sold	\$3,811 74	
Board for sundry persons	100 50	
		3,912 24
Net living expenses		\$2,233 09

Very respectfully,

J. FOSTER COLQUHOUN,

Warden.

REPORT OF THE CITY PHYSICIAN.

OFFICE OF CITY PHYSICIAN, }
Somerville, February 1, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—The following is a summary of the work done by me during the year ending December 31, 1905:—

One thousand two hundred fifty-one house visits have been made. Eight hundred sixty-five persons were treated at my office. Twenty-six women were attended in child-birth. One hundred twenty persons were vaccinated. One hundred thirty-five persons have had teeth extracted. Thirty-five visits have been made at the police station.

Under the rules of the board of health, ninety-five cultures for release have been taken in cases of diphtheria.

Seventeen men were examined for the police force.

Respectfully submitted,

ALVAH B. DEARBORN,
City Physician.

REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER, }
 CITY HALL, SOMERVILLE, January 15, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the provisions of the city charter, the following report of the work done and expense incurred for the year ending December 31, 1905, by the departments and appropriations under my charge and supervision, including Engineering, Grade Crossings, Sewers Construction, Sewers Maintenance, Public Grounds, and other public works, is herewith presented.

ENGINEERING DEPARTMENT.

Statement of Expenses, 1905.

Salary City Engineer (including maintenance of team)	\$2,800 00	
Salaries of assistants	7,885 39	
Stakes, tools, and general supplies (outside work)	94 83	
Draughting materials and office supplies (inside work)	100 32	
Setting stone bounds for defining street lines (materials)	23 50	
Car fares	192 75	
Telephone, postage, and incidentals	177 68	
Total debit		\$11,274 47
CREDIT.		
Appropriation	\$11,250 00	
Amount received for making acceptance plans,	36 00	
Amount received from School Contingent fund for maps	2 00	
Total		\$11,288 00
Balance unexpended		\$13 53

Classification of Expenses, Assistants' Salaries.

Sewers,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	\$2,695 00
Highways,—comprising plans, estimates, titles, profiles, lines and grades, and all other engineering relating to the department	570 85
Sidewalks,—comprising profiles, lines, grades, measurements, titles, costs, and assessments	1,064 20
Water Works,—comprising lines, grades, locations of mains, gates, hydrants and services, and other matter relating to water department	255 32
Public Grounds,—comprising surveys, plans, estimates, profiles and grades, including laying out of parks and grounds and boulevards	249 30
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction,	69 48
Street Numbering,—comprising locations of buildings, plans, and affixing street numbers on houses	256 00
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	283 38
City Survey,—comprising establishing of street lines, acceptance plans, and miscellaneous survey work for bridges, etc.	463 10
Middlesex Registry,—comprising copying of plans and abstracts from deeds and examination of titles filed at East Cambridge, also tracings of street acceptance and sewer taking plans filed for record	185 92
Railway, Telephone, Electric Light, and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits	47 54
Stone Bounds,—locating and setting	108 29
Office Work,—comprising records of all locations, indexing, typewriting, calculations, and general draughting	1,100 97
Miscellaneous Work,—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	186 04
Vacations and Sickness	350 00
Total	\$7,885 39
Special work on grade crossings (charged to Grade Crossings account)	\$266 22

Office Records and Value of Instruments.

Number of survey note-books, sewer permit books, and deed books, two hundred and fifty.

Number of plans, including sewers, highways, parks, house lots, etc., six thousand.

Value of field instruments, tools, and office instruments, \$1,600.

The total cost of maintaining the city engineer's department since it was established (1872-1905, both years inclusive) has amounted to \$225,696.15.

General Work. The number of assistants employed during the year on engineering work varied from eight to fourteen.

The department has made designs, plans, estimates of cost of contemplated and completed public works, etc., as required by various orders of the board of aldermen and committees. All survey notes, records, and plans made of sewers, drains, highway work, water works, etc., have been filed for future reference.

All plans of estates in Somerville recorded at the Registry of Deeds, East Cambridge, have been copied, titles examined, and abstracts from deeds made for the purpose of assessments, and the proportional part of the cost of new work computed, and schedules of assessments made out showing the property owners.

Plans have been made and photographs taken where accidents have occurred on the city's work or where boundaries were in dispute, for the use of the city solicitor in court cases and hearings.

A number of street names have been changed and plans made showing a re-numbering of the buildings, and all old numbering plans revised, new houses plotted, and numbers assigned; some of the old main thoroughfares should be re-numbered throughout their entire length, so as to eliminate half numbers and letters now being used, as many of these old streets have outgrown their original numbering.

There are many streets, avenues, courts, and places in the city of the same or very similar name, which should be changed to prevent the confusion and inconvenience now existing.

Stone monuments have been set at a number of street intersections and angles to define and preserve the true lines of public streets, and this work should be continued as much as possible each year. By setting these stone bounds, or monuments, in Portland cement concrete at the level of the surface of the ground, or flush with the surface of the sidewalk, they can also be used as permanent "Bench Marks" throughout the city by establishing their exact elevations, and thereby being a great convenience and saving of time in giving grades, not only for the city engineering department, but also for all other surveyors.

Lines and grades have been given for the erection of new city buildings, and plans and sketches made for the laying out of the surrounding grounds.

About one hundred and fifteen street lines and grades have been given by the department during the year for builders and private parties applying for established grades and lines in connection with the erection of buildings and fences and grading of property.

Accurate plans have been made by the Edison Electric Illuminating Company, of Boston, the New England Telephone and Telegraph Company, West End Street Railway Company, Charlestown Gas and Electric Company, and Cambridge Gas Light Company, and filed in this office, showing the various locations of poles, tracks, and conduits in this city which have been granted by the board of aldermen during the year. A special act of the legislature with reference to the city of Somerville was passed in April, 1905, whereby the city has authority to cause the electric light and telephone companies to place all their overhead wires in conduits underground in certain specified streets, and remove all poles from these streets to the extent of not more than two miles in length for the telephone and telegraph company and for the electric light company, involving an expenditure of not more than \$20,000 in any one year.

There were laid, previous to 1905, 52,900 linear feet of underground conduits by the New England Telephone and Telegraph Company, and during 1905 this company constructed 9,960 linear feet of underground conduits, and the Edison Electric Illuminating Company, 3,240 linear feet of conduits extending in Broadway from the Charlestown line northwesterly.

Lines and grade have been given for laying 4,050 linear feet of new water mains varying in size from six inches to twelve inches in diameter, and 1,624 feet of old pipe were relaid. Two hundred seventy-two house services, twenty-one gates, twenty-three hydrants, and one water post have been located and recorded, sketches and plans made showing the same, and the large water works map corrected to date.

During the year the department has made plans and established grades for the acceptance, under the betterment act, of nine new public streets, a total length of 0.92 mile; copies of these plans have been made and filed at the Middlesex Registry, as required by law. Six plans have been made for acceptance of private streets, but not as yet made public.

Eleven streets have been constructed during the year where betterment assessments have been levied.

The total length of public streets in the city amounts to 70.22 miles, and private streets 23.5 miles.

Lines and grades have been given for setting 17,778.6 linear feet (3.37 miles) of new edgestone, and the re-setting of 4,206.8 feet (2.25 miles) of old edgestone and measurements taken for computing assessments.

5,148.7 square yards of new brick sidewalks and 5,226 square yards of granolithic and tar concrete sidewalks have been laid

(about 1.9 miles in length), and 1,453.8 square yards of old brick sidewalks re-laid.

The average cost for the year of setting edgestone with gravel sidewalk has been eighty-nine cents per linear foot, and laying brick sidewalks, \$1.03 per square yard; one sidewalk of granolithic was laid by the city, day labor, at a cost of \$1.36 per square yard.

5,994.9 square yards of new paved gutters have been laid, and 350.4 square yards of new vitrified brick and granite crossings and driveways constructed; 1,681.2 square yards of old gutters, driveways, and crossings have been re-laid, all requiring lines, grades, and measurements.

(See tables in this report for cost of new work, 1905, and total lengths of sidewalks constructed in the city to date.)

Streets Accepted as Public Highways in 1905 under the Betterment Act.

NAME OF STREET.	WARD.	FROM	To	Width in Feet.	Length in Feet.	Date of Acceptance.
Hamlet st. . . .	3	Highland ave. .	Southerly . . .	30	451	Dec. 30
Hanson st. . . .	2	Washington st. .	Skehan st. . . .	30	469	June 26
Hanson st. . . .	2	Skehan st. . . .	Vine st. . . .	35	347	June 26
Lexington ave. . .	6	Willow ave. . . .	Hancock st. . . .	50	624	Sept. 15
Nashua st. . . .	5	Richardson st. .	B. & M. R. R. (So. div.)	35	637	July 21
Skehan st. . . .	2	Dane st. . . .	Hanson st. . . .	30	306	Sept. 15
Thorpe pl. . . .	3	Highland ave. .	Southerly . . .	30	468	Dec. 30
Vernon st. . . .	5	Lowell st. . . .	Partridge ave. .	30	434	July 21
Vernon st. . . .	5	Partridge ave. .	Glenwood rd. . .	30 to 40	190	July 21
Warren st. . . .	1	Medford st. . . .	Cambridge line .	30 to 40	109	Sept. 15
Wheatland st. . .	4	Jaques st. . . .	Mystic ave. . . .	40	828	Nov. 20
Total . . . .	. . . .	. . . . .	(0.92 miles)	..	4,863	

Length of Public Streets in Each Ward.

	Miles.
Ward one	9.182
Ward two	7.828
Ward three	7.260
Ward four	9.109
Ward five	10.265
Ward six	11.504
Ward seven	14.715

Total length of public streets in the city . 70.223

**Miles of Edgestone, Brick Sidewalk and Gravel Sidewalk, in
Each Ward.**

	Edge- stone.	Brick Sidewalk.	Gravel Sidewalk.
Ward one	16.728	11.785	4.943
Ward two	12.400	4.249	8.151
Ward three	12.784	11.612	1.172
Ward four	12.632	3.725	3.907
Ward five	16.748	10.180	6.568
Ward six	19.761	12.058	7.703
Ward seven	17.459	8.558	8.901
Total miles in the city	108.512	*67.167	41.345

*Includes 3.97 miles granolithic and tar concrete walk.

Table of Street Construction.

	Miles.
*Streets paved with granite blocks	2.85
Streets paved with asphalt	0.73
Streets paved with vitrified brick (Davis square)	0.16
Streets paved with "bitulithic"	0.88
**Streets macadamized	65.45
Streets graveled or unimproved	23.65
Total	93.72

*Also 29.6 miles (single track) electric railway, paved with granite, asphalt, "bitulithic."

**Includes 2.84 miles boulevard.

Lines, grades, and measurements have been given and miscellaneous work done for paving with "Warren's Bitulithic Pavement" a portion of Pearl street, Gilman square, and Medford street, extending from Cross street to the westerly line of School street, a length of 2,845 linear feet, amounting to 7,603.8 square yards. The space occupied by the street railway tracks was not paved with the new pavement, but left with the old granite block pavement. The contract price for laying this new pavement complete, including a five-years' guarantee, was \$2.25 per square yard, and the entire cost to the city of the new work was \$18,558.54, deducting the amount allowed for old materials removed on the line of work as a credit to the account, shows the net cost to the city, \$18,298.27.

The vitrified brick pavement has been extended in Davis square, West Somerville, easterly on Highland avenue a length of 100 feet, amounting to 433 yards, at a total cost of \$1,261.52; the street railway company paving the space occupied by their track location with the same material.

This pavement was laid on a Portland cement concrete base, and the brick joints grouted with Portland cement.

Table Showing Sidewalks Constructed (not exceeding one-half cost assessed on abutters) and Paved Gutters Laid in Connection Therewith in 1905.

STREET.	WARD.	SIDE.	FROM	TO	WIDTH OF SIDEWALK IN FEET.	MATERIALS.		TOTAL COST.	PAVED GUTTERS.			
						Gravel and Edgestone. Lineal Feet.	Bricks. Sq. Yards.		Sq. Yards.	Cost.		
Alston	1	{ Southerly Northerly }	Cross st.	{ Shawmut pl. E'ty line B. & M. R. R. sta. lot }	6.67	864.5	.....	\$754 35	288.2	\$550 14	
Bartlett	5	Southeasterly	Ames st.	Robinson st.	6.67	.....	128.0	118 23	.....	.....
°Broadway	5	Northerly	Main st.	Opposite Norwood ave. . . . .	.....	1,328.7	.....	1,363 09	442.9	776 89
Chandler	7	{ Southeasterly Northwesterly }	William st. Estate No. 64 }	Broadway	6.67	.....	605.0	638 80	.....	.....
Charnwood road	6	Both	Willow ave.	Hancock st.	6.67	.....	804.7	840 76	.....	.....
Durham	2	Both	Beacon st.	Hanson st.	6.67	882.9	.....	788 97	294.3	523 72	
Elm	6	Southwesterly	Mossland st.	White st.	{ 10.50 10 }	564.4	.....	545 86	188.1	367 91	
Evergreen avenue	5	Northerly	Thurston st.	Sycamore st.	6.67	308.6	.....	256 57	120.0	189 10	
Farragut avenue	7	Both	Broadway	Southerly about 600 ft.	6.67	1,184.0	.....	1,000 21	394.7	556 93	
Glenwood road	5	Westerly	Medford st.	Southerly line No. 56	9.00	{ 6.00 brick 3.00 sod. }	201.6	243 34	.....	.....
Hanson	2	Both	Washington st.	Vine st.	5.00 and 6.00	1,580.1	.....	1,302 97	526.7	764 15	
Hawthorne	7	Both	Willow ave.	Cutter ave.	5.00	1,599.3	.....	1,412 14	533.1	856 35	
Holland	7	{ Northeasterly Where not laid }	Irving st.	Broadway	10.00	1,155.5	.....	1,223 65	439.0	736 22	
Hudson	5	Northerly	Lowell st.	Cedar st.	6.67	.....	964.3	969 92	.....	.....
Main	5	{ Southwesterly Where not laid }	Broadway	Medford city line	8.33 to 9.00	705.9	.....	703 42	241.0	453 30	
Medford	1	Easterly	Boston & Albany R. R.	Cambridge line	8.33	22.4	137.9	211 11	.....	.....
Medford	5	Southwesterly	Glenwood rd.	{ Westerly, Ann E. McLaughlin estate }	9.17	.....	85.4	98 72	.....	.....
Moreland	5	Both	Main st.	Meacham st.	6.67	1,419.6	.....	1,440 04	552.1	878 77	
Morrison	7	{ Northeasterly Where not laid }	College ave.	Willow ave.	6.67	.....	722.2	769 83	.....	.....
Mt. Vernon	1	Easterly	Pearl st.	Southerly to old stone	8.33 to 6.67	49.7	54.5	88 50	16.6	62 20		
Ossipee road	7	Both	Packard ave.	Curtis st.	6.67	1,443.5	.....	1,218 11	481.2	701 30	
Pearl	1	Southwesterly	Mt. Vernon st.	Crescent st.	6.00	333.8	189.5	572 60	111.3	226 05		
Pritchard avenue	6	Both	Morrison ave.	Frederick ave.	6.67	1,209.2	.....	1,141 41	433.1	724 40	
Richardson	5	Both	Lowell st.	Lawrence st.	5.83	940.6	.....	850 56	313.5	461 73	
Spencer avenue	6	Both	Cedar st.	Hancock st.	6.67	.....	992.8	996 87	.....	.....
Sydney	4	Northeasterly	Grant st.	Temple st.	6.67	702.7	.....	632 53	234.2	303 60	
Warren	2	Both	Medford st.	Cambridge city line	5.00 to 6.67	196.3	.....	206 90	.....	.....
*Willow avenue	6	Easterly	Frederick ave.	Broadway	8.33	{ 5.00 walk 3.33 sod. }	559.4	783 65	.....	.....
Wilton	5	Both	Lowell st.	Lawrence st.	5.83	942.7	.....	842 19	314.2	437 43	
Wyatt	2	Westerly	No. 14, 16, 18, 20. . . . .	. . . . .	6.67	.....	63.5	57 20	.....	.....
Total assessment, \$10,354.70						Net cost to city, \$10,354.71		17,524.4	5,508.8	\$22,072 50	5,924.2	\$9,570 19
Amount of edgestone and brick sidewalk, including granolithic, in front of private estates						264.2		4,866.0	70.7	\$92 62	
Totals. (Gravel sidewalks, 3.036 miles. Brick, granolithic, and tar sidewalks, 3.301 miles.)												

°Assessment abated and charged to Highway Maintenance.

*Granolithic.

A small amount of granite block paving was laid in Warren street, 267.5 square yards, and on the southerly side of Somerville avenue, near the Cambridge line, 374.5 square yards were laid.

Many of the city's streets are constructed and repaired in a haphazard fashion rather than by adhering to a scientific scheme of laying a suitable permanent pavement of granite blocks, bitulithic, vitrified brick or asphalt, adapted to the character of the surroundings and amount of traffic and conditions encountered.

Where double car tracks have been laid in streets, leaving narrow roadways on either side, with flat grades, and streets that are continually torn up and openings made for underground work, it is impossible to maintain their surfaces in a proper condition, even at a heavy expense yearly.

On some of the principal streets the edgestones should be completed and gutters paved, so that the street can be properly drained in times of heavy storms.

All new construction work on highways, water works extension, etc., should be done by contract with the lowest bidder, under specifications and plans drawn by the city engineer, and thereby saving a considerable percentage of cost.

A petition is pending before the board of aldermen from the Boston-Lowell Interurban Street Railway for an elevated track location the entire length of Mystic avenue, extending from the Charlestown line to the Medford line, and a section in the northwesterly part of the city crossing over the Powder-house boulevard and extending into Arlington.

A public hearing has been held on this matter, and if this structure is built it will necessitate the widening and filling to grade of this avenue and macadamizing the roadway.

There are at present laid in Somerville streets twenty-nine and six-tenths miles of electric car track (single track location).

Plans and estimates of cost of constructing bridges and changing grades of Lowell street over the Southern division of the Boston & Maine railroad and Lexington and Arlington branch of this railroad have been made and submitted to the county commissioners and railroad commissioners; and after many hearings held before the commissioners on the matter during the year, and the presentation of much data on the subject, a favorable report has been made for constructing bridges in accordance with the plans presented.

The abolition of steam railroad grade crossings in this city has been a matter of discussion and consideration by various city governments for a number of years past, and while the expense to the city for changing these crossings would be large the amount would be quite small when compared with the total cost and amount of work involved by the railroad companies.

In June of the past year a special commission, consisting of three members, was appointed by the court to consider the mat-

ter of abolition of crossing at grade on the line of the Fitchburg division of the Boston & Maine railroad through the city. Considerable work has been accomplished during the latter part of the year in making plans, profiles, and studies as to the most feasible and best design for the city to prepare and present to this commission for their consideration of the changes to be made, and probably in the early part of 1906 a plan will be presented.

Fifteen hundred dollars was appropriated for preparing plans and data on this grade crossing work, and \$522.70 has been expended.

Perambulation of City Boundary Lines. In December, 1905, representatives from the city of Somerville and city of Cambridge examined the bounds defining the division line between the two cities; and also met representatives from the town of Arlington and performed a like duty on the boundary line between Somerville and Arlington, reporting in due form to the board of aldermen. These boundary lines are perambulated every five years.

Considerable work has been done by the engineering department at various times by the collection of data and estimates in reference to the newly-constructed bridge across Mystic river, between Somerville and Wellington, on the line of the Metropolitan parkway, and used at hearings held before the commission for apportionment, and their decision was rendered in September, 1905, on the percentage of cost of construction and maintenance, to be paid as follows:—

Metropolitan Park district	50	per cent.
Medford	19	“ “
Malden	14	“ “
Somerville	12½	“ “
Stoneham	3½	“ “
Reading	1	“ “
Total	100	per cent.

SEWER DEPARTMENT.

Sewers Construction Account.

STATEMENT OF EXPENSES, 1905.

Constructing "separate system" sewers (assessments levied) petitioned for	\$1,798 51	
Constructing "separate system" sewers (no assessments)	9,553 58	
Constructing "combined system" sewers (assessments levied) petitioned for	1,322 30	
Constructing storm drains and overflows	6,630 35	
Constructing fifty catch basins, street drainage	2,532 86	
Final payments on sewers constructed 1904, Work and materials furnished other departments (unpaid \$473.86)	499 34	
Sundry expenses, books and printing	723 46	
Materials on hand December 31, 1905	15 75	
	815 03	
Total expenditure	<u>\$23,891 18</u>	
Transferred to Highway Construction, paving	8,000 00	
Transferred to Sidewalks Construction	2,000 00	
Transferred to Electrical Department	700 00	
Transferred to Grade Crossings account	1,500 00	
Total		<u>\$36,091 18</u>
CREDIT.		
Appropriation	\$30,000 00	
Balance unexpended December 31, 1904	6,747 08	
Assessments levied, sewers constructed 1905, Amounts received from other departments	2,686 94	
Reserves on contracts, due 1906	270 37	
Materials on hand December 31, 1904	740 30	
	358 01	
Total		<u>\$40,802 70</u>
Balance unexpended		<u>\$4,711 52</u>

The greater part of the new construction work has been done by contract, and the remainder by the city employing day labor, where old structures were to be remodeled or replaced by some difficult construction work.

All materials have been furnished by the city, and the prices paid for drain pipe, cement, etc., for the season have been at an unusually low rate.

A number of sewers have been constructed as petitioned for in different sections of the city, and portions of the cost of construction assessed on the abutting estates under orders adopted by the board of aldermen.

Short lines of storm drains and overflows from congested sewers have been constructed during the year in the most needed districts.

In the North Somerville district, construction on a permanent storm drainage system has been commenced (the outlet being through the city of Medford into Mystic river), and negotiations are still pending with private land owners for rights of drainage on this line of work for a further improvement of a large area.

The "separate system" sewers (those built for house drainage only) have been extended in a number of streets, and this system should be extended yearly until all the flooded districts in the city have two complete systems of drainage, the new sewer to be used for storm and surface water. The city pays the entire cost of these new extensions.

Wherever these new sewers are constructed, the house plumbing should be changed where necessary, and the house drains re-connected with both systems as soon as possible.

New sewers and drains were constructed during the year, varying in size from eight-inch pipe to twenty-four-inch pipe, in the following localities:—

"Separate system" sewers in:—

- Boston avenue,—Pearson avenue to Prichard avenue.
- Bromfield road,—Two Penny brook to near Warner street.
- Dell street,—(northerly side) Glen street, westerly.
- Dickson street,—Broadway, northeasterly.
- Fountain avenue,—(both sides) Glen street, westerly.
- Franklin street,—(westerly side) Palmer avenue to Oliver street.
- Glen street,—(easterly side) Fountain avenue to Dell street.
- Harris street,—Beacon street to near the Cambridge line.
- Joseph street,—(southerly side) near Adrian street to Lincoln parkway.
- Lincoln parkway,—(southerly side) Joseph street, westerly.
- North street,—Powder-house boulevard to Russell road.
- Oliver street,—(southerly side) Franklin street to west of Glen street.
- Palmer avenue,—(southerly side) Franklin street to private lands.
- Private lands,—Palmer avenue to Glen street.
- Russell road,—North street, easterly and southerly.
- Somerville avenue,—No. 46 to near the East Cambridge line.
- Washington street,—(southerly side) Perry street to Beacon street.

“Combined system” sewers in:—

City Farm lands,—Berwick street, northwesterly to garbage plant.

Highland avenue,—(northerly side) Cedar street to near Lowell street.

Packard avenue,—Teele avenue to near Talbot avenue.

Prichard avenue,—Frederick avenue to near Boston avenue.

Skilton avenue,—Pearl street, southerly and westerly.

Storm drains in:—

Broadway,—(northerly side) Pearson road to Boston avenue.

Pearson road,—Two Penny brook to Broadway.

Summary of Work. Twenty-four new sewers and drains have been constructed during the year, a total length of 11,511.7 linear feet (2.18 miles) at a cost of \$19,608; plans have been made showing these sewers in detail and assessments levied on a portion of them, amounting to \$2,687. (See tabular statement of sewers and drains for 1905, showing itemized statement of work and cost.)

The total length of the city’s drainage system is 92.96 miles, 20.115 miles being on the “separate system,” and 5.606 miles of storm drains, and the entire cost of construction has amounted to about \$1,163,936, exclusive of the amount paid the state for the construction of the North Metropolitan sewerage system.

Fifty new catch basins have been constructed in the highways during the year, at an average cost of \$50.66 per basin, making a total of 1,364 catch basins in the city for street drainage purposes.

Metropolitan Sewer Connections. All of the city’s ten connections with the North Metropolitan sewerage system are in good condition. No new main connections have been required.

A plan and profile has been made showing a proposed sewer for the purpose of drainage from the Hinckley rendering works, located on the marsh lands and connecting with the Metropolitan main on Mystic avenue at Melrose street.

At the Somerville-avenue-Poplar-street connection with the Metropolitan sewer, records compiled from an automatic recording clock placed in the “regulator chamber” on the combined system show this outlet to have been cut off as follows:—

Year 1905, completely closed 297 hours, partly closed 548 hours.

In previous years the following:—

Year 1904,	completely closed	279	hours,	partly closed	922	hours.
“ 1903,	“	180	“	“	167	“
“ 1902,	“	376	“	“	377	“
“ 1901,	“	386	“	“	225	“
“ 1900,	“	353	“	“	114	“

The city's assessment for the Metropolitan system for the past year was \$32,966.96 on construction account and \$18,886.84 for maintenance, and the total amount paid the commonwealth of Massachusetts for this state sewer has been \$522,489.81 (1894-1905, both years inclusive). The total length of the Metropolitan sewerage system mains running through the city amounts to 3.368 miles.

New Work. The construction of the storm drainage system commenced the past year should be continued in the vicinity of North Somerville, where buildings and new streets are being rapidly constructed, with no good and permanent means yet provided for taking care of the storm water.

Storm drainage should be provided on sections of Mystic avenue.

In the vicinity of Lowell and Vernon streets, some arrangement should be made with the railroad company, whenever the highway bridge is constructed at Lowell street, for providing an outlet for storm water in this locality through the railroad valley, which would be beneficial to both city and railroad.

A large storm overflow drain has been contemplated for some time at the East Cambridge line, across private lands from Somerville avenue, discharging into the head of Miller's river. In conjunction with this last proposed work, a readjustment of the present legislative act should be made on a more equitable basis, whereby the amount paid by this city to Cambridge for the maintenance of the Somerville-avenue-Bridge-street sewer would be less and in proportion to the use of the same at the present time, the prevailing conditions being far different from what existed some thirty years ago, when the division of the cost was established.

A special act of the legislature in 1903 authorized the cities of Somerville and Cambridge and the towns of Arlington and Belmont to unite in improving the sanitary condition of Alewife brook within the limits of the referred-to cities and towns, and after considerable preliminary work had been done it was deemed advisable to suspend operations, as another act was passed by the legislature in 1904 whereby, in conjunction with the Metropolitan Park Commission, the entire length of Alewife brook, together with upper Mystic river in Medford, might be improved far more extensively than at first proposed by the cities and towns originally interested in the matter. No construction work has been done, and the brook remains in the same unimproved condition.

Following tables show itemized cost of sewers constructed in 1905; sewers constructed on the "separate system"; storm

TABULAR STATEMENT OF SEWERS BUILT IN 1905.

LOCATION.				ITEMS OF CONSTRUCTION AND COST.																							
NAME OF STREET.	FROM	TO	CONTRACTOR.	MATERIAL EXCAVATED.	Average Cut.	SEWER.		SUB-DRAIN.		Cubic yards Rock Excavation.	Price per cubic yard, Rock.	Manholes.	Average cost Manholes.	Inlets.	PIPE SEWER, COST PER LINEAL FOOT.							Total cost.	Assessment.	Cost to City.			
						Size in inches.	Length in feet.	Size in inches.	Length in feet.						Excavating, Re-filling, and Pipe Laying.		Price, including Sub-drain where laid.	Inspection.	Miscellaneous.	Lumber.	Average cost per lineal foot.						
															Main Sewer.	Sub-drain.											
*Boston ave.	Pearson ave.	Pritchard ave.	Bartholomew Burke	Hardpan	8.7	8	238.1	6	238.1	.....	.....	1	\$34.00	13	\$0.47	\$0.20	\$0.28	\$0.04	.....	.....	\$1.14	\$270.85	\$270.85	.....		
*Bromfield road	Two Penny brook	Near Warner st.	Daniel A. Dorey	Hardpan	8.0	8	431.6	.....	.....	.....	.....	1	31.00	34	0.40	.....	0.22	0.03	.....	.....	0.72	310.47	305.47	\$5.00
City Farm (garbage drainage)	Berwick st.	Westerly to building	Day Labor	Hardpan	6.2	8	357.0	.....	.....	.....	.....	1	\$2 30.00 20.00	5	0.40	.....	0.20	0.02	\$0.03	.....	0.85	303.26	.....	303.26
*Dickson st.	Broadway	Northerly	Timothy F. Crimmings	Hardpan and rock	7.0	8	211.0	.....	.....	21.5	\$2.50	1	32.00	10	0.30	.....	0.18	0.05	.....	.....	0.94	198.05	123.25	74.80
*Franklin st. (west side) and Oliver st. (south side)	Palmer ave.	Oliver st.	Daniel A. Dorey	Filling	7.9	8	241.6	.....	.....	8.0	1.00	1	38.50	10	0.48	.....	0.21	0.05	0.05	\$0.01	0.97	950.09	.....	950.09
*Glen st. (southeast side) and *Dell st. (northeast side)	Fountain ave.	Dell st.	Daniel A. Dorey	Filling	5.8	8	124.8	.....	.....	.....	.....	1	31.00	5	0.30	.....	0.20	0.03	0.08	.....	0.75	350.14	.....	350.14
*Harris st.	Beacon st.	Southwesterly	Day Labor	Sand and peat	5.7	8	125.5	.....	.....	.....	.....	1	30.00	10	0.26	.....	0.21	0.08	0.04	.....	0.84	105.88	.....	105.88
Highland ave. (north side)	Cedar st.	Near Lowell st.	Daniel A. Dorey	Hardpan	10.0	12	1264.0	.....	.....	1.2	4.00	4	35.50	43	0.57	.....	0.37	0.04	10.26	.....	1.36	1,718.55	.....	1,718.55
*Joseph st. (west side) and *Lincoln parkway (south side)	End of old sewer	Lincoln parkway	Daniel A. Dorey	Filling and clay	9.0	8	107.0	.....	.....	.....	.....	1	36.00	3	0.50	.....	0.19	0.05	0.01	.....	0.97	476.11	.....	476.11
*North st. and *Russell road	Powder House boulevard	Russell road	Bartholomew Burke	Hardpan	9.2	10	180.6	.....	.....	.....	.....	1	34.00	11	0.49	.....	0.23	0.04	.....	.....	1.08	1,019.14	1,019.14	.....		
Packard ave.	Teele ave.	Northerly	James H. Fannon	Hardpan and boulders	9.8	10	301.6	.....	.....	91.9	1.65	1	36.00	17	0.52	.....	0.31	0.05	.....	.....	1.50	453.11	186.11	267.00
*Palmer ave. (south side) *Private lands and *Fountain ave. (both sides)	Franklin st.	City playground	Patrick Burke	Filling	6.7	10	170.0	.....	.....	.....	.....	1	31.50	7	0.36	.....	0.24	0.07	1109.17	0.01	0.94	961.13	.....	961.13
Pearson road (storm drain) and Broadway (storm drain, north side)	Two Penny brook	Broadway	Daniel A. Dorey	Hardpan and rock	11.0	24	1063.0	3	115.0	489.0	3.00	2	57.50	1.25	0.20	1.06	0.09	0.04	3.74	6,630.35	6,630.35		
Pritchard ave.	S. of Frederick ave.	Near Boston ave.	Bartholomew Burke	Filling and Hardpan	6.2	8	491.0	.....	.....	.....	.....	3	57.50	2	1.25	.....	0.20	0.04	0.01	.....	0.75	368.09	368.01	0.08
Skilton ave.	Pearl st.	S'y thence westerly	Timothy F. Crimmings	Hardpan and Sand	8.2	10	431.0	5	75.0	1.7	2.00	2	33.50	27	0.45	0.20	0.29	0.08	0.03	0.11	1.16	501.10	414.11	86.99			
*Somerville ave. (south side)	No. 50 Somerville ave.	East Cambridge line	Richard Falvey	Filling and old seawall	10.4	10	581.9	6	559.7	30.0	2.60	2	50.50	18	0.875	0.20	0.36	0.10	.....	0.02	1.82	1,060.83	.....	1,060.83	
*Washington st. (south side)	Perry st.	Beacon st.	Willard B. Bryne	Sand and gravel	12.5	15	1400.1	5	1069.0	1.0	7.00	4	63.00	51	1.48	0.20	0.56	0.12	0.09	0.21	2.81	3,920.85	.....	3,920.85		
Total length and cost																									\$19,608.00	\$2,686.94	\$16,921.06

* Separate system sewers.

† Includes cost of connecting drains and repaving sidewalk.

‡ Includes relaying a portion of Knowlton street sewer.

§ Catch-basins.

Total length of sewers built by the city, January 1, 1906 426,602.7 feet.

Total length of private sewers in the city, January 1, 1906 34,627.0 feet.

Total length of sewers in the city, January 1, 1906 461,229.7 feet, or 87.354 miles. (20.115 miles separate system.)

Total length of storm drains in the city, January 1, 1906 29,598.3 feet, or 5.606 miles.

Total length of the city drainage system, January 1, 1906 92,960 miles.

Total length of Met. sewerage system mains running through the city 3.368 miles.

COMPILED TABLE SHOWING LENGTH AND COST OF SEPARATE SYSTEM SEWERS CONSTRUCTED TO 1906.

DATE OF CONSTRUCTION.	STREET.	FROM	To	LENGTH IN FEET.	COST BY YEARS.
1899	Adrian st. (both sides)	Joseph st.	Marion st.	1,203.2	
1902	Allen st.	Old sewer changed to separate	system sewer	648.0	
1896	Ash ave.	Meacham st.	Northeasterly	302.0	1896
1896	Ash ave.	East Albion st.	Southwesterly	288.5	\$42,029 39
1900	Bay State ave.	Mallet st.	Northerly and southerly	448.5	
1900	Bay State ave.	Kidder ave.	Northerly and southerly	518.5	
1902	Beach ave.	Columbia st.	Near Webster ave.	186.9	
1902-'05	Beacon st. (northeast side)	Southeast side Washington st.	Stanford ter.	3,089.9	
1903	Beacon st. (southwest side)	Kent st.	Harris st.	1,403.3	
1902	Beckwith circle	Beacon st.	Southwesterly	101.8	
1899	Bolton st. (both sides)	Oak st.	Houghton st.	962.3	
1896-'05	Boston ave.	Medford line	Pritchard ave.	911.0	
1889	Bowdoin st.	Old sewer changed to separate	system sewer	305.0	
1896	Broadway	Boston ave.	Willow ave.	377.3	
1896	Broadway	Winchester st.	Cedar st.	380.0	
1896	Broadway	Cedar st.	Southeasterly	370.5	
1897	Broadway	Willow ave.	Bay State ave.	480.5	
1898	Broadway	Alewife brook	About 70 ft. S. E. Weston ave.	1,847.1	1897
1905	Bromfield rd.	Two Penny brook	Near Warner st.	431.6	\$573 78
1896	Cameron ave.	Seven Pines ave.	Northeasterly	532.0	
1896	Cedar st.	Broadway	Near Boston & Lowell railroad	412.8	
1900	Clark st. and Lincoln park	Newton st.	Washington st.	1,149.6	
1896-'03	College ave.	Private lands	Near Warner st.	593.0	
1901	Columbia st.	Webster ave.	Near Cambridge line	797.6	
1899	Concord ave. (north side)	Newton st.	Springfield st.	553.8	
1899	Concord ave. (north side)	Prospect st.	Near Concord sq.	510.0	
1899	Concord ave. (south side)	Prospect st.	Springfield st.	986.2	
1900	Conwell ave.	North st.	Near Curtis st.	1,276.6	
1904	Dane ave. (both sides)	Leland st.	Near Dane st.	1,105.5	
1901	Dane st. (east side)	Washington st.	Fitchburg railroad	729.2	
1901	Dane st. (west side)	Washington st.	Tyler st.	997.3	
1902	Dearborn rd.	Boston ave.	Near Bromfield rd.	198.5	
1905	Dell st. (northeast side)	Glen st.	Angle near Tufts st.	342.5	1898
1899	Dickinson st. (both sides)	Springfield st.	Near Cambridge line	1,437.4	\$23,627 15
1905	Dickson st.	Broadway	Northerly	211.0	
1896	East Albion st.	Ash ave.	Medford line	648.5	
1896	Elmwood st.	Tannery Brook sewer	Southwesterly and northeasterly	634.6	
1903	Elmwood ter.	Elmwood st.	Easterly	201.4	
1898-'02	Endicott ave.	Broadway	Southwesterly	478.0	
1898	Farragut ave.	Woodstock st.	Broadway	957.5	
1905	Fountain ave. (both sides)	Glen st.	Northwesterly	534.4	
1902-'05	Franklin st. (westerly side)	Washington st.	Oliver st.	785.9	
1887	Fremont ave.	Old sewer changed to separate	system sewer	89.0	
1896	Fremont st.	Mystic ave.	Near East Albion st.	234.8	
1896	Fremont st.	East Albion st.	Main st.	1,229.5	
1898	Garrison ave.	Proposed st.	Near Broadway	828.5	1899
1905	Glen st. (southeast side)	Fountain ave.	Dell st.	124.8	\$15,931 52
1896	Glendale ave.	Yorktown st.	Near Cameron ave.	334.1	
1896	Gorham st.	Howard st.	Northeasterly	569.6	
1896	Hanson ave.	Old sewer changed to separate	system sewer	226.8	
1901	Hanson st.	Washington st.	Near Vine st.	733.6	
1905	Harris st.	Beacon st.	Southwesterly	125.5	
1902	Harrison st.	Elmwood st.	Southeasterly	194.0	
1899	Houghton st. (both sides)	Springfield st.	Near Cambridge line	992.1	
1896	Jay st.	Howard st.	Northeasterly	329.9	
1899-'05	Joseph st. (both sides)	Newton st.	Near Lincoln park	804.7	
1900	Josephine ave.	Broadway	South of Frederick ave.	1,301.5	
1900	Kidder ave.	Lowden ave.	Bay State ave.	226.0	
1902	Laurel st.	Somerville ave.	Park pl.	239.2	1900
1904	Leland st.	Washington st.	Dane ave.	393.0	\$39,427 69
1905	Lincoln parkway (south side)	Joseph st.	Westerly	382.0	
1902	Linden st.	Somerville ave.	Near Charlestown st.	598.3	
1902	Linwood st. (both sides)	Near Somerville ave.	Near Washington st.	2,450.7	
1900	Lowden ave.	Broadway	Near Fosket st.	1,189.6	
1902	Main st.	Fremont st.	Near Moreland st.	180.7	
1900	Mallet st.	Lowden ave.	Bay State ave.	240.0	
1896	Malvern ave.	Yorktown st.	Near Cameron ave.	333.5	
1903	Maple st.	Old sewer changed to separate	system sewer	598.0	
1899	Marion st.	Wyatt st.	Near Concord ave.	917.0	
1902	Marion st. (west of Wyatt st.)	Old sewer changed to separate	system sewer	194.0	
1896	Meacham st.	Moreland st.	Ash ave.	215.7	
1896	Meacham st.	Fremont st.	Medford line	141.5	
1901	Meacham st.	Moreland st.	Near Fremont st.	206.0	1901
1896	Medford st.	N. P. & P. Co.'s drive	N. E. D. M. & W. Co.'s drive	96.3	\$11,489 31
1902	Merriam st.	Somerville ave.	Near Charlestown st.	499.0	
1896-'98	Moreland st.	Mystic ave.	Near Heath st.	1,319.9	
1896	Mystic ave.	Moreland st.	Fremont st.	286.6	
1899	Mystic ave.	Winthrop ave.	Wheatland st.	714.8	
1899	Newton st. (north side)	Prospect st.	Concord ave.	1,158.6	
1899	Newton st. (south side)	Webster ave.	Near Concord sq.	605.5	
1901	Norfolk st. (both sides)	Webster ave.	Near Cambridge line	601.4	
1898-'05	North st.	Russell rd.	Conwell ave.	734.3	
1899	Oak st. (both sides)	Prospect st.	Near Cambridge line	2,376.7	
1905	Oliver st. (southerly side)	Franklin st.	West of Glen st.	742.2	
1902-'05	Palmer ave. (both sides)	Franklin st.	City playground	351.9	
1886	Parker st.	Old sewer changed to separate	system sewer	240.0	
1896	Passageway off Broadway	Broadway	Southwesterly	221.1	1902
1902	Pearson rd.	Sewer at Medford line	Near Broadway	916.2	\$23,417 57
1889	Perry st.	Washington st.	Southerly	325.0	
1902	Poplar st.	Somerville ave.	Joy st.	733.7	
1904	Porter st. (both sides)	Elm st.	Northeasterly	257.0	
1904	Powder Ho. boul. (both sides)	North st.	Near Curtis st.	2,359.0	
1896	Private lands	Medford line	College ave.	421.5	
1896	Private lands	Somerville ave. Met. Con.	Medford st.	175.5	
1898	Private lands	Alewife brook	North st.	405.0	
1905	Private lands	Palmer ave.	Fountain ave.	314.9	
1899	Prospect st.	Somerville ave.	Newton st.	68.4	
1899-'00	Prospect st. (both sides)	Webster ave.	Near Cambridge line	2,056.9	
1898	Raymond ave.	North st.	Southeasterly	1,194.5	
1900	Rogers ave.	Broadway	Near Frederick ave.	962.4	1903
1904-'05	Russell rd.	Broadway	North st.	1,178.6	\$3,619 10
1898-'00	Somerville ave. (north side)	Franklin ct.	Linden ave.	9,935.3	
1896-'05	Somerville ave. (south side)	Opposite Poplar st.	East Cambridge line	2,008.9	
1900	Somerville ave. (south side)	Laurel st.	Opposite Craigie	2,261.7	
1901	Somerville ave. (south side)	Prospect st.	Malloy ct.	1,263.8	
1899	Springfield st. (both sides)	Concord ave.	Near Cambridge line	1,494.8	
1896	Tannery brook	Clarendon ave.	84 ft. east of Thorndike st.	3,907.9	
1896	Thorndike st.	Howard st.	Southwesterly and northeasterly	251.2	
1901	Tremont st.	Webster ave.	Near Cambridge line	638.6	
1902	Tyler st.	Dane st.	Vine st.	410.3	
1900	Upland park	Broadway	Southwesterly	195.2	
1898	Victoria st.	Woodstock st.	Near Broadway	847.4	
1904	Ware st.	Powder-house boul.	S'wly and in Ware st. E. and W.	464.6	
1900-'05	Washington st. (both sides)	Lincoln park	Beacon st.	3,681.4	1904
1900	Washington st.	South side	South side	48.8	\$6,392 44
1902	Washington st. (south side)	Waverly st.	Franklin st.	1,338.0	
1904	Washington st. (south side)	Webster ave.	Near Fitchburg railroad	455.9	
1898	Waterhouse st.	Woodstock st.	Near Broadway	791.2	
1902	Watson st.	Broadway	Near Fairmount ave.	212.6	
1902	Waverly st.	Met. Con., at Roland st.	Washington st.	215.9	
1897-'04	Webster ave. (both sides)	Union sq.	Near Cambridge line	4,795.5	
1896	Willow ave.	Broadway	Near Fosket st.	997.9	
1896	Wilson ave.	Broadway	Southwesterly	314.8	1905
1896	Winchester st.	Medford line	Broadway	102.7	\$9,633 54
1898	Woodstock st., private lands, and proposed st.	Metropolitan sewer	Garrison ave.	860.9	
1902	Wyatt cir.	Wyatt st.	Farragut ave.	76.9	
1896	Yorktown st.	Cambridge line	Westerly	367.8	
			Northeasterly	367.8	

Total length and cost to January 1, 1906 (20.115 miles) 106,204.7 \$181,141 49

COMPILED TABLE SHOWING LENGTH AND COST OF STORM DRAINS CONSTRUCTED TO 1906.

DATE OF CONSTRUCTION.	DISTRICT BENEFITED.	FROM	To	LENGTH IN FEET.	COST.		
East Somerville District :							
1902	Boston & Maine R. R. (marsh land)	Middlesex ave.	Mystic river	1,108.0	By B. & M. R. R.		
1902-'03	Middlesex ave. (tidegate chamber)	Winthrop ave. extension	B. & M. railroad land	24.0	\$2,988 60		
1903	Middlesex av. & Winthrop av. ext'n	B. & M. land on Middlesex ave.	Mystic ave.	880.4	17,596 35		
1900-'03	Mystic ave. and Winthrop ave.	Bell Mouth chamber	Bell Mouth chamber	58.2	2,470 82		
1897	Mystic ave.	Winthrop ave.	Wheatland st.	726.0	7,569 17		
1897	Winthrop ave.	Mystic ave.	Broadway	1,268.0	19,241 53		
1898	Winth'p av. (including Bell Mouth)	End of drain built in 1897	Broadway	25.7	755 67		
1898	Broadway	Winthrop ave.	Sargent ave.	1,648.6	14,566 77		
1898	Sargent ave.	Broadway	Sherman ct.	}	20,900 26		
1898	Sherman ct.	Sherman ct.	Marshall st				
1898	Marshall st.	Sherman ct.	Gilman sq.				
1898	Gilman sq.	Marshall st.	Medford st.				
1898	Medford st.	Gilman sq.	School st.				
1900	School st.	Medford st.	Richdale ave.			}	451.0
1900	Richdale ave.	School st.	Northwest of Essex st.				
1898	Broadway	Winthrop ave.	Cross st.			}	1,877.5
1898	Cross st.	Broadway	Pearl st.				
1899	Otis st.	Cross st.	Westerly . . . . .					375.0	15,741 27
Lowell Railroad Valley District :							
1902	Murray st.	Washington st.	Southerly	140.0	125 21		
1896-'99	Private lands (west of Lowell st.)	Lex. & Arl. Branch railroad	Hudson st.	865.0	1,853 46		
1904	Lowell st.	Albion st.	Hudson st.	246.0	140 90		
1903	Vernon st.	Glenwood road	Trull st.	372.0	531 42		
Somerville Avenue District :							
1903	Maple st.	Poplar st.	Near Medford st.	608.5	625 34		
1902	Linden st.	Old sewer changed to storm drain	drain	626.0		
1902	Merriam st.	Old sewer changed to storm drain	drain	547.0		
1902	Allen st.	Somerville ave.	Near Charlestown st.	557.0	1,080 23		
1902	Prospect Hill parkway	Columbus ave.	Northerly	262.0	343 72		
1898	Union sq.	Washington st.	Bow st.	}	2,080.8		
1898	Bow st.	Union sq.	Summer st.				
1898	Summer st.	Bow st.	School st.	}	498.0		
1899	School st.	Summer st.	Berkeley st.				
1904	Vine st.	Somerville ave.	Southwesterly	130.0	222 78		
1901	Somerville ave.	Spring st.	Lowell st.	705.0	1,432 96		
1901-'04	Cedar st.	Southwest of Sartwell ave.	Highland ave.	1,443.2	5,428 96		
North Somerville District :							
1905	Pearson rd.	Two Penny brook	Broadway	}	1,775.1		
1905	Broadway	Pearson rd.	Boston ave.				
1904	Broadway	Josephine ave.	Boston & Lowell railroad			504.0	6,630 35
Tannery Brook Valley District :							
1898-'03	Tannery Brook drain (in Camb.)	Near Alewife brook	Clarendon ave.	657.3	2,533 73		
1896	Tannery Brook drain	Clarendon ave. (in Cambridge)	Davis sq.	3,144.0	*31,942 76		
1901	Lex. & Arl. Branch R. R. location	Holland st.	Willow ave. & Morrison ave.	2,135.2	10,031 51		
1904	Yorktown st.	Tannery Brook drain	Glendale ave.	251.0	149 73		
1896	Cameron ave.	Tannery Brook drain	Northerly	170.0	115 72		
1904	Cameron ave.	Tannery Brook drain	Mead st.	614.5	1,726 89		
1896	Gorham st.	Tannery Brook drain	Northerly	285.0	196 24		
1896	Jay st.	Tannery Brook drain	Northerly	155.0	87 38		
1898	Day st.	Davis sq.	Westerly	318.2	360 90		
Total length and cost (5,606 miles)				29,598.3	\$188,032 33		

*Land damages excepted.

Compiled Table Showing Various Forms and Sizes, Materials of Construction and Lengths of the City's Drainage System.

SIZE IN INCHES.	PIPE, FEET.	BRICK, FEET.	BRICK, STONE, FEET.	BRICK, CONCRETE, FEET.	WOOD, FEET.	WOOD, BRICK, FEET.	STONE, CONCRETE, FEET.	CONCRETE, FEET.	STONE, FEET.	IRON, PIPE, FEET.
6	6,802	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
8	110,407	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
9	258	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	100
10	56,100	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	40
10 x 12	190	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
12	114,881	. . . . .	. . . . .	290	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
12 x 12	335	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
12 x 14	198	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
13 x 16	426	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
15	15,124	17,466	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
14 x 18	500	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
13½ x 20	1,762	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
16	126
16 x 16	578	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
15 x 20	380	. . . . .	875	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
15 x 22	250	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
15 x 22½	250	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
18	4,619	18,853	. . . . .	908	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
16 x 21	462	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
16 x 22	1,200	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
17 x 17	289	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
17 x 21	230	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
16 x 24	851	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
17 x 24	17,204	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
20	4,183	10,121	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
17 x 26	1,258	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
18 x 24	134	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
18 x 27	1,051	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
20 x 24	313	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
19 x 26	600	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
24	9,474	13,249	. . . . .	556	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
20 x 30	1,889	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
24 x 28	5,417	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
26	1,703	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
22 x 33	5,071	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
24 x 30	63	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	700	. . . . .
28	1,918	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
30	1,386	5,240	. . . . .	. . . . .	65	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
24 x 36	2,645	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
26 x 39	2,623	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
36	8,011	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
36 x 38	2,803	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
30 x 45	2,873	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
35 x 44	727	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
40	618	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
36 x 48	370	. . . . .
42	4,666	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
39 x 52	444	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
48	7,686	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
50	725	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
48 x 52	1,468	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
42 x 60	471	. . . . .	. . . . .	. . . . .	. . . . .
51	1,326	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
48 x 60	642	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
54	1,899	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
56	1,174	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
60	926	. . . . .	. . . . .	. . . . .	872	. . . . .	. . . . .	. . . . .	. . . . .
62	732	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
48 to 84	657	. . . . .	. . . . .	. . . . .
48 x 84	848	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
66	1,902	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
48 x 86	187	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
72	1,487	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
84	1,219	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
78 x 78	1,108	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
85 x 90	1,267	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
96	1,165	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
90 x 120	900	. . . . .	. . . . .
104¾ x 111	12	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
132 x 132	20	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
Totals	323,244	152,455	6,575	3,145	1,173	1,343	657	900	1,070	266

Total length of the city drainage system, January 1, 1906, 490,828 feet, or 92.960 miles.

drains constructed; size and materials of construction of the city's entire drainage system:—

Sewers Maintenance Account.

STATEMENT OF EXPENSES, 1905.

Maintenance of sewers, including cleaning and flushing (93 miles)	\$3,616 54	
Maintenance of catch basins, cleaning and flushing (1,314)	6,013 88	
Changing line and grade and repairing catch basins	719 76	
Changing line and grade and repairing manholes	520 40	
Inspection and location of house drains	253 10	
New tools and supplies	428 79	
Repairs of tools and property	75 45	
Sewer plan books, binding and repairing	42 25	
Sundry expenses, car fares, telephone, etc.,	52 84	
Maintenance of sewer department yards and buildings	288 67	
Work and materials furnished other departments	107 08	
Total		\$12,118 76
CREDIT.		
Appropriation	\$12,000 00	
Amounts received from other departments, labor, materials furnished	107 08	
Sale of old hose, iron, etc.	13 40	
Total		\$12,120 48
Balance unexpended		\$1 72
Value of tools and property on hand used in maintenance of sewers	\$1,004 38	

A permanent force of men and teams are kept continually at work flushing, cleaning, and repairing the city's drainage system, the expense necessarily increasing yearly as lengths of sewers, drains, and catch basins are added to the system.

Over 9,000 cubic yards of deposit have been removed from the catch basins and sewers during the year, and the average cost per mile for cleaning and maintaining has amounted to \$103.55.

Forty-five catch basins and seventy-six manholes have been repaired, and grade or line changed.

A number of repairs have been made on some of the old sewers, alterations made in the outlets, and overflows and extra manholes built for the purpose of improving the system.

Three hundred and forty-eight permits have been issued to licensed drain layers for connecting buildings with the main sewers, forty-eight being for repairs; all of the work being done

under the supervision of the city's inspector. There are to date about 13,115 private drain connections with the city's drainage system.

Considerable miscellaneous work has been done and materials furnished other departments during the year whenever requested, the sewer department being reimbursed for the same.

VIEWS IN
SOMERVILLE
PARKS.



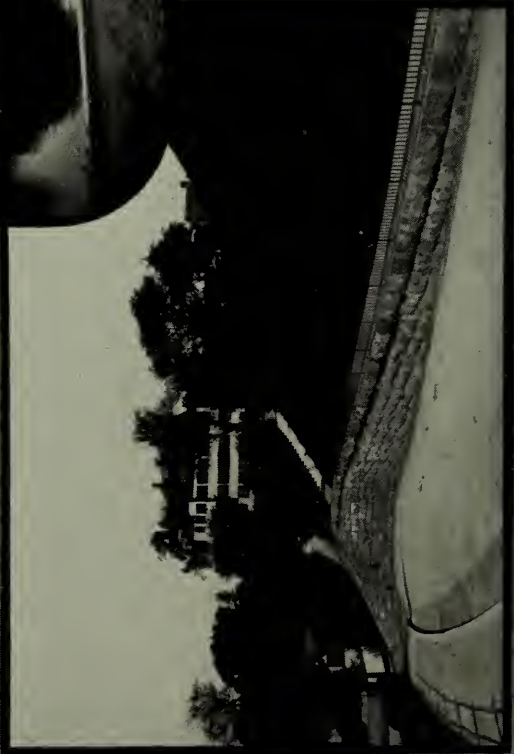
CENTRAL HILL PARK



TUFTS PARK



PROSPECT HILL PARK



LINCOLN PARK



BROADWAY PARK

— 1905 —

PUBLIC GROUNDS DEPARTMENT.

At the present time there are eighteen separate parcels of land, located in all parts of Somerville, used for parks and playgrounds, amounting to sixty-four acres, and also a boulevard about one and one-third miles in length maintained by the city.

The larger areas, Broadway, Central hill, Prospect hill, Lincoln and Tufts parks, have been policed by regular officers from the police department during the spring and summer months as the appropriation would allow, trees and shrubs added to the various grounds, and bulbs, plants, and flowers furnished in their seasons, and during the winter time ponds flooded for skating when the weather was favorable.

Six fields have been maintained for baseball and three for football playing, and are constantly in use by the various athletic teams, and the outdoor gymnasium, bicycle track, and tennis courts have been a source of much enjoyment.

Additional seats have been built on the enclosed athletic field in West Somerville during the year, at the expense of the High School Athletic Association, making a total seating capacity for nearly 5,500 people, and a raised inclining platform was constructed, accommodating an additional 3,000 people; this platform is removable.

On Thanksgiving day, at a football game between teams representing the Somerville and Cambridge high schools, there were over 9,000 people in attendance.

A portion of the cost of maintaining this field should be paid for by the High School Association, as admission is charged to these contests.

The playground located at the corner of Broadway and Cedar street has been completely graded, and the slopes along the streets will be planted with shrubs and trees in the early spring.

Wyatt's clay pit in Lincoln park has been completely filled, and during the coming year this park can be laid out and completed as originally designed.

Trees of the Bolleana poplar variety have been planted on both sides of the Powder-house boulevard, extending from Curtis street westerly to the end of this roadway, near Mystic river; also there was a small balance left over on construction account, which was used during the year in grading the grass plots, slopes, and sidewalks northwest of North street, amounting to \$369.30.

Playgrounds, where the land is owned by private parties and turned over to the city for use, have been maintained in the fol-

Amount brought forward		\$7,564 94
Paul Revere Park:—		
Maintenance of grounds		14 41
Broadway Athletic Field, Tufts College land (4.4 acres):—		
Maintenance of grounds and care of property	\$629 83	
Building new seats (High School Associa- tion)	545 83	
Tools and supplies	32 29	
Repairing property	3 05	
	<hr/>	1,211 00
Playgrounds, Glen street, corner Oliver street (0.9 acre + 1.5 acres leased):—		
Maintenance of grounds		35 37
Playgrounds, Poplar street, corner Joy street (0.4 acre):—		
Maintenance		52 62
Playgrounds, Webster avenue, near Cam- bridge line (0.2 acre):—		
Maintenance of grounds		8 00
Playgrounds, Winthrop avenue (2.5 acres leased):—		
Maintenance		12 25
Playgrounds, Highland avenue, at Cedar street (1.8 acres leased):—		
Maintenance		130 41
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance of grounds	\$31 88	
Repairing property	55 44	
	<hr/>	87 32
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance of grounds	\$47 65	
Plants, flowers, bulbs, etc.	125 50	
	<hr/>	173 15
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Maintenance of grounds	\$73 19	
Completion, grading westerly part of field, Trees and shrubs for slopes	594 42	
	393 75	
	<hr/>	1,061 36
Playgrounds, College avenue, opposite Morrison avenue (0.4 acre):—		
Maintenance of grounds		14 25
Cemetery, Somerville avenue (0.7 acre):—		
Maintenance of grounds		36 75
Powder-house boulevard (1 1-3 miles long):—		
Maintenance of roadway and walks	\$384 45	
Trees and planting	173 02	
	<hr/>	557 47
Incidentals		39 00
	<hr/>	
Total expenditure, maintenance (64 acres, 1 1-3 miles boulevard)		\$10,993 30

CREDIT.	
Appropriation	\$10,500 00
Transferred from other departments (labor), Amount received from High School Ath- letic Association	45 00 452 53
Sale of old mower	1 00
Total	\$10,998 53
Balance unexpended	\$0 23
Value of tools and property used in main- tenance of grounds	\$1,500 00
Amount expended on construction account, Powder-house boulevard	\$369 30

APPENDED TABLE.

Following this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1901 report a table was given showing the locations and names of public squares in the city, and in the 1898 report old names of certain streets as formerly known.

Respectfully submitted,

ERNEST W. BAILEY,

City Engineer.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Abdell pl.	Somerville ave.	Southwesterly	Private.	25	....	203
Adams	Broadway	Medford st.	Public.	40	907	....
Addison pl.	Somerville ave.	Southwesterly	Private.	20	....	150
Adrian	Marion st.	Joseph st.	Public.	40	579	....
Albion pl.	Albion st.	Northeasterly	Private.	10	....	166
Albion ct.	Albion st.	Southwesterly	Private.	16	....	116
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	....	100
Albion ter.	Albion st.	Southwesterly	Private.	25	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Private.	30	....	670
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st.	Shawmut pl.	Public.	40	567	....
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appleton	Willow ave.	Clifton st.	Public.	40	548	....
Appleton	Clifton st.	Liberty ave.	Private.	40	....	120
Arlington	Franklin st.	Lincoln st.	Public.	40	452	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacham st.	Northeasterly	Private.	40	....	705
Ashland	Summer st.	Sartwell ave.	Public.	30	478	....
Atherton	Central st.	Beech st.	Public.	40	264	....
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	716	....
Autumn	Broadway	Bonair st.	Private.	20	....	420
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Broadway	Public.	40	1,550	....
Bartlett	Washington st.	Southerly	Private.	20	....	200
Barton	Broadway	Russell road.	Private.	40	....	382
Bay State ave.	Broadway	Fosket st.	Private.	40	....	1,197
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,007	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Beckwith circle	Beacon st.	Southwesterly	Private.	20	....	120
Bedford	South st.	Cambridge line	Public.	30	165	....
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belknap	Broadway	Russell road.	Private.	40	....	449
Belmont	Somerville ave.	Highland ave.	Public.	40	2,192	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	585	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Hudson st.	Public.	40	1,208	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	Munroe st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Winthrop ave.	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450
Bolton	Oak st.	Houghton st.	Public.	40	476	....
Bonair	Cross st.	Walnut st.	Public.	40	1,535	....
Bond	Broadway	Jaques st.	Public.	40	655	....
Bonner ave.	Washington st.	Columbus ave.	Public.	40	376	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	TO	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Boston ave. . . .	Medford line . . .	Mystic river . . .	Public.	60	915	....
Boston ave. . . .	Broadway	Medford line . . .	Public.	50	80	....
Boston ave. . . .	Broadway	Highland road . . .	Private.	65	....	290
Boston ave. . . .	Highland road . . .	Easterly angle . . .	Private.	50	....	655
Boston ave. . . .	Angle southerly . . .	Morrison ave. . . .	Private.	40	....	1,025
Boston	Washington st. . . .	Prospect Hill ave. . .	Public.	45	640	....
Boston	Prospect Hill av. . .	Walnut st.	Public.	40	1,242	....
Bow	Union sq.	Wesley sq.	Public.	60	658	....
Bow	Wesley sq.	Somerville ave. . . .	Public.	50	570	....
Bowdoin	Washington st. . . .	Lincoln park	Public.	40	341	....
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Bristol road	Broadway	Medford line	Private.	40	....	98
Broadway	Charlestown line . . .	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Dearborn road	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	504	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	292	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell ave.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Private.	40	....	250
Calvin	Dimick st.	Washington st.	Private.	30	....	395
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,065	....
Campbell pk.	Meacham rd.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R. . . .	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar ct.	Cedar st.	Southeasterly	Private.	15+	....	70+
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st . . .	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,137	....
Central	Somerville ave.	Summer st.	Public.	33	1,043	....
Central	Summer st.	Medford st.	Public.	40	2,539	....
Central	Medford st.	Broadway	Public.	45	1,079	....
Centre	Albion st.	B. & L. R. R. . . .	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Southerly	Public.	30	166	....
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Hancock st.	Public.	40	589	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	885	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Lake st.	Public.	40	964	....
Church St. pl.	Church st.	Northwesterly	Private.	25	....	170
Claremon	Holland st.	Mead st.	Public.	40	560	....

* Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	TO	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Clarendon ave.	Broadway . . .	Cambridge line . .	Public.	40	1,217	....
Clark	Newton st. . . .	Lincoln parkway . .	Private.	35	....	545
Cleveland	Central st. . . .	Elm pl.	Private.	40	....	270
Clifton	Appleton st. . . .	Morrison ave. . . .	Public.	40	200	....
Clifton	Morrison ave. . . .	Arlington Br. R. R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave. . . .	Davis sq.	Medford line	Public.	60	4,080	....
Columbia	Webster ave. . . .	Cambridge line . . .	Public	40	816	....
Columbia ct. . . .	Columbia st. . . .	Webster ave.	Private.	9	....	150
Columbus ave. . . .	Washington st. . . .	Walnut st.	Public.	40	1,425	....
Concord ave. . . .	Prospect st. . . .	Leon st.	Public.	40	1,483	....
Concord ave. . . .	Leon st.	Beacon st.	Private.	30	....	470
Congress pl. . . .	Linwood st. . . .	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st. . . .	Easterly	Private.	20	....	200
Conwell ave. . . .	Curtis st.	North st.	Private.	40	....	1,349
Conwell	Highland ave. . . .	Southwesterly	Public.	35	363	....
Cooney	Beacon st.	Line st.	Private.	30	....	220
Cottage ave. . . .	Russell st.	Chester st.	Public.	40	550	....
Cottage circle . . .	Cottage ave. . . .	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st. . . .	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave. . . .	Summer st.	Public.	50	1,280	....
Craigie ter.	16 Craigie st. . . .	Westerly	Private.	25	....	126
Crescent	Washington st	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave. . . .	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,680	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl. . . .	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,357	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter ave.	Summer st.	Highland ave.	Public.	40	480	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cutter	Broadway	Webster st.	Public.	40	730	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	696	....
Dane	Somerville ave. . . .	Washington st.	Public.	40	1,341	....
Dane ave.	Dane st.	Leland st.	Public.	30	569	....
Dartmouth	Medford st.	Broadway	Public.	40	1,465	....
Day	Elm st.	Cambridge line	Public.	40	908	....
Dearborn road . . .	Boston ave.	College ave.	Private.	50	....	460
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st.	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st. . . .	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Public.	40	957	....
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	975	....
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	....	125
Downer	Nashua st.	Southeasterly	Private.	20	....	120
Dresden circle . . .	Cutter ave.	Westerly	Private.	30	....	133
Durham	Beacon st.	Hanson st.	Public.	40	423	....
Dynamo	Willow ave.	Whipple st.	Private.	30	..	255
Earle	South st.	Fitchburg R. R. . . .	Private.	30	...	322
East Albion	Mt. Vernon ave. . . .	E. of Moreland st. . . .	Private.	25	...	188
East Albion	E. of Moreland st. . . .	Medford line	Private.	40	....	490
Eastman road	Highland ave.	Southwesterly	Public.	40	296	....
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380
Edmands	Broadway	Bonair st.	Public.	40	462	....
Edmonton ave. . . .	Cross st.	Winthrop ave.	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Eliot	Vine st.	Park st.	Public.	40	291	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	230	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Easterly & west'y	Private.	30	....	400
Elm	Somerville ave.	Cherry st.	Public.	63	1,672	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,429	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	....
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Cambridge line	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	845	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Public.	30	144	....
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st.(Ext'n)	Public.	40	905	....
Fellsway	Mystic ave.	Mystic river	Public.	70 to 130	2,500	....
Fellsway east (Winthrop ave.)	Broadway	Mystic ave.	Public.	50	1,222	....
Fellsway west (Chauncey ave.)	Broadway	Mystic ave.	Public.	50	1,324	....
Fenwick	Broadway	Jaques st.	Public.	40	601	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 and 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,790	....
Florence	Washington st.	Perkins st.	Public.	40	1,304	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	117	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Public.	30	578	....
Francesca ave.	College ave.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Private.	20	....	500
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,316	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,217
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Frost ave.	Somerville ave.	Dane st.	Private.	35	....	550
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st.(Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pk.	Walnut st.	Northwesterly	Private.	32.71	....	168
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Gilman ter. . . .	Pearl st. . . .	Northeasterly . .	Public.	40	360	....
Gilson ter. . . .	Linden ave. . . .	Northwesterly . .	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,373	....
Glendale ave. . .	Cameron ave. . .	Yorktown st. . . .	Public.	40	410	....
Glenwood road . .	Vernon st. . . .	Broadway	Public.	40	1,524	....
Glover circle . . .	Meacham road . .	Southeasterly . .	Private.	20	....	110
Gorham	Holland st. . . .	Howard st.	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly . .	Private.	16	....	156
Gove ct	Cedar st.	Southeasterly . .	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	542	....
Granite	Somerville ave.	Osgood st.	Private.	40	....	400
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st. . . .	Laurel st.	Public.	40	555	....
Greenville	Medford st. . . .	Munroe st.	Public.	40	660	....
Greenville ter. . .	Greenville st. . .	Northerly	Private.	20	....	250
Greenwood ter. . .	Beacon st.	Northeasterly . .	Private	25	....	165
Grove	Elm st.	Morrison ave. . . .	Public.	40	996	....
Hadley ct.	Franklin st. . . .	Westerly	Private.	20	....	150
Hall ave.	College ave. . . .	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave. . .	Southwesterly . .	Public.	30	451	....
Hammond	Dickinson st. . . .	Concord ave. . . .	Public.	40	267	....
Hancock	Elm st.	Highland ave. . . .	Public.	40	1,349	....
Hancock	Highland ave. . .	Lexington ave. . . .	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Skehan st.	Public.	30	469	....
Hanson	Skehan st.	Vine st.	Public.	35	347	....
Harcourt	Dimick st.	Harold st.	Private.	40	....	285
Harding	South st.	Cambridge line . .	Private.	30	....	115
Harold	Dimick st.	Northerly	Private.	40	....	429
Harris	Beacon st.	Cambridge line . .	Private.	35	....	150
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st. . . .	Southeasterly . .	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	717	....
Hathorn	Broadway	Arlington st.	Public.	40	339	....
Hawkins	Somerville ave. . .	Washington st. . . .	Public.	40	330	....
Hawthorne	Willow ave.	Cutter ave.	Public.	30	807	....
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Moreland st.	Private.	40	....	750
Henderson	Richardson st. . . .	B. & L. R. R. . . .	Private.	20	....	535
Hennessy ct. . . .	Medford st.	Fisk ave.	Private.	20	....	250
Henrietta ct. . . .	Somerville ave. . .	Northerly	Private.	8 and 20.	....	161
Henry ave.	Highland ave. . . .	Lexington ave. . . .	Public.	40	290	....
Herbert	Chester st.	Day st.	Public.	40	337	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave. . . .	Medford st.	Davis sq.	Public.	60	9,135	....
Highland road . . .	Morrison ave. . . .	Boston ave.	Private.	70	....	1,500
Hill	Broadway	Fairmount ave. . . .	Private.	40	....	236
Hillside ave. . . .	Pearl st.	Southwesterly . .	Private.	30	....	150
Hillside cir.	Craigie st.	Westerly	Private.	16	....	151
Hillside pk.	Walnut st.	Northwesterly . .	Public.	40	196	....
Hinckley	Broadway	Lawrence st.	Private.	30	....	430
Hodgdon pl.	Dane ave.	Northeasterly . .	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,696	....
Holt's ave.	Oak st.	Southeasterly . .	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Public.	40	637	....
Homer sq.	Bonner ave.	Northwesterly . .	Public.	30+	200	....
Horace	South st.	Fitchburg R. R. . .	Private.	30	....	510
Houghton	Springfield st. . . .	Cambridge line . . .	Public	40	653	....
Howard	Thorndike st.	Gorham street	Private.	40	....	430
Howe	Marshall st.	School st.	Public.	40	445	....

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Hudson	Central st. . . .	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line .	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st. . . .	Broadway	Public.	40	1,180	....
Ivaloo	Beacon st. . . .	Park st.	Public.	40	685	....
James	Pearl st.	Veazie st.	Public.	40	320	....
Jaques	Chauncey ave. .	Temple st.	Public.	40	1,182	....
Jaques	Temple st.	Bond st.	Public.	45	1,005	....
Jasper pl.	Jasper st.	Walnut st.	Private.	20	....	225
Jasper	Pearl st.	Gilman st.	Private.	40	....	300
Jay	Holland st. . . .	Howard st.	Public.	40	534	....
Jerome ct.	Sycamore st. . . .	Jerome st.	Private.	10	....	150
Jerome	Montrose st. . . .	Jerome ct.	Private.	20	....	125
Joseph	Newton st.	Lincoln parkway .	Public.	40	458	....
Josephine ave. .	Morrison ave. . .	Broadway	Public.	45	1,718	....
Joy	Washington st. .	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly . .	Private.	30	....	175
Kenneson road .	Broadway	Southwesterly . .	Private.	30	....	270
Kensington ave. .	Broadway	Blakeley ave. . . .	Public.	40	455	....
*Kensington ave.	Blakeley ave. . . .	Middlesex ave. . .	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave. .	Fitchburg R. R. . .	Public.	40	292	....
Kent	Fitchburg R. R. .	Beacon st.	Public.	25	386	....
Kenwood	College ave. . . .	Billingham st. . . .	Public.	40	322	....
Kidder ave. . . .	College ave. . . .	Liberty ave. . . .	Public.	40	625	....
Kidder ave. . . .	Liberty ave. . . .	Willow ave.	Private.	40	....	655
Kilby	Somerville ave. .	Southwesterly . .	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman road. . .	Washington st. .	Fitchburg R. R. . .	Private.	25	....	400
Kingston	Meacham road . .	Cambridge line . .	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Tufts st.	N'Ely line Est. 37	Public.	40	461	....
Knowlton	End of above	Oliver st.	Private.	40	....	464
Lake	Hawkins st. . . .	Church st.	Public.	40	840	....
Lamson ct.	Linwood st. . . .	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Latin Way	Talbot ave. . . .	Professors row . .	Private.	60	....	250
Laurel ave. . . .	Laurel st.	Northwesterly . .	Private.	18	....	125
Laurel	Somerville ave. .	Summer st.	Public.	40	983	....
Lawrence	Hinckley st. . . .	B. & L. R. R. . . .	Private.	35	....	650
Lawrence	Boston ave. . . .	Southwesterly . .	Private.	35	....	710
Lawson ter. . . .	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st. . . .	Richdale ave. . . .	Public.	40	385	....
Leland	Washington st. .	Dane ave.	Private.	40	....	365
Leon	Concord ave. . . .	Dickinson st. . . .	Public.	40	155	....
Leonard pl. . . .	Joy st.	Northeasterly . .	Private.	13+	....	98
Lesley ave. . . .	Highland ave. . .	Lexington ave. . .	Public.	40	333	....
Leslie pl.	Highland ave. . .	Northerly	Private.	12	....	75
Lester ter.	Meacham road . .	Northwesterly . .	Private.	20	....	190
Lexington ave. . .	Willow ave. . . .	Hancock st.	Public.	50	624	....
Lexington ave. . .	Hancock st. . . .	Cedar st.	Private.	45 and 40	....	721
Liberty ave. . . .	Hall ave.	Broadway	Public.	40	1,395	....
Liberty ave. . . .	Hall ave.	Appleton st.	Private.	40	....	100
Lincoln ave. . . .	Lincoln st.	Mt. Vernon st. . .	Public.	30	478	....
Lincoln parkway .	Washington st. .	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave. . . .	Northerly	Private.	9	....	120
Lincoln	Broadway	Perkins st.	Public.	40	550	....
Linden ave. . . .	Elm st.	Summer st.	Public.	45	1,083	....
Linden ave. . . .	Summer st.	Northeasterly . .	Private.	45	....	250
Linden circle . . .	Linden ave. . . .	Southeasterly . .	Private.	24	....	120
Linden pl.	Linden ave. . . .	Northwesterly . .	Private.	20	....	160
Linden	Somerville ave. .	Charlestown st. .	Private.	33	....	705

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets.—Continued.

STREET.	FROM	TO	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Line	Washington st.	Cambridge line	Public.	30	1,727	....
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,114	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Northeasterly	Private.	40	....	400
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Private.	40	....	1,205
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R.R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	966	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam ave.	Private.	30	..	255
Malvern ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfield	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave.	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Marion	Concord ave.	Wyatt st. N'w'ly	Public.	40	740	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	160
McCulpe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st.	Walnut st.	Private.	about 10	....	250
Meacham road	Dover st.	Cambridge line	Public.	40	1,660	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	807
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,047	....
Medford	Central st.	Broadway	Public.	55	1,985	....
Melledew ct.	Belmont st.	Easterly	Private.	15	....	137
Melrose	Mystic ave.	Fellsway	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,304	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Public.	40	223	....
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	..
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R. R.	Private.	12	..	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Meacham st.	Public.	40	691	....
Moreland	Meacham st.	Mystic ave.	Private.	40	....	822
Morgan	Beacon st.	Park st.	Public.	40	377	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,690	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....
Mossland	Somerville ave.	Elm st.	Public.	40	377	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Mt. Pleasant ct	Perkins st. . . .	Southwesterly . . .	Private.	40	....	260
Mt. Pleasant . . .	Broadway	Perkins st.	Public.	33	584	....
Mt. Vernon ave. . .	Main st.	Meacham st.	Public.	50	....	800
Mt. Vernon	Washington st. . .	Pearl st.	Private.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	473	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	590	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above . . .	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st. . .	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line . . .	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st. . .	Perkins st.	Public.	40	1,423	....
Mystic ave.	Charlestown line . .	Union st.	Public.	60	378	....
Mystic ave.	Union st.	Medford line	Public.	66	6,938	....
Mystic	Washington st. . .	Somerville ave. . . .	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Private.	40	....	380
Nashua	Richardson st. . . .	B. & L. R. R. . . .	Public.	35	637	....
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	Arlington Br. R.R. . .	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,260	....
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	637	....
Norfolk	Webster ave.	Cambridge line	Public.	40	283	....
North	Broadway	Medford line b. 17 . .	Public.	40	1,961	....
North	Medford line b. 17 .	Medford line b. 18 . .	Public.	37 to 42	649	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	665	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	±	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Southeasterly	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,085	....
Orchard	Cambridge line . . .	Meacham road	Public.	40	1,567	....
Osgood	Granite st.	Easterly & west'ly . .	Private.	40	....	450
Ossipee road	Packard ave.	Curtis st.	Public.	40	682	....
Otis	Cross st.	Wigglesworth st. . . .	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	....
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Professors row	Public.	60	1,758	....
Packard ave.	Professors row	Medford line	Private.	60	....	242
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	467	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave. . . .	Beacon st.	Public.	50	1,238	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st. . . .	Fremont ave.	Private.	35	....	200
Partridge ave. . . .	Vernon st.	Broadway	Public.	40	1,467	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt Vernon st.	Public.	37	341	....
Pearl	Mt. Vernon st. . . .	Franklin st.	Public.	50	957	....
Pearl	Franklin st.	Cross st.	Public.	40	1,060	....
Pearl	Cross st.	Medford st.	Public.	50	2,447	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Pearson ave. . . .	Morrison ave. . .	Boston ave. . . .	Private.	45	....	1,300
Pearson road . . .	Broadway	Dearborn road . .	Private.	40	....	1,654
Pembroke ct. . . .	Pembroke st. . . .	Southwesterly . .	Private.	25	....	130
Pembroke	Central st.	Sycamore st. . . .	Public.	40	....	430
Perkins pl.	Perkins st.	Northeasterly . .	Private.	20	....	200
Perkins	Franklin st. . . .	Charlestown line .	Public.	40	1,336	....
Perry	Washington st. . .	Lincoln parkway .	Public.	40	606	....
Peterson ter. . . .	Porter st.	Northwesterly . .	Private.	13+	....	155
Pinckney pl.	Pinckney st. . . .	Southeasterly . .	Private.	24	....	125
Pinckney	Washington st. . .	Perkins st.	Public.	40	1,186	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st. . . .	Private.	26	....	390
Pleasant ave. . . .	Walnut st.	Vinal ave.	Public.	40	543	...
Poplar ct.	Poplar st.	Southeasterly . .	Private.	10	....	80
Poplar	Somerville ave. .	Linwood st. . . .	Public.	30	351	....
Poplar	Linwood st. . . .	Joy st.	Public.	35	315	...
Poplar	Joy st.	B. & L. R. R. . .	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly . .	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly . .	Private.	20	....	195
Porter	Elm st.	Mountain ave. . .	Public.	45	1,622	....
Porter	Mountain ave. . .	Highland ave. . .	Public.	40	415	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line . .	Public.	80	7,200	....
Powder house ter.	Kidder ave. . . .	Liberty ave. . . .	Public.	40	585	....
Prescott	Summer st.	Highland ave. . .	Public.	50	1,110	....
Preston road . . .	School st.	Summer st.	Public.	40	839	....
Princeton	Alpine st.	Lowell st.	Public.	40	648	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Pritchard ave. . .	Morrison ave. . .	Frederick ave. . .	Public.	40	634	....
Pritchard ave. . .	Frederick ave. . .	Boston ave. . . .	Private.	40	....	511
Professors row . .	College ave. . . .	Curtis st.	Public.	40	2,000	....
Prospect	Washington st. . .	Cambridge line . .	Public.	50	2,071	....
Prospect Hill av.	Medford st. . . .	Munroe st.	Public.	40	597	....
Prospect Hill p'k'y	Munroe st.	Stone ave.	Public.	40	400	....
Prospect pl. . . .	Prospect st. . . .	Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave. . .	Public.	50	1,262	....
Quincy	Somerville ave. .	Summer st.	Public.	40	781	....
Randolph pl. . . .	Cross st.	Westerly	Private.	15	....	244
Raymond ave. . . .	Curtis st.	North st.	Public.	40	1,345	....
Record's pl.	Broadway	Southwesterly . .	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly . .	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly . .	Private.	10	....	100
Richardson	Lowell st.	Lawrence st. . . .	Public.	35	467	....
Richardson ter. . .	Richardson st. . .	Northeasterly . .	Private.	20	....	135
Richdale ave. . . .	School st.	Sycamore st. . . .	Public.	40	875	....
Richmond hi'h'ds	Madison st. . . .	Southerly	Private.	30	....	150
Roberts	Lawrence st. . . .	Northwesterly . .	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave. . .	Boston ave.	Public.	45	1,682	....
Roland st.	Waverly st. . . .	Boston line	Private.	40	....	100
Roseland	Beacon st.	Cambridge line . .	Public.	40	121	....
Rossmore	Somerville ave. .	Washington st. . .	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly . .	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line . .	Public.	40	700	....
Sacramento	Somerville ave. .	Fitchburg R. R. . .	Public.	40	80	....
Sacramento	Fitchburg R. R. .	Beacon st.	Public.	40	290	....
Sacramento	Beacon st.	Cambridge line . .	Private.	40	....	156
Sanborn ave. . . .	Warren ave. . . .	Walnut st.	Public.	40	280	....
Sanborn ct.	Washington st. . .	Northwesterly . .	Private.	30	....	176
Sargent ave. . . .	Broadway	Walnut st.	Public.	40	1,075	....
Sartwell ave. . . .	Cedar st.	Cherry st.	Private.	35	....	400

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	To	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Sawyer ave. . . .	Packard ave. . . .	Curtis st. . . .	Private.	40	....	690
School	Somerville ave.	Highland ave. . .	Public.	40	1,901	....
School	Highland ave. . .	Broadway	Public.	50	2,500	....
Sellon pl. . . .	Marshall st. . . .	Northwesterly . .	Private.	12	....	120
Seven Pines ave .	Cameron ave. . .	Cambridge line . .	Public.	40	92	....
Sewall ct. . . .	Sewall st. . . .	Southwesterly . .	Private.	25	..	190
Sewall	Grant st. . . .	Temple st. . . .	Public.	40	615	....
Shawmut pl. . . .	Shawmut st. . . .	Alston st. . . .	Private.	30	....	200
Shawmut	Washington st. .	Cross st. . . .	Public.	40	575	....
Shedd	Somerville ave.	Merriam ave. . . .	Private.	40	....	310
Sherman ct. . . .	Sargent ave. . . .	Marshall st. . . .	Private.	10	....	250
Sherman	Somerville ave.	Frost ave. . . .	Private.	35	....	270
Sibley ct. . . .	Cutter st. . . .	Northwesterly . .	Private.	10	..	100
Sibley pl. . . .	Cutter st. . . .	Northwesterly . .	Private.	10	..	100
Simpson ave. . . .	Broadway	Holland st. . . .	Private.	40	....	825
Skehan	Dane st. . . .	Hanson st. . . .	Public.	30	306	....
Skehan	Hanson	Durham	Private.	30	....	414
Skilton ave. . . .	Pearl st. . . .	Pearl st. . . .	Private.	40	....	540
Smith ave. . . .	Beacon st. . . .	Line st. . . .	Private.	25+	..	200
Snow pl. . . .	Belmont st. . . .	Easterly	Private.	30	....	75
Snow pl. . . .	Snow pl. . . .	N'th'ly and S'th'ly	Private.	20	....	222
Snow ter. . . .	Jaques st. . . .	Southwesterly . .	Private.	16	....	120
Somerville ave. .	E. Camb. line . .	Union sq. . . .	Public.	75	4,325	....
Somerville ave. .	Union sq. . . .	N. Camb. line . .	Public.	70	6,793	....
South	Medford st. . . .	Water st. . . .	Public.	30	989	....
Spencer ave. . . .	Cedar st. . . .	Hancock st. . . .	Public.	40	727	....
Spring ct. . . .	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st. . . .	Public.	40	1,220	....
Springfield . . .	Concord ave. . .	Cambridge line . .	Public.	40	788	....
Spring Hill ter. .	Highland ave. . .	Belmont st. . . .	Private.	20	....	670
Stanford ter. . .	Beacon st. . . .	Northeasterly . .	Private.	20	....	200
Stickney ave. . .	Marshall st. . . .	School st. . . .	Public.	40	458	....
St. James ave. . .	Elm st. . . .	Summer st. . . .	Public.	40	488	....
St. James ave. ext.	Summer st. . . .	Northeasterly . .	Private	30	....	125
Stone ave. . . .	Union sq. . . .	Columbus ave. . .	Public.	40	676	....
Stone ave. . . .	Columbus ave. . .	Prospect Hill p'k'y	Public.	38	107	....
Stone pl. . . .	Stone ave. . . .	Southeasterly . .	Private.	30	....	145
Summer	Bow st. . . .	Elm st. . . .	Public.	45	7,900	....
Summit ave. . . .	Walnut st. . . .	Vinal ave. . . .	Public.	45	532	....
Summit	College ave. . . .	Billingham st. . .	Public.	40	262	....
Summer	Lawrence st. . .	Northwesterly . .	Private.	20	....	175
Sunnyside ave. .	Walnut st. . . .	Wigglesworth st. .	Private.	35	....	250
Sycamore	Broadway	Medford st. . . .	Public.	45	1,275	..
Sycamore	Medford st. . . .	B. & L. R. R. . .	Public.	40	667	....
Sycamore	B. & L. R. R. . .	Highland ave. . .	Public.	35	722	....
Sydney	Grant st. . . .	Temple st. . . .	Public.	40	679	....
Talbot ave. . . .	Packard ave. . .	College ave. . . .	Private.	50	....	1,409
*Tannery (Ext'n)	Cambridge line .	Woodstock st.(Ext'n)	Private.	40	....	160
Taunton. . . .	Wyatt st. . . .	Easterly to angle .	Private.	30	....	170
Taunton	Angle	Marion st. . . .	Private.	20	....	95
Taylor pl. . . .	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave. . . .	Sydney st. . . .	Private.	40	....	310
Teele ave. . . .	Packard ave. . .	Curtis st. . . .	Private.	40	....	685
Temple	Broadway	Mystic ave. . . .	Public.	66	1,637	....
Tennyson ct. . . .	Mystic ave. . . .	Northeasterly . .	Private.	30	....	400
Tennyson	Forster st. . . .	Pembroke st. . . .	Public.	40	922	....
Thorndike	Holland st. . . .	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R. R.	Kingston st. . . .	Public.	40	115	....
Thorpe pl. . . .	Highland ave. . .	Southwesterly . .	Public.	30	468	....
Thurston	Broadway	Richdale ave. . .	Public.	40	1,660	....
Tower ct. . . .	Tyler st. . . .	Northeasterly . .	Private.	25	....	150
Tower	Crown st. . . .	Highland ave. . .	Public.	40	559	....
Tremont pl. . . .	Tremont st. . . .	Southeasterly . .	Private.	about 10	....	75

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

STREET.	FROM	TO	Public or Private.	Width in Feet.	LENGTH.	
					Public.	Private.
Tremont	Webster ave. . .	Cambridge line . .	Public.	40	589	....
Trull	Vernon st. . . .	Medford st. . . .	Public.	40	1,050	....
Trull lane	Highland ave. . .	Oxford st.	Private.	15	....	200
Tufts parkway . .	College ave. . . .	College ave. . . .	Public.	22	900	....
Tufts	Washington st. . .	Cross st.	Public.	40	982	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st. . . .	Ware st.	Powder h'se blvd.	Private.	20-40	....	283
Unnamed st. (Highway and Water Dept. grounds)	Broadway	Cedar st.	Private.	45	....	980
Union	Broadway	Mystic ave. . . .	Public.	40	345	....
Union pl.	Linwood st. . . .	Southwesterly . . .	Private.	10	....	100
Upland Park . . .	Main st.	Southwesterly . . .	Private.	20	....	175
Veazie	Walnut st. . . .	Bradley st.	Public.	35	392	....
Veazie	Bradley st. . . .	Marshall st. . . .	Public.	40	261	....
Vernon	Central st. . . .	Glenwood road . . .	Public.	40	764	....
Vernon	Glenwood road . .	Partridge ave. . . .	Public.	40 to 30	190	....
Vernon	Partridge ave. . .	Lowell st.	Public.	30	434	....
Victoria	Broadway	Cambridge line . . .	Private.	40	....	1,036
Villa ave.	Winslow ave. . . .	Arlington Br. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st. . . .	Highland ave. . . .	Public.	45	1,425	....
Vinal	Richardson st. . .	Northeasterly . . .	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly . . .	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st. . . .	Beacon st.	Private.	25	....	650
Virginia	Aldrich st. . . .	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave. . .	Hudson st.	Public.	40	287	....
Wallace	Holland st. . . .	Broadway	Public.	40	1,342	....
Walnut	Bow st.	Broadway	Public.	40	3,948	....
Walter pl.	Walter st.	Southwesterly . . .	Private.	40	....	222
Walter	Walnut st. . . .	{ about 100 ft. N. } { of Bradley st. }	Public.	40	548	....
Ward	Medford st. . . .	Earle st.	Private.	30	....	610
Ware	Curtis st.	Powder h'se blvd.	Private.	40	....	700
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave. . . .	Union sq.	Columbus ave. . . .	Public.	40	663	....
Warren	Medford st. . . .	Cambridge line . . .	Public.	30 to 40	109	....
Warwick place . .	Warwick st. . . .	Northeasterly . . .	Private.	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	665	....
Washington ave. .	Washington st. . .	Northerly	Private.	18	....	350
Washington	Charles'n line . .	Franklin ave. . . .	Public.	75	1,060	....
Washington	Franklin ave. . . .	Fitchburg R. R. . . .	Public.	60 to 100	3,977	....
Washington	Fitchburg R. R. .	Cambridge line . . .	Public.	60	2,344	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line . . .	Private.	40	....	986
Watson	Broadway	Fairmount ave. . . .	Private.	40	....	236
Waverly	Washington st. . .	Roland st.	Private.	35	....	200
Webster ave. . . .	Union sq.	Cambridge line . . .	Public.	49.5	1,955	....
Webster	Franklin st. . . .	Cross st.	Public.	40	1,034	....
Wellington ave. .	Walnut st. . . .	Montgomery ave. . .	Public.	40	215	....
Wellington ave. .	Montgomery ave. .	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly . . .	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st. . .	Arlington Br. R. R.	Private.	30	....	460
Westminster . . .	Broadway	Electric ave. . . .	Public.	40	376	....
Weston ave. . . .	Clarendon ave. . .	Broadway	Private.	40	....	525
Westwood road . .	Central st. . . .	Benton road	Public.	40	489	....

Table Showing the Location, Length and Width of Public and Private Streets.— Concluded.

STREET.	FROM.	To	Public or Private	Width in Feet.	LENGTH.	
					Public.	Private.
Wheatland . . .	Broadway . . .	Mystic ave. . . .	Public.	40	1,364	....
Wheeler . . .	Pinckney st. . .	Mt. Vernon st. . .	Public.	40	269	....
Whipple . . .	Highland ave. .	Arlington Br. R. R.	Private.	30	....	318
†White . . .	Elm st. . . .	Cambridge line . .	Public.		307	....
White St. pl. . .	White st. . . .	Southeasterly . . .	Private.	20	....	200
Whitfield road. .	Packard ave. . .	Curtis st. . . .	Private.	40	....	684
Wigglesworth. . .	Bonair st. . . .	Pearl st. . . .	Public.	40	744	....
William . . .	Chandler st. . .	College ave. . . .	Public.	40	381	....
William . . .	Broadway . . .	Medford line . . .	Private.	50	....	45
Williams ct. . .	Porter st. . . .	Northwesterly . . .	Private.	30	....	150
Willoughby . . .	Central st. . . .	Sycamore st. . . .	Public.	40	427	....
Willow ave. . .	Elm st. . . .	Broadway	Public.	50	3,534	....
Willow pl. . .	Cambridge line .	South st. . . .	Private.	25	....	150
Wilson ave. . .	Broadway . . .	B. & L. R. R. . . .	Private.	20	....	310
Wilton . . .	Lowell st. . . .	Lawrence st. . . .	Public.	35	470	....
Winchester . . .	Broadway . . .	Medford line . . .	Private.	40	....	65
Windom . . .	Elm st. . . .	Summer st. . . .	Public.	40	300	....
Windsor road. . .	Willow ave. . . .	Hancock st. . . .	Public.	40	575	....
Winslow ave. . .	College ave. . .	Clifton st. . . .	Public.	40	1,123	....
Winter . . .	College ave. . .	Holland st. . . .	Public.	30	402	....
Winter Hill cir. .	Broadway . . .	Northeasterly . . .	Private.	25	....	177
Winthrop ave. . .	(Extension.) . . .	Mystic ave. . . .	Private.	40	....	583
Woodbine . . .	Centre st. . . .	Lowell st. . . .	Private.	30	....	600
*Woods ave. . .	North st. . . .	Alewife brook . . .	Private.	40	....	1,350
Woodstock . . .	Victoria st. . . .	Alewife brook . . .	Private.	40	....	415
*Woodstock (Extension.) . . .	Victoria st. . . .	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle . . .	Wyatt st. . . .	Wyatt st. . . .	Private.	20	....	315
Wyatt . . .	Concord ave. . .	Lincoln parkway . .	Public.	40	496	....
Yorktown . . .	Cambridge line .	{ N. E. line Mal- }	Public.	40	294	....
Yorktown . . .	{ N. E. line }	vern ave. }	Private.	40	....	100
	{ Malvern ave. }	Northerly . . .				

*Proposed.

†Sidewalk in Somerville.

Court	26 Craigie st. . .	Westerly	Private.	25	....	126
Court	36 Craigie st. . .	Westerly	Private.	25	....	126
Court	292 Broadway . . .	Southwesterly . . .	Private.	15	....	96
Court	58 Dane st. . . .	Easterly	Private.	10	....	70
Court	66 Lowell st. . . .	Westerly	Private.	25	....	101
Court	78 Lowell st. . . .	Westerly	Private.	25	....	161
Court	Olive ave. . . .	Porter st. . . .	Private.	7.5	....	156
Court	10 Stone ave. . . .	Northwesterly . . .	Private.	20	....	113
Court	21 Albion st. . . .	Northeasterly . . .	Private.	10	....	100
Court	227 Columbia st. .	Northwesterly . . .	Private.	10	....	117
Court	11 Albion st. . . .	Northeasterly . . .	Private.	9	....	170
Court	20 Dimick st. . . .	Southwesterly . . .	Private.	39.25	....	136
Court	612 Broadway . . .	Southwesterly . . .	Private.	20	....	188
Total					370,779	124,063

Public, 70.223 miles (includes 2.843 miles boulevards); private, 23.497 miles.

Total length of streets in the city, 93.720 miles.



WILLOW AVENUE.
Granolithic Laid by Highways Department.

REPORT OF THE STREET COMMISSIONER.

OFFICE OF THE STREET COMMISSIONER, }
CITY HALL, January 1, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I most respectfully submit the thirtieth annual report, containing a brief summary of the principal work performed by the highway department during the year 1905, with recommendations for necessary improvements and additions for the coming year.

The highway department has made great progress toward the improvement of the main streets the past year.

Pearl and Medford Streets.

Pearl street, from Cross street to Medford street, including Gilman square, and Medford street, from Gilman square to School street, have been put in a first-class condition with bitulithic paving at a cost of \$18,558.54.

Edgestones were reset where needed, and flagging crossings laid at street intersections.

The street railway company raised and repaired its tracks, and all the mains and connections of the telephone, water, gas, and sewer pipes were repaired before the bitulithic paving was laid.

The firm of Warren Brothers Corporation received the contract to lay the bitulithic for \$2.25 per square yard with a five-year guarantee. I recommend that this kind of paving be extended on Medford street to Magoun square.

Highland Avenue.

The department, with its own labor and the co-operation of the Boston Elevated Railway Company, paved the portion of Highland avenue extending from Davis square easterly about 100 feet, with paving brick, the joints being grouted with Portland cement on a concrete base, at a cost of \$1,261.52. This paving should be extended on Highland avenue to Grove street.

Holland and Washington Streets.

Holland street, the entire length, and Washington street from Union square to the Cambridge line have been macadamized, trap rock being used for the two top layers on Washington street, at a total cost for both streets of \$9,364.11.

Granite Paving.

Somerville avenue, in front of Squire's box factory, and Warren street, which is used a great deal for heavy teaming, were paved with granite paving blocks at a cost of \$1,396.72.

The city should continue to pave portions of the main streets with some kind of permanent paving each year. By so doing, not only may the main streets be put in first-class condition, but all the side streets in the vicinity may be repaired with the old material excavated for the new paving.

Clarendon Avenue.

An order was passed by the board of aldermen January 25, 1903, for the laying out and acceptance of Clarendon avenue, from Broadway to the Cambridge line.

Work was begun at once and was completed May 1, 1905, at a cost of \$17,260.98. Although the cost was great, the highway department received a large amount of stone, which was crushed and used on the streets. The laying out of this street has placed on the market a large tract of improved land for building purposes from which the city will receive an increase in taxes. It also furnished work for unemployed citizens in the winter time, when most of the work was done.

City Ledge.

The city ledge between Broadway and Holland street would have been nearly exhausted at the end of this year had not the city constructed Clarendon avenue, thereby receiving enough stone for street work without drawing very heavily on the city ledge. I agree with Mayor Chandler when he says in his inaugural address of 1905 that with the complete removal of the city ledge, opportunity would be given for a great improvement. A sixty-foot street could be laid out through this property to connect with Cameron and Packard avenues, thus affording a fine thoroughfare between North Cambridge and Tufts College. I would recommend, as last year, the early consideration of the advisability of purchasing a stone ledge of suitable material, if found in a favorable location. I think great improvement at a less cost can be made in the construction and maintenance of our streets if such a purchase is made.

Stone Crusher.

The crushing plant has worked 287 days the past year, but was unable to supply the demand for stone. The plant was thoroughly overhauled, and the installment of a new screen has added greatly to the improvement of the plant, and it is my intention to add to the bin capacity, thereby saving handling the crushed stone. Fourteen thousand six hundred fifty tons were crushed, and 1,693 tons purchased during the year.



CLARENDON AVENUE.—Before Construction.



CLARENDON AVENUE.—After Construction.

Street Cleaning.

All the streets, both accepted and private, were cleaned during the year, and all the paved streets swept as often as the highway appropriation would allow. \$12,018.06 was spent in this branch of the work.

Patrolmen with push carts have been constantly kept at the squares and on the main streets, and I hope the appropriation will allow this force to be increased the coming year, and also be sufficient for the purchase of a gutter sweeper. The placing of one or more waste barrels at all the schoolhouses for the pupils, and on the main streets for the public, would not only save the city expense, but would improve the looks of the streets in the vicinity, and it is my intention to carry out this idea. The teaming in this branch of the work the coming year will be increased, as the dumping places are few and far between.

Bridges.

The bridges are in good condition. By the decision of the county commissioners two bridges are to be built over the tracks at Lowell street. One will be paid for by the Boston & Maine Railroad Corporation, while the decision as to the payment for the other is yet to be determined by the court. The construction of the bridges will develop the unimproved land in the vicinity of Albion and adjacent streets, and will be a great benefit to the general public. Plans are being drawn by the city engineer for the abolishing of grade crossings on the Fitchburg division of the Boston & Maine railroad.

Shade Trees.

There is nothing which helps to improve the looks of a city more than shade trees. Trees have been set out on Highland avenue and Holland street the entire length at the expense of the city, and in cases where individuals paid for the trees, the department set them out, protecting them with a wire guard and pole, and watering them during the dry season. I recommend that the city purchase and set out shade trees on Summer street. The department has set out 675 trees, while forty-six dead and dangerous trees were removed during the year.

Subways.

The subways at Kent, Sacramento, and Thorndike streets are in good condition. Men are assigned to care for the same, and extra help is provided in case of a storm. If subways were built at West street and Hancock street, on the Arlington Branch of the Boston & Maine Railroad, it would be a great convenience and safety to the public until such time as grade crossings are abolished.

The Brown-tail and Gypsy Moth.

The original home of the brown-tail moth was in Europe, where the insect is found all over the entire continent except in the northern portions. It first came here in the year 1890 and the first serious outbreak occurred in 1897. All of the streets are now generally infested throughout the entire city.

The Gypsy Moth.

This moth first made its appearance in Medford in the year 1868, escaping from an eminent astronomer and naturalist who was experimenting with the rearing of silk worms. The district in Somerville mostly infested is in the vicinity of College avenue, and all streets north and west, and while there are a few other colonies, yet the city is not generally infested. The streets west of College avenue, however, will have to be bur-laped and a good many sprayed, during the coming spring.

The destruction of the moths is now required by law, as set forth in chapter 381, of the acts of the legislature of 1905, which reads to the effect that these pests are nuisances, and calls for a state appropriation of \$300,000 and a state superintendent to see that the cities and towns carry out the provisions of this act. Until the appointment of an inspector of trees, late in the year, to have charge of this work in accordance with the requirements of this act, the work has been continued by this department. Hereafter when the city spends \$5,000 in any one year, the said city is reimbursed 50 per cent. of all they spend over this amount during the year. The total amount expended to date is \$18,488.06.

Street Watering.

Under the law providing for the assessment for street watering only accepted streets can be watered. When residents wish private streets watered they must pay the cost of such watering in advance. The street watering is let out by contract at \$85 per month per cart, the contractor to furnish a competent driver with a good pair of horses, and to see that his route, which comprises about two miles, is properly watered at all times, including Sundays and holidays. There are thirty-two watering carts, all painted and repaired by the department. So many new streets are being added to the street watering list that I would recommend the purchase of a new cart the coming season. \$21,622.92 was spent the last year in this branch of the highway department.

Granolithic Sidewalks.

The department for the first time with its own labor laid a granolithic sidewalk on Willow avenue at a cost of \$1.36 a

square yard, whereas the contractor's price for six months was \$1.44 a square yard. I recommend that the department do this kind of work with its own labor in the future.

Steam Rollers.

The city has three Buffalo Pitts steam rollers, one fifteen-ton, which has worked during the year 200 days, one twelve-ton, worked 201 days, and one five-ton asphalt roller, which has been used in cases of emergency. A new set of wheels has been purchased during the past year for the twelve-ton roller. All three are now in fair condition.

There is such a pressing demand to have streets re-surfaced and macadamized, and so much good material for re-surfacing streets with a steep grade coming from trenches made for the water, gas, and underground wire, pipe, and conduits, and excavations for new paving, that I would recommend the purchase of another fifteen-ton roller.

Snow and Ice.

This department was very fortunate in not having to care for a large amount of snow, as no appropriation is made for the same, and the difference between \$7,884.26 spent this year against \$13,171.62 spent last year was used to good advantage on the maintenance of our streets. Two thousand three hundred twelve loads of snow and ice were removed from the streets during the year. It is also the duty of this department to care for the removal of snow from all sidewalks in front of public buildings and public grounds, and to guard against their being in a slippery condition. Ordinance No. 46, approved February 12, 1904, sections 1 and 2 of which are quoted below, quite clearly regulates the removal of snow and ice on sidewalks.

Section 1. No owner or tenant of land abutting upon a sidewalk within the limits of any highway or townway in this city shall suffer to remain on such sidewalk for more than six hours between sunrise and sunset, on any day, any snow nor any ice, unless such ice is made even and covered with sand or other suitable material to prevent slipping. Such owner and tenant shall remove all snow and ice from such sidewalk within the time and in the manner herein specified.

Section 2. Whoever violates any of the provisions of section 1 of this ordinance shall forfeit to the city the sum of \$25 for each offense.

Boxes filled with fine sand for slippery going on the smooth paved streets, squares, and at subways have been placed within easy access for the push-cart men.

Wires Underground.

Permits for opening the streets were issued to the New England Telephone and Telegraph Company for burying wires on Benton road from Highland avenue to Hudson street, and

on Broadway, south side, from Mt. Vernon street to Boston avenue, and to the Edison Electric Illuminating Company of Boston for the north side of Broadway from the Charlestown line to Fellsway east. Under an act passed by the legislature these companies will continue to bury their wires for the next four years, spending \$20,000 each year. Burying the wires not only does away with the unsightly poles, but also saves the shade trees.

The total number of feet of conduits in the city is 66,100.

Accepted Streets.

Nine streets have been accepted during the year, a total length of about 4,758 feet. Twelve streets were constructed and one partially constructed at a cost of \$22,730.45, from which amount should be deducted the sum of \$1,400, which was appropriated to purchase land on Veazie street. The total length constructed was 8,782 feet. In all streets that were constructed during the past two years, edgestones were set and gutters paved with granite blocks before the construction work was begun. This is a good custom to follow in the future.

Perambulation of Boundary Lines.

A committee was appointed to represent Somerville, consisting of the chairman of the highway committee, the city engineer, and the street commissioner, to meet a committee from Arlington on Friday, December 15, 1905, for the purpose of perambulating the boundary line between Somerville and Arlington. The same committee represented Somerville on January 1, 1906, in the perambulation of the Somerville-Cambridge line, a similar committee representing Cambridge being present. This committee has attended to its duties and made its reports.

Sidewalks Maintenance.

Some of the sidewalks that have been laid in the oldest parts of the city, and where sewer, water, and gas trenches have been made, need attention. I hope the appropriation for sidewalks maintenance will be increased so that the department can make needed repairs on some of the old sidewalks that were laid years ago.

I think it is money in the city treasury to make a good appropriation for this kind of work rather than pay damages to pedestrians who get hurt on these sidewalks and sue the city.

If the names of certain streets in different parts of the city, which are known by the same name, were changed it would be a great convenience to the public.

Miscellaneous.

No department, company, or corporation should be allowed to open any street or sidewalk after the frost sets in unless in a case of emergency.

The department maintains its own painter, carpenter, blacksmith, horseshoer, and harness repairer, all employed at the city stable.

The department has installed in the blacksmith shop an electric calk sharpener, whereby horses' shoes can be sharpened without taking them off, in from five to fifteen minutes, thus saving time, expense, and the horses' hoofs. This machine is used in the summer time for sharpening axes, maddoxes, grub hoes, and in fact all edge tools.

A much-needed improvement was added to the stable in the building of a drying room.

This department has been called upon to furnish steam rollers, teams, crushed stone, sand, gravel, and ashes to the other departments, being reimbursed for the same.

Twenty-eight streets were macadamized and re-surfaced at a cost of \$16,316.44, a total length of 21,970 feet. \$10,230.54 was spent for general repairs. There are 70.223 miles of public streets, and 23.497 miles of private streets, making a total length of 93.720 miles in the city.

220 permits were issued to the Cambridge Gas Light Company, and ninety-eight to the Charlestown Gas and Electric Company for the opening of streets for gas connections and repairs.

180 permits were issued to occupy and forty to open the streets; six to blast rock, and forty to cross sidewalks to contractors and corporations; thirteen to erect canopies; twelve to feed horses; and five to run steam rollers through the streets. Eighty-three permits were given to licensed drain layers to open streets for sewer connections.

638 defects in the streets and sidewalks which were reported by the chief of police were promptly repaired, thereby in all probability saving the city from lawsuits.

Seventy-eight signs and guide posts were painted and erected by the department during the year.

521.7 square yards of crossings and 218.1 square yards of driveways were paved with granite blocks, flagging, and brick. 123.3 square yards of vitrified brick and granite crossings and 5,994.9 square yards of block stone gutters were laid, costing \$10,173.17.

2,747 yards of sand and gravel were used in this branch of the work. 8,525 loads of dirt and 3,477 loads of scrapings were removed from the streets. 4,838 loads of old macadam and 1,193 loads of ballast were used in the repair and construction

of streets. 2,298 loads of ashes were used in the repairs and construction of sidewalks and in setting and resetting of edgestones.

1,386 square yards of granolithic and 5,148.7 square yards of brick sidewalks have been laid, and 17,788.6 feet, or nearly 3.369 miles, of edgestone and inside curbing have been set at a cost of \$21,274.63. 4,206.8 feet of edgestone were reset, and 1,453.8 square yards of brick sidewalks relaid at a cost of \$2,993.05. This amount includes patching sidewalks and attending to police reports of defects.

Recommendations.

I would most respectfully recommend that permanent paving be laid on Cross street from the asphalt paving at Tufts street to Medford street, and on Highland avenue from Medford street to School street, especially in front of the public buildings on Central hill; that Somerville avenue from Kent street to Oak square, and Washington street from opposite Tufts street to the Charlestown line be paved with granite paving blocks, and the brick paving extended on Elm street from Davis square to Chester street; that Summer street from Belmont street to Cutter square be macadamized, and School street from Medford street to Broadway could be put in first-class condition with the old material excavated if the bitulithic paving was extended on Medford street; that edgestones be set and gutters paved with blocks on the south side of Elm street from White street to Cutter square; Beacon street, south side from Washington street to Park street, College avenue from Broadway to the Medford line, and Medford street from the Boston & Maine railroad bridge to Highland avenue, where not already set.

As there is an unexpended appropriation for the paving of the lower end of Broadway, it is to be hoped that the city government will come to some decision upon this matter this year, as this street is sadly in need of repair. I hope to see in the near future Medford street, from Highland avenue to Somerville avenue, paved with some kind of permanent paving, and Mystic avenue thoroughly repaired.

I wish to extend my sincere thanks to his honor, the mayor, the board of aldermen, heads of departments, and all city officials with whom I am associated, and the general public, for their able support and hearty co-operation; and I would express my appreciation of the conscientious work and efficient service of the foremen, inspectors, teamsters, laborers, and all others employed in the department.

Highways Maintenance Account.

CREDIT.

Appropriation		\$4,000 00
Receipts and credits:—		
Commonwealth of Massachusetts, street railway tax	\$50,165 40	
Boston Elevated Railway tax	8,107 66	
Warren Brothers, use of steam road roller, Materials furnished prior to January 1, 1905, the bills for which remained uncollected that day	52 25	
Value of materials on hand January 1, 1905	60 85	
Value of tools and property on hand January 1, 1905	1,889 80	
	21,723 73	
		<u>81,999 69</u>
		\$85,999 69
Less amount transferred to Health Department Account, collection of ashes and offal		4,000 00
		<u>\$81,999 69</u>
Profit and loss on tools, property, and materials		4,420 45
		<u>\$86,420 14</u>

DEBIT.

Expenditures.—		
For repairs of sundry streets as per table B, at end of this report		\$16,316 44
General repairs of streets		10,230 54
Repairs of stone paving		4 50
Repairs and maintenance of gravel sidewalks		1,764 91
Repairs of street crossings		632 37
Cleaning streets		12,018 06
Removing snow and ice and care of slippery sidewalks		7,884 26
Repairs of gutters		775 40
Care of subway		187 00
Removing trees		186 60
Trimming trees		121 70
Setting trees		97 75
Setting steps at Broadway terrace		50 00
Setting circle, Veazie street, at Marshall street		8 50
Holland-street sidewalk assessment		281 27
Setting edgestones, northerly side Broadway, from Main street to opposite Norwood avenue		1,363 09
Serving notices of hearings and copies of hearings before county commissioners on proposed construction of Lowell-street bridge		247 60
Removing turnout, Broadway, near Franklin street	\$266 27	
Less amount paid by Boston Elevated R. R. Co.	200 00	
		<u>66 27</u>
Building shed for tools		212 01
Blacksmithing		465 25
Carpentering		150 50
Painting		82 00
Street Commissioner's salary		1,800 00
Amount carried forward		<u>\$54,946 02</u>

Amount brought forward		\$54,946 02
Street Commissioner's team, board of one horse		251 60
Street Commissioner's telephone		22 87
Street signs and erecting same		367 82
Wakefield Gravel Land, taxes for 1903 and 1904		103 01
Health Department (bill unpaid December 31, 1905)		48 00
Sundry expenses		942 63
Books, stationery, printing, and postage		91 34
Abatement of accounts for collection		6 00
Value of materials on hand this day		613 83
Value of tools and personal property on hand this day:—		
Horses	\$5,940 00	
Carts and implements used with horses	5,824 50	
Harnesses and horse clothing	830 90	
Stable utensils and property	525 60	
Tools	1,865 96	
Steam road rollers	7,500 00	
Stone crusher and fittings	1,761 00	
Street signs	132 50	
		<u>24,380 46</u>
Total debit		<u>\$81,773 58</u>
Balance unexpended		<u><u>\$4,646 56</u></u>

Highways Construction Account.

CREDIT.

Balance from 1904		\$2,518 84
Appropriation		20,000 00
Transfer from Highways, Paved Gutters and Crossings	\$10,000 00	
Transfer from Sidewalks Construction	5,000 00	
Transfer from Public Buildings Construction, addition to Bingham schoolhouse,	14 96	
		<u>\$15,014 96</u>
Less transfer to Highways, Paved Gutters and Crossings, account	\$2,500 00	
Less transfer to Shade Trees and Guards account	200 00	
Less transfer to Public Buildings Construction, dormitory at city home	75 64	
Less transfer to engine house in Ward Two,	263 18	
Less transfer to Proctor schoolhouse completion	1,029 16	
Less transfer to rifle range at Waltham	213 43	
Less transfer to historical building and observatory at Prospect Hill	159 89	
Less transfer to contagious disease hospital and land	2,300 00	
Less transfer to Sidewalks Construction	1,500 00	
		<u>\$8,241 30</u>
		<u>\$6,773 66</u>
Amount carried forward		\$29,292 50

Amount brought forward		\$29,292 50
Receipts:—		
Sale of Wakefield gravel land	\$1,200 00	
Highways Maintenance, stone from construction of Clarendon avenue	4,221 27	
Highways Maintenance, paving blocks and round stone	23 65	
Highways, paving Pearl and Medford streets and Gilman square, paving blocks	10 35	
Highways, Paved Gutters and Crossings, paving blocks	221 39	
Sidewalks Construction, paving blocks	4 88	
		<u>\$5,681 54</u>
Total credit		<u>\$34,974 04</u>

DEBIT.

Expenditures:—		
Construction or partial construction of streets as appears by table A, at end of this report	\$40,433 56	
Less assessments	7,680 48	
		<u>\$32,753 08</u>
Paving Somerville avenue, in front of J. P. Squire's box factory		835 22
Paving Highland avenue, from Davis square, easterly 100 feet		1,261 52
Advertising and recording releases for streets not constructed		103 55
		<u>\$34,953 37</u>
Balance unexpended		<u><u>\$20 67</u></u>

Highways, Paved Gutters and Crossings.

CREDIT.

Appropriation	\$20,000 00	
Less amount transferred to Highways Construction	7,500 00	
		<u>\$12,500 00</u>
Less amount overdrawn in 1904	2,062 41	
		<u>\$10,437 59</u>
Value of materials on hand January 1, 1905		270 60
Net gain on materials		146 22
		<u>\$10,853 81</u>

DEBIT.

Expenditures:—		
For paving nineteen gutters as per table F	\$9,662 81	
Street crossings as per table J	510 36	
Public Buildings Construction, engine house. Ward Two, paving blocks	36 40	
Value of materials on hand this day	339 38	
		<u>\$10,548 95</u>
Total debit		<u>\$10,548 95</u>
Balance unexpended		<u>\$304 86</u>

Highways, Paving Broadway, Bow and Summer Streets.

CREDIT.	
Balance of appropriation of 1904	\$8,136 02
Transfer from Sewers Construction account,	8,000 00
	<hr/>
Total credit	\$16,136 02
DEBIT.	
Warren Bros. Co., final payment on account of contract	\$591 85
	<hr/>
Balance unexpended	<u>\$15,544 17</u>

Highways, Watering Streets.

CREDIT.	
Receipts:—	
Assessments and contributions from abutters	\$21,566 24
Insurance on water carts (collected from contractors)	64 00
	<hr/>
Total credit	\$21,630 24
DEBIT.	
Expenditures:—	
Inspector	\$690 30
Teaming (street watering)	17,978 99
Repairing carts	1,364 87
Painting carts	994 49
Horseshoeing	25 00
Insurance on carts	63 00
New buggy	160 00
Repairing buggy	7 50
New harness	20 00
Water posts	49 77
Repairing posts	145 16
Horse doctoring	4 00
Books	14 50
Clerical assistance, making up assessment list	105 34
	<hr/>
Total debit	\$21,622 92
	<hr/>
Balance unexpended	<u>\$7 32</u>

Highways, Removing Brown-Tail Moths.

CREDIT.	
Appropriation	\$3,000 00
Transfer from Interest account	1,500 00
	<hr/>
	\$4,500 00
Receipts:—	
From Public Grounds account	\$35 00
From Public Buildings Maintenance, schoolhouses	21 50
From sundry persons	283 96
	<hr/>
	340 46
	<hr/>
Total credit	<u>\$4,840 46</u>

DEBIT.

Expenditures:—

Labor, removing brown-tail moths from trees	\$3,821 50	
City teams, use of	201 60	
Inspector	509 70	
Tools	157 36	
Books, stationery, and stamps	37 75	
Horseshoeing	3 50	
Sleigh	25 00	
Tanglefoot	3 00	
Creosote	36 25	
		<u>\$4,795 66</u>
Balance unexpended		<u>\$44 80</u>

Highways, Shade Trees and Tree Guards.

CREDIT.

Appropriation	\$1,400 00	
Transfer from Highways Construction account	200 00	
		<u>\$1,600 00</u>
Receipts:—		
Sale of shade trees	\$151 00	
Sale of wire netting	95	
		<u>151 95</u>
Total credit		<u>\$1,751 95</u>

DEBIT.

Expenditures:—

For 651 trees	\$486 87	
Freight on same	8 80	
Labor, setting trees	681 75	
Posts for tree guards	172 13	
Wire netting	284 76	
Tools and hardware	5 50	
Use of city teams	112 00	
		<u>\$1,751 81</u>
Total debit		<u>\$1,751 81</u>
Balance unexpended		<u>\$0 14</u>

Sidewalks Construction Account.

CREDIT.

Appropriation	\$16,000 00	
Transfer from Sewers Construction account,	2,000 00	
Transfer from Highways Construction account	1,500 00	
		<u>\$19,500 00</u>
Less transfer to Highways Construction account	5,000 00	
Amount carried forward	\$14,500 00	

Amount brought forward	\$14,500 00	
Materials furnished prior to January 1, 1905, the bill for which remained uncollected that day		31 12
		<hr/>
Total credit		\$14,531 12

DEBIT.

Expenditures:—

For twenty-nine sidewalks constructed as per table C . . . \$20,709 41

Less assessments 10,354 70

\$10,354 71

Constructing sidewalks as per table D 85 55

Constructing sidewalks as per table E 474 95

Private work, the bills for which remained
unpaid December 31, 1905 4 72

Books, printing, and stationery 46 00

Amount overdrawn in 1904 2,825 45

\$13,791 38

Balance unexpended \$739 74

Sidewalks Maintenance Account.

CREDIT.

Appropriation \$3,000 00

DEBIT.

Expenditures:—

Bricks used in repairing sidewalks \$340 70

Labor 2,180 18

City teams 309 40

Sand and gravel 97 39

Crushed stone 56 66

Cement 4 25

Paving bricks 4 47

Total debit

\$2,993 05

Balance unexpended \$6 95

TABLE A.
Streets Constructed or Partially Constructed in 1905.

STREET.	FROM	TO	CONSTRUCTED WHOLLY OR PARTIALLY.	LENGTH IN FEET.	COST.
Clarendon avenue . . .	Broadway . . .	Cambridge line . . .	Partially 1904, finished 1905	1,217	\$15,160 66
Farragut avenue . . .	Broadway . . .	Woodstock st. (extension)	Wholly . . .	900	633 46
Hanson street . . .	Washington street . . .	Vine street . . .	Wholly . . .	816	268 16
Hawthorne street . . .	Willow avenue . . .	Cutter avenue . . .	Wholly . . .	807	554 94
Josephine avenue . . .	Morrison avenue . . .	Broadway . . .	Partially 1904, finished 1905	1,718	1,041 49
Milton street . . .	Orchard street . . .	Cambridge line . . .	Wholly . . .	223	212 33
Moreland st. . .	Main street . . .	Meacham street . . .	Wholly . . .	691	818 25
Ussipee road . . .	Packard avenue . . .	Curtis street . . .	Wholly . . .	682	422 82
Pearl street . . .	Mr. Vernon street . . .	Crescent street . . .	Wholly . . .	341	257 97
Pearl and Medford street } and Gilman square }	Cross street . . .	School street . . .	Wholly . . .	2,845	17,703 11
Pritchard avenue . . .	Morrison avenue . . .	Frederick avenue . . .	Wholly . . .	650	956 96
Richardson street . . .	Lowell street . . .	Lawrence street . . .	Wholly . . .	467	282 71
*Veazie street . . .	Bradley street . . .	Marshall street . . .	Partially . . .	260	1,561 26
Warren street . . .	Medford street . . .	Cambridge line . . .	Wholly . . .	105	561 50
		Length in feet and cost . . .		11,722	\$40,433 56

* Including cost of land, \$1,400.00.

TABLE B.
Streets Repaired.

STREET.	FROM	TO	DESCRIPTION OF WORK.	FEET.	COST.
Aldrich street	Pearl street	Gilman street	Re-macadamized	470	\$471 60
Alston street	Cross street	Shawmut place	Re-macadamized	567	314 92
Bow street	Summer street	Somerville avenue	Re-macadamized	570	548 71
Broadway	opp. Norwood avenue	Main street	Re-macadamized	1,400	167 14
Central street	Medford street	Highland avenue	Re-macadamized	1,540	988 00
Dana street	Bonair street	Pearl street	Re-macadamized	696	286 18
Dover street	Davis square	Meacham road	Re-surfaced	180	133 88
Elm street	Southerly side	White street	Re-macadamized	750	310 81
Florence street	Mossland street	Washington street	Re-macadamized	820	194 96
Gibbens street	Pearl street	Benton road	Re-macadamized	492	472 66
Greenville street	Central street	Munroe street	Re-surfaced	270	28 40
Grove street	Boston street	Cutter square	Re-macadamized	380	287 94
Highland avenue	Highland avenue	Cherry street	Re-surfaced	460	236 69
Holland street	Northerly side	Broadway	Re-macadamized	2,696	1,632 97
Liberty avenue	Cedar street	Powder House terrace	Re-surfaced	490	41 48
Mossland street	Davis square	Somerville avenue	Re-macadamized	377	605 66
Monmouth street	Broadway	Westerly 267 feet	Re-surfaced	267	107 73
Mt. Vernon street	Elm street	Washington street	Re-macadamized	600	242 08
Otis street	Central street	Wigglesworth street	Re-macadamized	1,200	318 86
Pinckney street	Pearl street	Washington street	Re-macadamized	710	204 27
Prospect Hill avenue	Cross street	Munroe street	Re-surfaced	597	294 32
Spring street	Pearl street	Somerville avenue	Re-surfaced	1,220	388 70
Temple street	Medford street	Mystic avenue	Re-surfaced	640	84 84
Tremont street	Summer street	Cambridge line	Re-surfaced	589	73 10
Vinal avenue	Derby street	Summer street	Re-macadamized	490	34 84
Walnut street	Webster avenue	Pearl street	Re-macadamized	470	40 43
Washington street	Aldersey street	Cambridge line	Re-macadamized	2,940	7,731 14
Wigglesworth street	Medford street	Bonair street	Re-macadamized	180	74 13
	Union square				
	Otis street				
	Length in feet and cost			22,061	\$16,316 44

TABLE C.
Sidewalks Constructed Where the Materials Were Furnished by the City and One-half the Cost Was Assessed
Upon the Abutting Estates.

STREET.	SIDE.	FROM	TO*	FEET OF EDGE-STONES.	YARDS OF BRICKS.	COST.
Alston	Southwesterly	Cross street	Shawmut place	864.5	....	\$754 35
Bartlett	Northeasterly	Cross street	E'y line R. R. Estate.		128.	118 23
Charnwood road,	Southerly	Robinson street	Ames street	....	804.7	840 76
Chandler	Both	Hancock street	Willow avenue	....	605.	638 80
Durham	Easterly	William street	Broadway	....	....	788 97
Elm	Northerly	Estate No. 64	Broadway	882.9	....	545 86
Evergreen avenue	Both	Beacon street	Hanson street	564.4	....	256 57
Farragut avenue.	Southwesterly	Mossland street	White street	308.6	....	1,000 21
Glenwood road	Northerly	Thurston street	Sycamore street		....	15 20
Hanson	Both	Broadway	Southwesterly line of Estate No. 42	1,184.0	....	1,302 97
Hawthorne	Both	Medford street	Southerly line of Estate of Eliza McLaughlin	....	15.1	1,412 14
*Holland	Westerly	Washington street	Vine street	1,580.1	....	1,223 65
Hudson	Both	Willow avenue	Cutter avenue	1,599.3	....	969 92
Main	Easterly	Davis square	Broadway	1,155.5	....	703 42
Medford	Northerly	Lowell street	Cedar street	....	964.3	....
Glenwood road	Southwesterly	Broadway	Medford line	705.9	....	....
Medford	In front of Estate	Of Eliza McLaughlin	478 Medford street	....	....	326 86
Moreland	Westerly	Southerly line of Est. of Louisa McLaughlin.	S'y line Est. No. 56.	....	271.9	211 11
	Easterly	Boston & Albany R. R.	Cambridge line	22.4	137.9	1,440 04
	Both	Main street	Meacham street	1,419.6	....	....
			Carried forward	10,287.2	2,926.9	\$12,549 06

* Where not already laid.

TABLE C. — Concluded.

STREET.	SIDE.	FROM	TO	FEET OF EDGESTONES.	YARDS OF BRICKS.	COST.
* Morrison avenue	Northeasterly	College avenue	Brought forward	1,287.2	2,926.9	\$12,549.06
Mt. Vernon	Easterly	Pearl street	Willow avenue	....	722.2	769.83
Ossipee road	Both	Packard avenue	To sidewalk already laid	49.7	54.5	88.50
Pearl	Southwesterly	Mt. Vernon street	Curtis street	1,443.5	....	1,218.11
Pritchard avenue	Both	Morrison avenue	Crescent street	333.8	189.5	572.60
Richardson	Both	Lowell street	Frederick avenue	1,289.2	....	1,141.41
Spencer avenue	Both	Cedar street	Lawrence street	940.6	....	850.56
Sydney	Northeasterly	Grant street	Hancock street	....	992.8	996.87
Warren	Both	Medford street	Temple street	702.7	....	632.53
Wilton	Both	Lowell street	Cambridge line	196.3	....	206.90
** Willow avenue	Southeasterly	Frederick avenue	Lawrence street	942.7	....	842.19
Wyatt	In front of	Estates Nos.	Broadway	....	....	783.65
			14, 16, 18, 20	....	63.5	57.20
				16,195.7	4,949.4	\$20,709.41

* Where not already laid.

** Granolithic, 559.4 square yards.

TABLE D.
Sidewalks Constructed Where the Bricks and Edgestones Were
Furnished by the Abutters.

For	Street.	Yards of Bricks.	Cost to City.
Charles R. Elder . . .	47, 47-A 49, 49-A Beacon st.	124.1	\$45 20
Thomas Kilmartin . . .	62, 66 Partridge avenue .	44.80	26 80
John McFarlane . . .	413, 415 Norfolk street .	30.40	13 55
	Total	199.30	\$85 55

TABLE E.
Granolithic Sidewalk Laid (the Edgestones being already set), the
Abutters Paying the Excess above the Equivalent of One-half
the Cost of a Brick Sidewalk.

For	Street.	Square Yards.	Cost to City.
Caroline G. Baker . . .	40 Benton road . . .	37.1	\$18 55
Frank J. Dooling . . .	34 " " . . .	27.	13 50
Caroline B. Fish . . .	50 " " . . .	28.70	14 35
William Shannahan . . .	38 " " . . .	30.40	15 20
Highland Association . . .	314 Highland avenue . .	91.60	45 80
Wilbur P. Rice . . .	346-352 Highland avenue .	98.70	49 35
Edmund S. Sparrow . . .	415-417 " " . . .	74.30	37 15
Munroe Street Sidewalk	{ Northerly side from brick sidewalk already laid to Prospect Hill avenue . }	{ 439.	{ 281 05
	Total	826.80	\$474 95

TABLE F.
Gutters Paved in Connection with Setting Edgestones.

STREET.	Side.	From	To	Square Yards.	Cost.
Alston street	Southwesterly	Cross street	Shawmut place	288.2	\$550 14
Broadway	Northeasterly	Cross street	Easterly line of R. R. lot	}	}
Durham street	Northeasterly	Main street	Medford line		
Elm street	Both	Beacon street	Hanson street	442.90	776 89
Evergreen avenue	Southwesterly	Mossland street	White street	294.30	523 72
Farragut avenue	Northwesterly	Thurston street	Sycamore street	188.10	367 91
Hanson street	Both	Broadway	S'thw'tly line Est. No. 42	120.	189 10
Hawthorne street	Both	Washington street	Vine street	394.70	556 93
*Holland street	Both	Willow avenue	Cutter avenue	526.70	764 15
Main street	Easterly.	Davis square	Broadway	533.10	856 35
Moreland street	Southwesterly	Broadway	Medford line	439.	736 22
Mt. Vernon street	Both	Main street	Meacham street	241.	453 30
Ossipee road	Westerly	Pearl street	Gutters already laid	552.10	878 77
Pearl street	Both	Packard avenue	Curtis street	16.6	62 20
Pritchard avenue	Southwesterly	Mt. Vernon street	Crescent street	481.20	701 30
Richardson street	Both	Morrison avenue	Frederick avenue	111.30	226 05
Sydney street	Both	Lowell street	Lawrence street	433.10	724 40
Willow avenue	Northeasterly	Grant street	Temple street	313.50	461 73
Wilton street	Westerly	In front of the Estate of Lowell street	Edison Elec. Ill. Co.	234.20	303 60
	Both		Lawrence street	70.70	92 62
			Total	314.20	437 43
				5,994.90	\$9,662 81

* Concrete.

TABLE G.
Driveways Constructed at Expense of Abutters.

FOR.	LOCATION.
Albert C. Ashton	33 Columbus avenue
Horace W. Andrews	Glen street, rear 122 Broadway
Elbridge G. Davis	Near 33 Jaques street
Charles H. Dearborn	90 Chandler street
Reginald W. Doe	Richdale avenue, rear 174 School street
William P. DeWitt	15 Day street
Charles E. Edgerton	63 Boston street
Harry Gavel	23 Partridge avenue
Joseph Gridley	Benton road, rear 179 Highland avenue
George O. Gustin	Chandler street, rear 922 Broadway
Granville Hodgkins	12 Curtis street
Henry A. and Leona F. Hooper	41 Monroe street
John E. Locatelli	Craigie street
Julia A. McGlone	78 and 82 Line street
New England Tel. and Tel. Co.	Pearl street
" " " " " "	Bradley street
Albert Ober	26 St. James avenue
Charles E. Parkhurst	79 Walnut street
Edward J. Robertson	108-A Beacon street
Horatio B. Ruggles	15 Glen street
Edwin A. Simonds	38 Robinson street
Winsor L. Snow	Day street, near Davis square
John P. Squire & Co.	Somerville avenue
Winter Hill Baptist Church	School street

TABLE H.
Driveways Discontinued at Expense of Abutters.

FOR.	LOCATION.
Alphonso S. Colburn	51 School street
Mary D. Wilder	17 School street

TABLE I.
Driveways Re-located at Expense of Abutters.

FOR.	LOCATION.
Zebedee E. Cliff	Curtis street
North Shore Express Co.	Myrtle street

TABLE J.
Streets Accepted in 1905.

STREET.	WARD.	FROM	To	WIDTH, FEET.	LENGTH, FEET.
Hamlet street . .	3	Highland ave. .	Southw'tly end	30	451
Hanson street . .	2	Washington st.	Vine st. . . .	30 to 35	816
Lexington avenue	6	Hancock st. .	Willow ave. . .	50	624
Nashua street . .	5	Richardson st..	B. & L. R. R. .	35	637
Skehan street . .	2	Dane st. . . .	Hanson st. . . .	30	306
Thorpe place . .	3	Highland ave. .	Southw'tly end	30	468
Vernon street . .	5	Glenwood road	Lowell st. . .	30 to 40	624
Warren street . .	2	Medford st. . .	Cambridge line	30 to 45	109
Wheatland street	4	Jaques st. . .	Mystic avenue.	40	828
		Length in feet			4,863

TABLE K.
Street Crossings Laid.

BRICK.

- Albion street, across same, from westerly side of Centre street.
- Broadway, southerly side, across Thurston street.
- Mt. Vernon street, across same, from northerly side of Lincoln avenue.

GRANITE FLAGGING.

- Broadway, across same, from westerly side of Curtis street.
- Lexington avenue, across same, from easterly side of Hancock street.
- Main street, easterly side, across Moreland street.
- Somerville avenue, southerly side, near Mossland street, from edgestone to car track.
- Somerville avenue, at Squire's estate at box factory, from edgestone to car track.
- Washington street, southerly side, across Perry street.

Street Crossings Re-surfaced.

- Broadway, across same, at easterly side of Cedar street.
- Richdale avenue, across same, at westerly side of Essex street.
- Washington street, across same, at easterly side of Bowdoin street.
- Washington street, across same, at easterly side of Hawkins street.

Length of Accepted Streets in Each Ward.

Ward 1	Miles.	9.182
" 2		7.828
" 3		7.260
" 4		9.109
" 5		10.625
" 6		11.504
" 7		14.715
Total length of accepted streets in the city		70.223

Respectfully submitted,

ASA B. PRICHARD,

Street Commissioner.

REPORT OF COMMISSIONER OF PUBLIC BUILDINGS.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS, }
 CITY HALL, Somerville, January 1, 1906. }

To the Honorable, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen,—I have the honor, as commissioner of public buildings, to submit the following report of this department for the year 1905.

Section 41, article third, of the city charter, relating to this department, is as follows: "The public buildings department. This department shall be under the control of the commissioner of public buildings, who shall have charge of the construction, alteration, repair, maintenance, and care of public buildings, and shall also be the inspector of buildings." A brief summary of the work performed by this department in compliance with the above mentioned article of the city charter will be found in this report, as well as tables showing the result of the routine work.

Inspection of Buildings.

There have been issued during the year 1905, 311 permits for new buildings and alterations. This number is eight more than in 1904.

The total estimated cost of new buildings and alterations in 1905 was \$870,530, while the same in 1904 was \$959,540, showing a decrease of \$89,010.

During the year 1905 there have been 1,195 inspections of private buildings in the course of construction. These have included the inspection of construction, fire-stopping, chimneys, buildings damaged by fire, and foundations.

The following is a table showing the number of permits in each ward for buildings, etc., and the uses for which they were intended:—

Buildings.	WARDS.							Totals.
	1	2	3	4	5	6	7	
Dwellings	10	16	14	4	17	54	118	233
Dwellings and stores .	1	1	1	0	0	0	3	6
Stables	0	1	0	1	1	0	0	3
Miscellaneous	12	9	10	8	8	5	8	60
Brick buildings	2	1	1	0	0	1	4	9
Total	25	28	26	13	26	60	133	311

The number of plumbing permits issued during the year was	356
Permits for plumbing in new buildings	185
Permits for plumbing in old buildings	169
Number of buildings in which pipes were tested by water	308
Number of master plumbers' licenses, 3 at \$2.00	\$6 00
Number of journeyman's licenses, 4 at \$.50	2 00
Number of master plumbers' licenses renewed, 36 at \$.50	18 00
Number of journeyman's licenses renewed, 22 at \$.50	11 00
Two applications for journeyman's licenses were rejected.	
Amount received in fees	37 00

Proctor School.

The Proctor school was completed and prepared for occupancy September 1 of this year. This building contains eight rooms for classes and one recitation room. Each classroom is intended to accommodate forty-nine pupils, and the recitation room thirty-five. The total cost of this school centre was \$41,029.16.

Health Department Building.

The construction of a storage shed for the city offal, for which an order was passed April 13, 1905, was completed, and the shed made ready for use in May of this year. The total cost of this building was \$1,189.79.

Bell School Fire Escape.

The construction of the fire escape at the Bell school, for which an order was passed on June 22, 1905, has been completed, and the escape is now ready for use. The total cost of this fire escape was \$1,320. There is still some work to be done in connection with the approach to the escape inside the building, and this will be done the next vacation.

Addition to Latin High School.

The construction of the addition to the Latin High school, for which an order was passed by the board of aldermen on July 13, 1905, was commenced in September of this year, and is still in progress. The estimates for the general contract on this building were opened in the office of the mayor, on Tuesday, September 5. The contract was awarded to Frederick C. Alexander, he being the lowest bidder.

During the summer vacation of 1905, alterations were made in the old part of the Latin High school building, which were shown in the original plan as referred to in the order as adopted by the board of aldermen on July 13, 1905.

The addition to this building is being constructed on the rear of the building, and is 100 feet in width and fifty feet in depth. It is a four-story building, each floor of which is divided

into four rooms, with the necessary corridors, coat rooms, closets, etc. The entire addition contains eight classrooms, each room having a seating capacity of forty-eight pupils, and eight recitation rooms, having a seating capacity of thirty pupils. The entire seating capacity of the addition is therefore 624.

A corridor connecting the present English High school with the new addition to the Latin High school is also a part of this contract and will make it possible for a part of the new addition to be used for the accommodation of pupils going to the English High school. It is expected that the addition will be completed, and therefore ready for occupancy September 1, 1906.

Electric Service.

On March 22, 1905, new contracts were made by this department with the Edison Electric Illuminating Company of Boston for the furnishing of electric current for illuminating purposes in the public buildings of the city. These contracts were made to run for five years, and a material decrease in the cost of lighting was anticipated. This department has not been disappointed in the showing which has been made thus far in this account.

The total amount for electric lighting during the year 1905 was \$4,391. For the same twelve months under the old contracts the amount would have been \$6,300. It is, therefore, a fact that the new contracts show a saving to the city of \$1,909 in the twelve months of the year 1905.

Recommendations.

I respectfully recommend that during the year 1906 the furnace systems in the Morse and Pope schools be removed and modern steam systems be installed. I believe that the saving of fuel would pay the interest on the amount required to make these changes. I would recommend that the engines in the Bell and Hanscom school buildings, now used to run the ventilation fans, be removed and the electric motors be substituted. These changes, I believe, will also show a material decrease in the cost of fuel in these buildings.

I would further recommend that an appropriation be made, sufficiently large to make a general renovation of the Forster school building. This building after many years of constant service is badly in need of repairs, particularly on the outside. Several of the school buildings are without wall tinting, and inasmuch as the pupils of the schools are themselves purchasing pictures to adorn the walls of the various rooms, this department feels that the comparatively small amount required for such work would be wisely expended.

Public Buildings, Care and Repair.

It has been necessary during the year 1905 to practice the strictest economy in the care of the public buildings of the city, owing to the small amount of money available for this purpose. In fact the appropriation has proved inadequate for even the work which was necessary to be done in order to make the buildings comfortable and well cared for. The following table will show in part the property which must be cared for and maintained at all times, as well as watched carefully for defects and the results of wear and tear:—

Buildings	43
Steam plants	54
Furnaces	32
Classrooms (schools)	270
Sets of school furniture	12,407
Teachers' desks	304
Visitors' chairs	608
Electric motors	2
Motor generators	1
Sanitary systems	44

The steam and furnace plants and sanitary systems require the most diligent attention, and must be watched carefully at all times for weak parts and defects. The perfect working of the steam and furnace plants is absolutely necessary in order to have the buildings comfortable and safe to occupy during the cold weather. This condition also applies to the sanitary systems, which must be at all times kept in good working condition and in repair. The appropriation recommended at the beginning of each year for the maintenance of the above-named items cannot be estimated accurately in advance, and often the expense incurred during the year is in excess of the amount anticipated.

In addition to the work already mentioned, there is a large amount of general repairs required on the buildings, such as carpenter work, mason work, roofing, glass breakage, painting, blackboard repairing, repairing fences, care of grounds, concreting, and general repairs of all kinds which must be attended to.

In view of the work which should be performed this year in order to have the buildings in proper condition, I have in my recommendation for the appropriation for 1906 included a larger amount than usual and respectfully request that the same may be furnished as recommended.

The following figures give the expenditures for the items of repairs and the care of the buildings for the year 1905:—

BAXTER SCHOOL.

Janitor	\$598 00
Fuel	285 47
Light, gas	22 80
Repairs	125 33
Supplies	11 48
	<hr/>
	\$1,043 08

BELL SCHOOL.

Janitor	\$992 00	
Fuel	702 20	
Light, electric	197 18	
Light, gas	141 74	
Repairs	380 48	
Supplies	47 05	
Telephone	32 75	
	<hr/>	\$2,493 40

BENNETT SCHOOL.

Janitor	\$884 00	
Fuel	638 77	
Light, gas	35 20	
Repairs	39 71	
Supplies	8 85	
	<hr/>	1,606 53

BINGHAM SCHOOL.

Janitor	\$910 00	
Fuel	929 36	
Light, gas	5 70	
Light, electric	22 99	
Repairs	356 92	
Supplies	29 36	
Telephone	24 63	
Insurance	50 00	
	<hr/>	2,328 96

BROWN SCHOOL.

Janitor	\$598 00	
Fuel	390 98	
Light, gas	30 60	
Repairs	65 42	
Supplies	1 50	
	<hr/>	1,086 50

BURNS SCHOOL.

Janitor	\$663 00	
Fuel	478 17	
Light, gas	38 80	
Repairs	300 15	
Supplies	6 35	
	<hr/>	1,486 47

CARR SCHOOL.

Janitor	\$1,144 00	
Fuel	963 60	
Light, gas	23 20	
Repairs	126 87	
Supplies	8 18	
Telephone	26 73	
	<hr/>	2,292 58

CUMMINGS SCHOOL.

Janitor	\$194 00	
Fuel	287 20	
Light, gas	2 55	
Repairs	345 53	
Supplies	41 12	
	<hr/>	\$1,170 40

DAVIS SCHOOL.

Janitor	\$194 00	
Fuel	304 83	
Light, gas	30 50	
Repairs	379 31	
Supplies	18 43	
	<hr/>	1,227 07

DURELL SCHOOL.

Janitor	\$520 00	
Fuel	228 92	
Repairs	71 52	
Supplies	26 69	
	<hr/>	847 13

EDGERLY SCHOOL.

Janitor	\$832 00	
Fuel	537 69	
Light, gas	83 20	
Repairs	430 49	
Supplies	22 34	
Telephone	28 20	
	<hr/>	1,933 92

FORSTER SCHOOL.

Janitors	\$1,812 00	
Fuel	890 70	
Light, electric	157 28	
Light, gas	190 70	
Repairs	890 62	
Supplies	222 29	
Telephone	28 98	
	<hr/>	4,192 57

GLINES SCHOOL.

Janitor	\$949 00	
Fuel	535 11	
Light, electric	914 84	
Light, gas	24 10	
Repairs	147 13	
Supplies	10 82	
Telephone	24 43	
Furniture	195 00	
	<hr/>	2,800 43

HANSCOM SCHOOL.

Janitor	\$598 00	
Fuel	364 60	
Light, gas	15 70	
Repairs	143 85	
Supplies	7 88	
	<hr/>	\$1,130 03

ENGLISH HIGH SCHOOL.

Janitor	\$1,356 00	
Light, electric	1,897 06	
Light, gas	98 90	
Repairs	200 09	
Supplies	55 40	
Telephone	118 34	
Furniture	242 50	
	<hr/>	3,968 29

LATIN HIGH SCHOOL.

Janitor	\$1,764 50	
Fuel	1,620 31	
Light, gas	15 70	
Repairs	502 25	
Supplies	87 26	
Telephone	31 26	
Furniture	17 50	
	<hr/>	4,038 78

HIGHLAND SCHOOL.

Janitor	\$896 00	
Fuel	1,056 28	
Light, gas	26 50	
Light, electric	58 55	
Repairs	236 37	
Supplies	22 02	
Telephone	27 18	
Furniture	16 81	
	<hr/>	2,339 71

HODGKINS SCHOOL.

Janitor	\$884 00	
Fuel	656 10	
Light, gas	27 00	
Repairs	310 64	
Supplies	78 87	
Telephone	25 23	
Furniture	25 25	
	<hr/>	2,007 09

KNAPP SCHOOL.

Janitor	\$884 00	
Fuel	675 78	
Light, gas	68 20	
Repairs	277 37	
Supplies	18 20	
Telephone	35 10	
Furniture	16 32	
	<hr/>	\$1,974 97

LINCOLN SCHOOL.

Janitor	\$494 00	
Fuel	186 81	
Repairs	160 97	
Light, gas	5 48	
Supplies	44 25	
	<hr/>	891 51

LOWE SCHOOL.

Janitor	663 00	
Fuel	365 61	
Light, gas	48 80	
Repairs	215 27	
Supplies	14 82	
	<hr/>	1,307 50

PROSPECT HILL SCHOOL.

Repairs	\$22 25	
Supplies	6 39	
	<hr/>	28 64

MORSE SCHOOL.

Janitor	\$884 00	
Fuel	880 00	
Light, gas	25 70	
Repairs	210 31	
Supplies	12 48	
Telephone	25 13	
Furniture	109 15	
	<hr/>	2,146 77

PERRY SCHOOL.

Janitor	\$598 00	
Fuel	451 72	
Light, gas	16 10	
Repairs	103 96	
Supplies	29 25	
Furniture	13 41	
	<hr/>	1,212 44

POPE SCHOOL.

Janitor	\$884 00	
Fuel	865 98	
Light, gas	39 68	
Repairs	359 69	
Supplies	2 60	
Telephone	27 59	
	<hr/>	\$2,179 54

PRESCOTT SCHOOL.

Janitor	\$912 00	
Fuel	786 54	
Light, gas	80 20	
Repairs	198 32	
Supplies	1 90	
Telephone	26 71	
	<hr/>	2,005 67

PROCTOR SCHOOL.

Janitor	\$242 25	
Fuel	83 70	
Light	0 00	
Repairs	136 85	
Supplies	99 00	
	<hr/>	561 80

CENTRAL FIRE STATION.

Fuel	\$452 89	
Light, gas	77 20	
Light, electric	514 54	
Repairs	179 20	
Supplies	95 07	
Furniture	31 50	
	<hr/>	1,350 40

STEAMER NUMBER TWO.

Fuel	\$243 28	
Light, gas	188 92	
Light, electric	26 10	
Repairs	73 55	
Supplies	31 35	
	<hr/>	563 20

STEAMER NUMBER FOUR.

Fuel	162 49	
Light, gas	2 60	
Light, electric	110 04	
Repairs	41 15	
Supplies	9 80	
	<hr/>	326 08

HOSE NUMBER TWO.

Fuel	\$182 57	
Light, gas	31 30	
Light, electric	87 95	
Supplies	7 11	
	<hr/>	\$308 93

HOSE NUMBER THREE.

Fuel	\$193 15	
Light, gas	3 92	
Light, electric	304 48	
Repairs	1,022 32	
Supplies	440 72	
	<hr/>	1,964 59

HOSE NUMBER FIVE.

Fuel	\$122 89	
Light, gas	3 00	
Light, electric	172 15	
Repairs	10 00	
Supplies	30	
	<hr/>	308 34

HOSE NUMBER SIX.

Fuel	\$136 70	
Light, gas	9 80	
Light, electric	129 32	
Repairs	17 60	
Supplies	17 31	
	<hr/>	311 23

HOSE NUMBER SEVEN.

Fuel	\$139 37	
Light, gas	1 40	
Light, electric	74 75	
Repairs	85 27	
Supplies	50 61	
	<hr/>	351 40

CITY HALL.

Janitor	\$1,645 00	
Fuel	266 28	
Light, electric	1,022 36	
Light, gas	10 48	
Repairs	602 07	
Supplies	592 00	
Furniture	151 70	
	<hr/>	4,289 89

CITY HALL ANNEX.

Janitor	\$420 00	
Fuel	170 08	
Light, electric	66 74	
Repairs	177 41	
Supplies	26 87	
Insurance	50 00	
	<hr/>	\$911 10

PUBLIC LIBRARY.

Janitor	\$1,014 00	
Fuel	448 94	
Light, electric	1,675 15	
Light, gas	37 90	
Repairs	935 80	
Supplies	91 43	
	<hr/>	4,203 22

POLICE STATION.

Janitor	\$845 00	
Fuel	445 17	
Light, electric	113 89	
Light, gas	346 00	
Repairs	173 89	
Supplies	88 13	
	<hr/>	2,012 08

HEALTH DEPARTMENT.

Fuel	\$128 26	
Light, electric	103 67	
Repairs	198 37	
Supplies	14 00	
	<hr/>	444 30

HIGHWAYS DEPARTMENT.

Fuel	\$61 73	
Light, electric	104 66	
Light, gas	0 00	
Repairs	228 33	
Supplies	35 17	
	<hr/>	429 94

PUBLIC GROUNDS.

Fuel	\$22 40	
Repairs	13 60	
Supplies	64	
	<hr/>	36 64

SEWER DEPARTMENT.

Fuel	\$25 17	
Repairs	4 50	
Supplies	1 55	
		\$31 22

SUPPORT OF POOR.

Fuel	\$549 20	
Light, electric	81 01	
Light, gas	6 60	
Repairs	660 73	
Supplies	21 82	
		1,319 36

WATER DEPARTMENT.

Fuel	\$99 16	
Light, electric	98 67	
Light, gas	3 11	
Supplies	69 30	
Repairs	36 27	
		306 51

Conclusion.

The foregoing brief review of the work which has been accomplished during the year 1905, as well as the statistics given, will, I trust, convey some idea as to the work of the department of public buildings. In some instances it is possible that requests have been filed, instead of being attended to at once, owing to the utter impossibility of accomplishing everything needed in the line of improvement of existing conditions in the public buildings.

The various items of work which have been thus filed, however, are those which could be best postponed to some future date, when either a sufficient appropriation will be available or a better opportunity presents itself for doing the work.

In closing I wish to express my sincere appreciation of the valuable help and advice which I have received from the board of aldermen, as a body, and as individual members.

I desire, also, to gratefully acknowledge the continued support of his honor, the mayor, in everything which has helped to make the department efficient, and to mention again, as in my last report, my appreciation of his interest in the work and his sound and wise advice.

Respectfully submitted,

WALTER T. LITTLEFIELD,
Commissioner of Public Buildings.

REPORT OF COMMISSIONER OF ELECTRIC LINES AND LIGHTS.

OFFICE OF COMMISSIONER OF ELECTRIC LINES AND LIGHTS, }
CITY HALL, January 1, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I herewith submit my tenth annual report, for the year ending December 31, 1905.

Electrical Department.

This department has supervision of the fire alarm and police signal systems, which have received the necessary attention during the year.

Under this department also comes the inspection of all buildings equipped with electric light service, also all poles and wires in the city streets.

All electric lights and private telephones, bells, etc., in all the public buildings have been maintained and kept in perfect order by this department.

During the year 170 permits were issued for attachments of wires in buildings for electric light service, after careful inspection of the same by this department. Also 154 poles have been replaced by new ones divided as follows: The Edison Electric Illuminating Company of Boston, 126; the New England Telephone and Telegraph Company of Massachusetts, 28; and 27 new poles have been set as follows: The Edison Electric Illuminating Company of Boston, 13; the New England Telephone and Telegraph Company of Massachusetts, 14.

Fire Alarm.

Two new fire alarm boxes have been added during the year, located as follows: box 233, corner of Somerville avenue and Mystic street; box 238, American Tube Works, Church street, making a total of 108 boxes.

There have been no large fires during the year, as all alarms have been given promptly and correctly, and the fire department was thus enabled to respond quickly.

A portion of the boxes have been changed from 3 and 4-round to 2-round boxes, which has greatly reduced the number of blows on the bells and the whistle, and I would recommend that this work be still further extended.

The equipment of this department consists of the following: 108 signal boxes, one eight-circuit repeater, one eighteen-circuit fuse board, eight tower strikers, thirty-three gongs, eight indicators, twenty small tappers, forty open circuit tappers, one automatic steam whistle, 392 cells storage battery, and 130 miles of wire.

Twelve miles of old wire have been replaced by new.

During the year this department has been called upon to answer fifty-one emergency calls to pick up dangerous wires.

Owing to the large number of new buildings that have been erected in the western portion of the city, I would recommend that new signal boxes be added in this section in order to further protect the property.

Police Signal.

The usual careful attention has been given to the police signal system, and it is in a good working condition. During the past year several miles of old wire have been replaced with new. Several of the telephones in the signal boxes have been repaired, and in some cases new ones installed in place of the old.

I would recommend that two new boxes be added this year, and some of the instruments at the police station be replaced by new ones, as some of them have been in constant service for seventeen years.

Underground Wires.

An act was passed by the legislature and approved April 10, 1905, to provide for the placing of wires underground in certain streets in this city, such streets being designated in the said act. The Edison Electric Illuminating Company of Boston has laid conduits in Broadway from the Charlestown line to Edmands street, and The New England Telephone and Telegraph Company of Massachusetts has laid conduits from the Charlestown line to Willow bridge. These companies will probably place their wires in said conduits and remove their poles and wires from the streets. The city has made arrangements for placing its wires underground in Broadway and has purchased the necessary iron posts for the fire alarm and police boxes. As the act calls for an expenditure of \$20,000 each year by each corporation, our streets will present a very different aspect in two or three years. Owing to the fact that the telephone company has several miles of underground pipes, one duct of which is for the use of the city, free of expense, it would seem good policy on the part of the city to place as much wire underground as possible each year, thus lessening the danger from high tension wires.

Street Lights.

There are at present 478 arc lights and 519 incandescent lights in service in the city.

Owing to the laying out of new streets in the western part of the city, several new lights will be needed during the coming year.

During the past year a number of arc lights have been discontinued on side streets and two or more incandescent lights installed in place of each arc light so removed, and as three incandescents can be maintained at a less cost than one arc light, it reduces the cost very materially.

The lighting service of the city will compare very favorably with that of the surrounding municipalities.

Financial Statement.

ELECTRICAL DEPARTMENT.

CREDIT.

Appropriation	\$7,000 00	
Transferred from Sewer Department	700 00	
Receipts:—		
D. F. McNeil, removing wire	12 00	
Welch & Hall Co., horse	40 61	
	<hr/>	
Total credit		\$7,752 61

DEBIT.

Expenditures:—		
Salaries	\$5,149 88	
Wires, insulators, etc.	1,035 00	
Wagon repairs	103 70	
Harnesses and repairing same	79 05	
Fire alarm boxes	944 80	
Board of horses	300 00	
Incidentals	477 93	
	<hr/>	
Total debit		\$8,090 36
		<hr/>
Amount overdrawn		\$337 75
		<hr/> <hr/>

STREET LIGHTS.

CREDIT.

Appropriation	\$66,000 00	
Received from sundry persons for lighting Westwood road with Welsbach lights, 1904	39 60	
	<hr/>	
Total credit		\$66,039 60

DEBIT.

Expenditures:—

Electric lighting	\$65,885 49	
Changing location of poles and lights	37 00	
Incidentals	8 00	
	<hr/>	
Total debit		\$65,930 49
		<hr/>
Balance unexpended		\$109 11
		<hr/> <hr/>

Respectfully submitted,

EDWARD BACKUS,

Commissioner of Electric Lines and Lights.

SOMERVILLE WATER WORKS.

SOMERVILLE, MIDDLESEX CO., MASSACHUSETTS.

Area of city, including land and water, about 4.22 square miles.

Population, estimated, 71,000.

Entire population on line of pipe and supplied with water.

Water works owned by City of Somerville.

Construction commenced in 1868.

Source of supply : Metropolitan system, taking water of the
Nashua river at Clinton, Mass.

Mayor

HON. LEONARD B. CHANDLER.

Water Commissioner

FRANK E. MERRILL.

Office of the Water Department,

Room 10, City Hall.

Department Buildings and Yard,

Cedar street, near Broadway.

REPORT OF THE WATER COMMISSIONER.

OFFICE OF THE WATER COMMISSIONER, }
 January, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith my report for the year ending December 31, 1905, this being the thirty-second annual report made by the water department:—

Receipts and Expenditures.

Water bills have been issued as follows:—

“Annual” water charges, amounting to	\$142,763 80
“Additional” water charges, amounting to	5,096 16
“Metered” water charges, amounting to	73,837 64
	\$221,697 60
Abatements made on the above charges	\$4,735 95
	\$216,961 65
Amount credited to Water Income account	\$216,961 65
The account has credit for the amount received from the commonwealth of Massachusetts, distribution of entrance fees, water supplied outside of district, and water furnished water companies, 1905, under sec- tion 3, chapter 488, Acts 1895	809 65
Amount received from water service assessments	4,456 58
Amount received from costs	299 00
Amount received from labor and materials sold	2,011 30
	\$224,538 18

This amount was used under appropriation orders of the board of aldermen as follows:—

For water works purposes:—

Water works maintenance	\$28,327 91
Water works extension	16,796 18
Refunds	487 20
Abatements on water charges of 1904	30 99
Miscellaneous accounts	2,011 30
Interest on water loan bonds	4,450 00
Maturing water loan bonds	6,000 00
Metropolitan water works assessment	90,560 73
	\$148,664 31
Amount carried forward	\$148,664 31

Amount brought forward		\$148,664 31
For other municipal purposes:—		
Sewers, maintenance	\$12,000 00	
Fire department	61,465 00	
Reduction of funded debt	2,408 87	
	<hr/>	75,873 87
		<hr/>
		\$224,538 18

In addition to the appropriations from water income to other municipal purposes enumerated above, water has been furnished without charge to all the city departments that have required its use. The value of this water, based on the charges of the year 1899, is about \$12,000.

Department Receipts and Disbursements.

WATER MAINTENANCE ACCOUNT.

	DR.	CR.
Amount appropriated by board of aldermen from water income		\$25,500 00
Sundry receipts for labor and materials sold, Receipts from other sources		1,961 53 299 00
Transfer from Water Works Extension account		2,660 40
Materials used in extension of the water works		11,937 67
Amount expended for labor and materials for maintenance of the water works and renewals of pipe	\$28,327 91	
Amount expended for materials used in extension of the water works	11,937 67	
Miscellaneous accounts	1,961 53	
Unexpended balance	131 49	
	<hr/>	<hr/>
	\$42,358 60	\$42,358 60

WATER WORKS EXTENSION ACCOUNT.

	DR.	CR.
Amount appropriated by board of aldermen from water income		\$15,000 00
Receipts from 220 water service assessments, Sundry receipts for labor and materials sold, Labor and materials used in extension of the water works		4,456 58 49 77
Miscellaneous accounts	\$16,796 18	
Transfer to Water Maintenance account	49 77	
	2,660 40	
	<hr/>	<hr/>
	\$19,506 35	\$19 506 35

Cost of Water Works.

The total cost of the water works on December 31, 1904, as represented by the expenditures from appropriations for water works extension was	\$838,706 95
Expended during the year 1905, on extension account	16,796 18
	<hr/>
Total expenditures, December 31, 1905	\$855,503 13

Water Debt.

Water loan bonds have been issued on funded debt account to the amount of \$1,017,000; this has been reduced by \$915,000, leaving the water debt on December 31, 1905, \$102,000.

The outstanding bonds mature as follows:—

YEAR.	AMOUNT.	YEAR.	AMOUNT.
1906	\$16,000	1914	\$6,000
1907	17,000	1915	5,000
1908	7,000	1916	5,000
1909	6,000	1917	5,000
1910	6,000	1918	5,000
1911	6,000	1919	4,000
1912	6,000	1920	2,000
1913	6,000		

Extension of Water Distribution System.

The accompanying table gives the location and description of new water mains laid during the year, number and size of gates set, number and kind of hydrants, blow-offs, and waterposts constructed. To obtain a circulation of water through Delaware street, the main in that street was extended to a connection with Pearl street, thus removing an old "dead end." Pipes were laid and extended in the other streets shown in the table, for house requirements. The total number of feet of new mains laid, including hydrant, blow-off, and waterpost branches, was 4,047, making the water pipe mileage of the city approximately ninety miles, 1,574 feet. Fifteen fire hydrants and fifteen water-gates have been added to the system during the year; one blow-off has been constructed in Pearl street, and one waterpost, for the use of the street watering department, has been set on Packard avenue, near the boulevard.

The water service system has been extended by making 220 house connections, for which 9,155 feet of pipe was laid, with necessary corporation, curb and cellar cocks and fittings. The cost of these connections, including materials, labor, teams, and tools, has averaged \$21.13, and the average amount received therefor in water service assessments has been \$20.26.

One eight-inch fire service was laid for the box mill of John P. Squire & Co., on Somerville avenue, at their expense, and two private fire hydrants were set by that company in their yard.

The following table gives a summary of the pipes and fixtures of the water system, December 31, 1905:—

Summary of Pipes and Fixtures.

Fect of main pipe (approximately)	476,774
Fect of service pipe (approximately)	382,460
Service connections (approximately)	11,279
Public fire hydrants	1,001
Private fire hydrants	49
Gates	1,358
Check valves	7
Meters	2,092
Waterposts	73
Blow-offs	136
Drinking fountains and troughs	10

Maintenance and Renewals.

A new sixteen-inch iron water main has been laid in Pearl street, from Cross street to a connection with the metropolitan main near Walnut street, in place of the old six-inch iron and cement-lined main, and all the side street connections therewith have been renewed, and hydrants and gates reset. This pipe line now furnishes an abundant supply of water direct from the metropolitan main to the East Somerville district.

The hydrant formerly standing on Pearl street, near Dana, was moved to Dana street, near the corner of Pearl street, and a stop-gate was placed so as to permit its service on either the Pearl-street or the Dana-street main. The hydrant formerly on Pearl street, near Wigglesworth street, was moved around the corner on Wigglesworth street, and the hydrant near Delaware street was moved to three feet east from Pearl terrace.

This work practically concludes the renewal of the water distribution system, which was commenced in 1884 by the substitution of iron for cement-lined water pipes. As evidence that we now have a substantially constructed and practically tight main distribution system, we record that there have been no breaks in the mains and but eight joint leaks discovered during the year, and the cost of repairs per mile of pipe has been but eighty-seven cents.

In addition to the general renewal work in connection with Pearl street, fire hydrants have been set in Arthur street, Cottage avenue, Oak street, and Webster avenue, in place of defective ones removed, and the hydrant formerly on Main street, corner of Moreland, has been reset five feet from the corner of the street.

The twelve-inch gate in Medford street, formerly 100 feet west from Chester avenue, was moved to the west line of Chester avenue, on account of changes in the location of the street car tracks, and the cost was paid by the Boston Elevated Railway Company.

On account of the erection of a dwelling house, the waterpost formerly standing on Holland street, near Elmwood street, was moved to a more favorable location on Paulina street, opposite the Hodgkins school.

The drinking fountains at Gilman square and Union square have been supplied with ice during the summer months. The

Franklin park fountain, which was frequently damaged by those for whose benefit it was intended, was removed for repairs, and has not been reset. The horse troughs have been regularly and thoroughly cleaned, the practice being to wash them twice a week during the summer and once a week during the winter season. The base of the ornamental trough in Gilman square has been again broken by the pole of some heavy team; this trough would do well on a boulevard, or in a district where light teaming prevails, but is not substantial enough for use by heavy teams and careless drivers. The old pipe connection to this fountain was abandoned and a new one made in another location, previous to the laying of the bitulithic pavement in the square.

The blow-offs in various sections of the city have been used frequently to clear the pipes of sediment and dead water.

The maintenance of our fire hydrant system requires a constant inspection during the winter months and careful oversight at all times to ensure its efficiency. The severity of the past two winters, when, in some places, the frost went into the ground to a depth of five feet, has heavily taxed this branch of our work, but in no case has a hydrant been out of order when it has been needed for use by the firemen. Hydrants and gates have been renewed, packed, and oiled, gate boxes raised and lowered to grade of streets, and incidental repairs made wherever necessary.

Service pipes, on account of their small size, wear out by corrosion and other causes much quicker than the large mains, and the maintenance of this department of the water works requires a considerable outlay. Several years ago the rule was established that the city would bear the expense of necessary renewal of service pipe and fittings within the street lines, but that the cost of renewals in private grounds should be paid by the property owner; this has led to a better care and protection of the water fixtures on the part of the owner. It is found necessary to set many curb-cocks on the older services, where it was the custom of earlier times to lay the pipes without them, and to raise to grade many service boxes that have been carelessly covered over in the building of sidewalks; iron boxes have to be set, also, to replace old wooden ones and others that have become damaged. Forty-five service pipes have been renewed, and 167 leaks from various causes have been repaired. Much trouble is experienced with services in a cold winter, and it frequently becomes necessary to thaw those in which the water becomes frozen, sometimes, as during the past winter, from the house clear to the street main. The service department of the work is a busy one, and its labors and expenses are unlikely to grow less with advancing age of the pipes and fixtures with which it has to do.

Inventory.

The annual inventory of stock on hand, tools and machinery, teams and stable equipment, pumping apparatus, and furniture

shows a valuation of \$22,980.41; the land and buildings of the department are valued at \$32,100, and the distribution system of the water works has an estimated valuation of \$865,000.

Water Consumption.

The necessity of restricting our water consumption again becomes apparent from a recent estimate of the metropolitan water and sewerage board, showing an increase of \$2,700, or about three per cent., in our annual water assessment, based on the "valuation and consumption" apportionment, Acts of 1904, over the estimated "valuation and population" apportionment which has heretofore been in effect under Acts of 1895. The advantage of having a metered system at the present time is illustrated in the case of a neighboring city, which is largely metered, where it is estimated that the state water assessment will be about thirty per cent. less this year, on the present consumption basis of apportionment, than it would have been on the former basis of population. The tendency of unmetered cities is to an increasing per capita consumption of water, and while the average of eighty-nine gallons daily for Somerville, as shown by the Metropolitan meters in 1905, is not as low as it might or should be, it is gratifying to note that there has been no increase over the previous year. This is undoubtedly due, in a measure, to the extension of our local meter system, and as this system grows and is extended to cover in the more wasteful class of property, it should show not merely a restriction of the consumption to the present figure, but a material reduction, with its subsequent benefits.

At the present time less than twenty per cent. of our services are metered, and if we should proceed to install meters at the rate of 1,000 per year, it would then require about twelve years to complete the work. Somerville should be willing to do its part in the work of restricting water waste, to the end that further extension of the metropolitan works, with the large expenditures that will be required therefor, may be postponed as long as possible. I recommend, therefore, that the water works appropriation for the coming year be made sufficiently large to provide for the installation of 1,000 meters.

It is sometimes remarked that the installation of a meter system will reduce the water income; this may or may not be the result. Many consumers are finding their rates much lower by the use of meters, others are paying more than under the old "annual" rates, on account of having defective plumbing in their houses, with its consequent waste of water. A certain class of property which has been rated relatively high will undoubtedly pay less under the meter schedule, and another class which has been rated disproportionately low will pay more than heretofore. Whatever the result may be with regard to the income, the ad-

vantage will be gained of the establishment of rates on an equitable basis and the reduction of water waste, and if in the future it should be deemed necessary or advisable to increase the rates, the method would be simple and within the statutory powers of the mayor. Notwithstanding the large increase in the number of meters, the income from water rates in 1905 showed a gain of nearly \$1,000 over the previous year.

Eight hundred and thirty-four meters were set during the year, including 123 to commence operation January 1, 1906; of this number, the use of fourteen has been discontinued for non-occupancy of premises and other causes, making a net increase of 820. The total number now in the system is 2,092, as shown in the following table:—

METERS DECEMBER 31, 1905.

KIND	SIZE								Total.
	5/8"	3/4"	1"	1½"	2"	3"	4"	6"	
Nash . . .	172								172
Empire . . .	1								1
Crown . . .	5	6	3	2	1	1	1	1	20
Gem . . .							1		1
Hersey . . .			5	1	2	3			11
Hersey Disc	215	16	5	1	3				240
Torrent . . .								1	1
Trident . . .	165	45	23	6	6	1	1		247
Crest . . .					1				1
Union . . .	18	11	7	1	5	1	1		44
Union Special		15	4	2					21
Columbia . . .	93								93
King . . .	66								66
Lambert . . .	971	106	9						1,086
Worthington Disc . . .	78								78
Totals . . .	1,784	199	56	13	18	6	4	2	2,082
Motor and ele- vator registers									10
									2,092

Metropolitan Water.

The annual assessments paid by this city as its proportionate part of the cost and operation of the metropolitan water works are given below:—

Year.	Sinking Fund.	Maintenance.	Interest.	Total.
1898	No division made			\$14,250 19
1899	"	"	"	20,975 58
1900	"	"	"	28,689 24
1901	\$12,491 73	\$12,033 79	\$32,291 24	56,816 76
1902	19,014 85	12,955 64	30,427 40	62,397 89
1903	15,748 56	12,763 10	48,776 77	77,288 43
1904	16,404 42	15,393 87	54,938 64	86,736 93
1905	21,358 11	13,666 71	55,535 91	90,560 73

\$437,715 75

There has been credited to the city by the commonwealth as its proportion of the amounts received from entrance fees, water supplied outside the district, and water furnished to water companies the sum of \$8,255.80.

The daily consumption of water in Somerville, as recorded by the Venturi meters, operated by the metropolitan water and sewerage board, is shown below by months for the year 1905:—

Month.	Gallons.	Month.	Gallons.
January	6,622,600	July	6,806,700
February	7,565,000	August	6,240,100
March	5,935,600	September	5,951,400
April	5,485,300	October	5,813,600
May	5,896,300	November	5,538,000
June	6,077,100	December	5,965,700

The total consumption for the year is 2,248,741,000 gallons, making an average daily consumption of 6,160,900 gallons.

The following table shows the daily per capita consumption of water in the cities and towns in the metropolitan water district for the year 1905, as registered by the metropolitan meters:—

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For the Year
Boston	153	168	146	134	137	140	144	148	147	145	144	153	151
Somerville	92	105	82	76	81	84	93	90	85	83	80	85	89
Malden	46	49	46	44	46	47	50	53	54	54	52	54	53
Chelsea	150	168	126	99	93	96	97	93	91	88	88	99	110
Everett	104	114	93	87	83	84	81	77	77	79	79	82	89
Quincy	97	106	101	99	105	107	118	118	112	111	113	102	109
Medford	80	88	79	76	86	90	98	102	99	94	89	90	97
Melrose	102	113	106	101	107	109	117	109	114	108	109	118	112
Revere	77	91	69	66	67	71	80	84	77	65	61	67	78
Watertown	57	62	64	59	68	72	80	82	79	73	67	65	70
Arlington	71	79	70	65	80	84	107	87	78	73	65	69	81
Milton	34	35	35	36	46	41	51	45	41	44	36	37	43
Winthrop	96	110	91	94	99	103	124	135	114	94	87	97	113
Stoneham	80	97	84	82	93	89	93	80	81	71	64	64	81
Belmont	34	50	50	47	60	55	75	87	58	51	48	37	61
Swampscott	74	79	70	70	73	86	113	112	83	74	73	92	88
Lexington	77	80	76	75	80	81	105	88	76	74	65	54	74
Nahant	49	63	41	49	60	62	87	77	62	47	71	66	74
Total	134	144	124	114	118	120	125	128	126	123	122	129	129

The district, in order of per capita consumption, beginning with the lowest, stands as follows:—

1—Milton	43	8—Swampscott	83
2—Malden	53	9—Somerville	89
3—Belmont	61	9—Everett	89
4—Watertown	70	10—Medford	97
5—Lexington	74	11—Quincy	109
5—Nahant	74	12—Chelsea	110
6—Revere	78	13—Melrose	112
7—Arlington	81	14—Winthrop	113
7—Stoneham	81	15—Boston	151

About fifteen gallons per capita per day of Somerville's consumption is for commercial purposes, leaving seventy-four gallons per capita for public and domestic use and waste. Of the ten cities and towns standing lower in consumption than Somerville, two are entirely metered, two are very largely metered, and the remainder are residential towns, with very little or no manufacturing.

The metropolitan meter at Webster avenue has been enlarged to one of twenty-four-inch diameter, with a throat of eight inches. The meter at Broadway, near Marshall street, and that at Willow avenue, near Elm street, have been closed during the year, the city being now supplied through four meters in the low-service district and two in the high-service system. The water furnished by the metropolitan works has continued of good quality throughout the year. The great dam at Clinton has been completed, and the Wachusett reservoir is practically finished, and is now filling with water.

Appendix.

Appended hereto are tables giving further information and details concerning the work of the department during the year; also locations of hydrants and other fixtures connected with the water works.

FRANK E. MERRILL,
Water Commissioner.

LOCATIONS OF NEW MAINS LAID, LENGTH AND SIZE, NUMBER OF GATES, HYDRANTS, ETC., SET IN 1905.—Concluded.

NAME OF STREET.	DESCRIPTION OF WORK.	PIPE LAID.		GATES SET.		HYDRANTS SET.		BLOW-OFFS.		WATER POSTS.
		Size.	No. Feet.	Size.	No.	Kind.	No.	Size.	No.	
Pritchard avenue	Brought forward		2,748		10		11		1	1
Russell road	Street main; from connection with main at south line Frederick avenue to connection with main in Boston avenue.	6"	531	6"						
Sawyer avenue	Street main; from point 352' north from Broadway to point 496' north from Broadway.	8"	144		2	Holyoke	2			
Skilton avenue	Street main; from 12' west from west line Packard avenue to 197' west from west line Packard avenue.	6"	7			Corey	1			
Talbot avenue	Street main; from main in Pearl street to south line Pearl street.	12"	185							
Teele avenue	Street main; from connection with old main to point 108' east from east line of Latin way.	6"	35		1					
Ware street	Street main; from west line Packard avenue to point 48' west from west line Packard avenue.	12"	51							
Washington street	Street main; from main in old Ware street to south line Powder House boulevard.	6"	48							
	Hydrant.	6"	273	6"	2	Holyoke	1			
		6"	11							
	Total		4,047		15		15		1	1

WATER DEPARTMENT.

Location and Length of Pipes Relaid, Gates and Hydrants Reset, 1905.

NAME OF STREET.	DESCRIPTION OF WORK.	PIPE LAID.			GATES.				HYDRANTS.			
		Aband.	Relaid.	No. feet.	Aband.		Reset.		Aband.	No.	Reset.	No.
					Size.	No.	Size.	No.				
Aldrich street	Pipe renewal; connection with Pearl street	4"	6"	37	4"	1	6"	1	Holyoke	1	Mathews	1
Arthur street	Hydrant renewal	6"	6"	2					Holyoke	1	Holyoke	1
Cottage avenue	Hydrant renewal	6"	6"	7					Chapman	1	Mathews	1
Dana street	Pipe renewal; connection with Pearl street	6"	6"	10					Chapman	1	Chapman	1
Dana street	Hydrant removal from Pearl street	6"	8"	7								
Gilman terrace	Pipe renewal; connection with Pearl street	4"	6"	6								
Jasper street	Pipe renewal; connection with Pearl street	4"	6"	5								
Main street	Hydrant renewal	6"	6"	14					Holyoke	1	Holyoke	1
Medford street.	Gate renewal	12"	12"	6	12"	1	12"	1	Chapman	1	P. & C.	1
Oak street	Hydrant renewal	6"	6"	5								
Paulina street	Waterpost removal from Holland street	11 1/4"	2"	14	2"	1	2"	1				
Pearl place	Pipe renewal; connection with Pearl street	11 1/4"	2"	14	11 1/4"	1	2"	1				
Pearl street	Pipe renewal; from 46' east from Walnut street to 12' west from Cross street	6"	16"	1,466	6"	2	16"	2				
Pearl street	Hydrant renewal and removals	6"	6"	16					Holyoke	1	Mathews	1
Pearl terrace	Pipe renewal; connection with hydrant branch on Pearl street	2"	6"	12					{ Holyoke Chapman Mathews	1	Mathews	1
Webster avenue	Hydrant renewal	6"	6"	4					P. & C.	1	Holyoke	1
Wesley street	Pipe renewal; connection with Pearl street	6"	6"	5								
Wigglesworth st.	Pipe renewal; connection with Pearl street	6"	8"	7								
Wigglesworth st.	Hydrant removal from Pearl street	6"	6"	8							Mathews	1
	Total			1,631		6		6		8		8

Hydrants — Construction Account.

New hydrants have been set in the following locations:—

Bay State avenue, 7 feet south from Mallett street, 6-inch Mathews.
 Bay State avenue, 39 feet south from Broadway, 6-inch Mathews.
 Boston avenue, 11 feet east from Pearson avenue, 6-inch Mathews.
 Delaware street, 8 feet south from Pearl street, 6-inch Mathews.
 Highland road, 83 feet south from Frederick avenue, 6-inch Mathews.
 Highland road, 175 feet north from Frederick avenue, 6-inch Mathews.
 Highland road, 221 feet south from Boston avenue, 6-inch Corey.
 Ossipee road, 177 feet east from Curtis street, 6-inch Holyoke.
 Ossipee road, 139 feet west from Packard avenue, 6-inch Holyoke.
 Pearson avenue, 44 feet south from Frederick avenue, 6-inch Holyoke.
 Pearson avenue, 308 feet north from Frederick avenue, 6-inch Holyoke.
 Pritchard avenue, 46 feet north from Frederick avenue, 6-inch Holyoke.
 Pritchard avenue, 168 feet south from Boston avenue, 6-inch Holyoke.
 Russell road, 312 feet north from Broadway, 6-inch Corey.
 Washington street, 15 feet east from Perry street, 6-inch Holyoke.

Hydrants — Renewal Account.

The following changes have been made in the kind and location of hydrants:—

Arthur street, 6-inch Mathews hydrant, set 29 feet south from Broadway, and 6-inch Holyoke hydrant removed from same location.
 Cottage avenue, 6-inch Holyoke hydrant, set 206 feet west from Russell street, and 6-inch Chapman hydrant removed from same location.
 Dana street, 6-inch Chapman hydrant, set 18 feet north from Pearl street, and 6-inch Chapman hydrant removed from Pearl street, 30 feet west from Dana street.
 Main street, 6-inch Holyoke hydrant, set 5 feet west from Moreland street, and 6-inch Holyoke hydrant removed from west corner of Moreland street.
 Oak street, 6-inch Pratt & Cady hydrant, set 315 feet north from Houghton street, and 6-inch Chapman hydrant removed from same location.
 Pearl street, 6-inch Mathews hydrant, set 3 feet east from Pearl terrace, and 6-inch Mathews hydrant removed from 15 feet east from Delaware street.
 Webster avenue, 6-inch Holyoke hydrant, set 25 feet north from Newton street, and 6-inch Pratt & Cady hydrant removed from same location.
 Wigglesworth street, 6-inch Mathews hydrant, set 14 feet north from Pearl street, and 4-inch Holyoke hydrant removed from Pearl street, 1 foot west from Wigglesworth street.

Hydrants — Recapitulation.

Number of public hydrants set in 1905	23
“ “ private “ “ “ “	2
Total number of hydrants set in 1905	25
Number of hydrants removed in 1905	8
Net increase in number of public hydrants, 1905	15
“ “ “ “ private “ “	2
Total net increase in number of hydrants, 1905	17
Total number of public hydrants in the city	1,001
“ “ “ private hydrants	49
Total number of all hydrants in the city December 31, 1905	1,050

Locations of Hydrants.

- Adams street, 11 feet south from Broadway.
 Adams street, 221 feet south from Broadway.
 Adams street, 266 feet north from Medford street.
 Adams street, 10 feet north from Medford street.
 Adrian street, 93 feet east from Marion street.
 Adrian street, 220 feet south from Joseph street.
 Allen street, 9 feet north from Charlestown street.
 Allen street, 45 feet west from Somerville avenue.
 Allen street, 323 feet west from Somerville avenue.
 Albion street, 396 feet west from Central street.
 Albion street, 15 feet west from Centre street.
 Albion street, 217 feet east from Lowell street.
 Albion street, 7 feet west from 110 Albion street.
 Albion street, 444 feet east from Cedar street.
 Aldersey street, 276 feet west from Walnut street.
 Alpine street, 280 feet east from Cedar street.
 Alpine street, 76 feet west from Princeton street.
 Alpine street, 298 feet west from Lowell street.
 Alston street, 212 feet east from Cross street.
 Alston street, 10 feet west from Shawmut place.
 Ames street, 123 feet west from Central street.
 Appleton street, 3 feet east from Clifton street.
 Appleton street, 41 feet west from Willow avenue.
 Arlington street, 36 feet east from Hathorn street.
 Arthur street, 29 feet south from Broadway.
 Ash avenue, 300 feet north from Meacham street.
 Ashland street, 268 feet south from Summer street.
 Auburn avenue, 239 feet west from Cross street.
 Auburn avenue, 481 feet west from Cross street.
 Austin street, 81 feet south from Mystic avenue.
 Austin street, 66 feet north from Benedict street.
 Austin street, 2 feet north from Broadway.
 Avon street, 233 feet east from Central street.
 Avon street, 572 feet west from School street.
 Avon street, 270 feet west from School street.
 Banks street, 310 feet south from Summer street.
 Bartlett street (Ward 1), 130 feet south from Washington street.
 Bartlett street (Ward 5), 230 feet south from Broadway.
 Bartlett street (Ward 5), 223 feet north from Medford street.
 Bartlett street (Ward 5), 15 feet south from Ames street.
 Bartlett street (Ward 5), 10 feet south from Robinson street.
 Bay State avenue, 7 feet south from Mallett street.
 Bay State avenue, 39 feet south from Broadway.
 Beacon street, 316 feet west from Greenwood terrace.
 Beacon street, 10 feet east from Stanford terrace.
 Beacon street, 46 feet west from Sacramento street.
 Beacon street, south side Beacon street, 40 feet east from Sacramento street.
 Beacon street, south side Beacon street, 2 feet west from Beckwith circle.
 Beacon street, 15 feet west from Kent street.
 Beacon street, 4 feet west from Ivaloo street.
 Beacon street, 68 feet east from Park street.
 Beacon street, 18 feet east from Durham street.
 Beacon street, 26 feet east from Washington street.
 Beacon street, 90 feet east from Calvin street.
 Beacon street, 194 feet east from Calvin street.
 Beacon street, 28 feet west from Buckingham street.
 Beacon street, 208 feet east from Buckingham street.
 Beacon street, 6 feet east from Concord avenue.

Beech street, 4 feet south from Atherton street.
Beech street, 31 feet east from Spring street.
Belmont street, 206 feet north from Spring Hill terrace.
Belmont street, 241 feet north from Summer street.
Belmont street, 243 feet south from Summer street.
Belmont street, 10 feet north from Belmont place.
Belmont street, 222 feet south from Belmont place.
Belmont street, 185 feet north from Somerville avenue.
Benedict street, 33 feet east from Mystic street.
Bennett street, 166 feet east from Prospect street.
Benton road, 2 feet north from Cambria street.
Benton road, 28 feet south from Highland avenue.
Berkeley street, 8 feet east from Central street.
Berkeley street, 150 feet east from Hersey street.
Berkeley street, 28 feet west from School street.
Berkeley street, 212 feet west from Hersey street.
Billingham street, 126 feet north from William street.
Bolton street, 203 feet north from Houghton street.
Bolton street, 3 feet south from Oak street.
Bonair street, 26 feet west from Cross street.
Bonair street, 90 feet east from Autumn street.
Bonair street, 121 feet east from Arthur street.
Bonair street, 67 feet east from Dana street.
Bonair street, opposite Melvin street.
Bonair street, 117 feet east from Walnut street.
Bond street, 63 feet south from Jaques street.
Bonner avenue, 171 feet north from Washington street.
Boston avenue, 110 feet south from bridge over Mystic river.
Boston avenue, 492 feet north from Gove street.
Boston avenue, 65 feet north from Highland road.
Boston avenue, 11 feet east from Pearson avenue.
Boston street, 11 feet west from Prospect Hill avenue.
Boston street, 207 feet west from Bigelow street.
Boston street, 87 feet east from Bigelow street.
Boston street, 6 feet north from Munroe street.
Bow street, 102 feet north from Warren avenue.
Bow street, 23 feet west from Wesley park.
Bow street, 25 feet east from Bow-street place.
Bow street, 74 feet north from Walnut street.
Bow-street place, 193 feet west from Bow street.
Bowdoin street, 65 feet north from Fremont avenue.
Bradley street, 26 feet south from Veazie street.
Brastow avenue, 202 feet east from Porter street.
Brastow avenue, 115 feet west from Lowell street.
Broadway, 50 feet east from Mt. Pleasant street.
Broadway, 20 feet west from George street.
Broadway, 21 feet west from Broadway place.
Broadway, 83 feet east from Cutter street.
Broadway, 7 feet east from Glen street.
Broadway, 21 feet east from Rush street.
Broadway, 15 feet west from Cross street.
Broadway, 7 feet west from Autumn street.
Broadway, 6 feet west from Montgomery avenue.
Broadway, 33 feet west from Walnut street.
Broadway, 4 feet east from Sargent avenue.
Broadway, 3 feet west from Melvin street.
Broadway, 157 feet west from Grant street.
Broadway, 117 feet east from Marshall street.
Broadway, 62 feet west from Marshall street.
Broadway, 4 feet west from School street.

Broadway, 10 feet west from Thurston street.
Broadway, 209 feet east from Central street.
Broadway, 104 feet west from Norwood avenue.
Broadway, 288 feet east from Cedar street.
Broadway, opposite Cedar street.
Broadway, 5 feet east from Wilson avenue.
Broadway, 252 feet west from Wilson avenue.
Broadway, 115 feet west from Rogers avenue.
Broadway, 236 feet west from Liberty avenue.
Broadway, 175 feet west from College avenue.
Broadway, 6 feet west from Billingham street.
Broadway, 9 feet west from Packard avenue.
Broadway, 32 feet east from Westminster street.
Broadway, 237 feet east from Endicott avenue.
Broadway, 6 feet west from Endicott avenue.
Broadway, 9 feet west from Garrison avenue.
Broadway, 330 feet west from Waterhouse street.
Broadway park, near the pond.
Brook street, 18 feet west from Rush street.
Browning road, 302 feet west from Sycamore street.
Browning road, 136 feet east from Central street.
Buckingham street, 2 feet south from Dimick street.
Burnside avenue, 259 feet north from Elm street.
Burnside avenue, 120 feet south from Summer street.
Calvin street, 186 feet south from Beacon street.
Cambria street, 131 feet west from Central street.
Cameron avenue, 166 feet south from Holland street.
Cameron avenue, opposite Mead street.
Cameron avenue, 26 feet south from Glendale avenue.
Campbell park, 258 feet west from Meacham road.
Cedar street, 226 feet south from Sartwell avenue.
Cedar street, 98 feet north from Sartwell avenue.
Cedar street, 61 feet north from Hall street.
Cedar street, 22 feet south from Highland avenue.
Cedar street, 12 feet north from Highland avenue.
Cedar street, 10 feet north from Albion street.
Cedar street, 124 feet south from Warwick street.
Cedar street, 50 feet north from Clyde street.
Cedar street, 24 feet south from Murdock street.
Cedar street, 270 feet south from Broadway.
Central street, 50 feet south from Broadway.
Central street, 6 feet north from Forster street.
Central street, 5 feet north from Pembroke street.
Central street, 187 feet south from Vernon street.
Central street, 9 feet north from Willoughby street.
Central street, 92 feet north from Highland avenue.
Central street, 9 feet south from Highland avenue.
Central street, 6 feet north from Oxford street.
Central street, 23 feet south from Avon street.
Central street, 14 feet south from Summer street.
Chandler street, 16 feet south from Broadway.
Chandler street, 206 feet north from Park avenue.
Chapel street, 14 feet east from Chandler street.
Charles street, 183 feet south from Washington street.
Charnwood road, 79 feet west from Hancock street.
Cherry street, 7 feet south from Sartwell avenue.
Cherry street, 254 feet north from Sartwell avenue.
Cherry street, 252 feet north from Summer street.
Cherry street, 26 feet south from Highland avenue.
Chester street, 15 feet north from Chester place.

- Chestnut street, 480 feet south from Poplar street.
- Chestnut street, 246 feet south from Poplar street.
- Church street, 9 feet south from Summer street.
- Church street, 300 feet south from Summer street.
- Church street, 16 feet south from Somerville avenue.
- Church street, 29 feet north from Somerville avenue.
- Church street, 12 feet north from Lake street.
- Claremon street, 255 feet south from Holland street.
- Clarendon avenue, 253 feet south from Broadway.
- Clarendon avenue, opposite house No. 66.
- Clarendon avenue, near Cambridge line.
- Clark street, 200 feet west from Newton street.
- Clark street, 412 feet west from Newton street.
- Cleveland street, 192 feet west from Central street.
- Clyde street, 250 feet east from Cedar street.
- Clyde street, opposite Murdock street.
- Columbia street, 3 feet south from Beach avenue.
- Columbia street, 8 feet south from Columbia court.
- College avenue, 12 feet north from Winter street.
- College avenue, 6 feet south from Morrison avenue.
- College avenue, 8 feet south from Hall avenue.
- College avenue, 53 feet west from Francesca avenue.
- College avenue, opposite Kenwood street.
- College avenue, 100 feet west from Broadway.
- College avenue, 405 feet north from Broadway.
- College avenue, 720 feet north from Broadway.
- Columbus avenue, 7 feet north from Washington street.
- Columbus avenue, 150 feet east from Bonner avenue.
- Columbus avenue, 118 feet west from Bonner avenue.
- Columbus avenue, 35 feet west from Stone avenue.
- Columbus avenue, 8 feet east from Walnut street.
- Concord avenue, 154 feet west from Prospect street.
- Concord avenue, 76 feet east from Concord square.
- Concord avenue, on east line of Knapp school.
- Concord avenue, 313 feet east from Springfield street.
- Concord avenue, 24 feet east from Springfield street.
- Concord avenue, 7 feet east from Marion street.
- Concord avenue, 6 feet south from Hammond street.
- Concord avenue, 20 feet east from Wyatt street.
- Conwell avenue, 20 feet west from Curtis street.
- Conwell avenue, 460 feet west from Curtis street.
- Conwell street, 6 feet south from Highland avenue.
- Conwell street, 3 feet north from Francis street.
- Cooney street, 98 feet north from Line street.
- Cottage avenue, 206 feet west from Russell street.
- Craigie street, 216 feet south from Summer street.
- Craigie street, 232 feet north from Kimball street.
- Craigie street, 77 feet south from Kimball street.
- Craigie street, 126 feet north from Somerville avenue.
- Crescent street, 80 feet south from Hadley place.
- Crocker street, 4 feet south from Highland avenue.
- Crocker street, 8 feet north from Crown street.
- Cross street, 6 feet north from Pearl street.
- Cross street, 32 feet north from Cross-street place.
- Cross street, 62 feet north from Flint street.
- Cross street, 16 feet north from Gilman street.
- Cross street, 13 feet south from Auburn avenue.
- Cross street, 39 feet north from Alston street.
- Curtis avenue, 206 feet west from Curtis street.
- Curtis street, 6 feet north from Broadway.
- Curtis street, 3 feet south from Electric avenue.

Curtis street, 137 feet north from Ware street.
Curtis street, 3 feet south from Raymond avenue.
Curtis street, 34 feet south from Professors row.
Curtis street, 225 feet north from Professors row.
Cutter avenue, 11 feet south from Highland avenue.
Cutter square, 95 feet west from Cutter avenue.
Cutter street, 95 feet south from Broadway.
Cutter street, 444 feet south from Broadway.
Dana street, 18 feet north from Pearl street.
Dane avenue, 162 feet west from Leland street.
Dane avenue, 169 feet east from Dane street.
Dane street, 9 feet north from Tyler street.
Dane street, 260 feet south from Skehan street.
Dane street, 55 feet north from Skehan street.
Dartmouth street, 184 feet south from Broadway.
Dartmouth street, 200 feet north from Evergreen avenue.
Dartmouth street, 53 feet south from Evergreen avenue.
Dartmouth street, 171 feet north from Medford street.
Davis square, 45 feet east from Day street.
Day street, 10 feet south from Davis square.
Day street, opposite Herbert street.
Day street, 195 feet south from Herbert street.
Day street, 4 feet north from Orchard street.
Dell street, 255 feet west from Glen street.
Delaware street, 246 feet east from Aldrich street.
Delaware street, 8 feet south from Pearl street.
Derby street, 400 feet east from Temple street.
Dickinson street, 20 feet east from Beacon street.
Dickinson street, 7 feet north from Leon street.
Dover street, 22 feet south from Davis square.
Dover street, 203 feet south from Davis square.
Dover street, 312 feet north from Orchard street.
Dover street, 3 feet north from Orchard street.
Durham street, opposite Skehan street.
Durham street, 5 feet west from Hanson street.
Earle street, 4 feet east from Ward street.
Eastman place, 279 feet south from Highland avenue.
Edmands street, 15 feet south from Broadway.
Ellsworth street, 7 feet west from Rush street.
Elm street, 59 feet west from Craigie street.
Elm street, 17 feet west from Porter street.
Elm street, 28 feet east from Linden avenue.
Elm street, 11 feet east from Mossland street.
Elm street, 9 feet west from Cedar street.
Elm street, 153 feet east from Cherry street.
Elm street, 110 feet west from Cherry street.
Elm street, 14 feet east from Burnside avenue.
Elm street, 104 feet east from Willow avenue.
Elm street, 20 feet east from St. James avenue.
Elm street, 9 feet west from Elston street.
Elm street, 90 feet west from Windom street.
Elm street, 30 feet west from Russell street.
Elm street, 11 feet west from Grove street.
Elm street, 82 feet west from Chester street.
Elmwood street, 9 feet south from Holland street.
Elmwood street, 300 feet east from Harrison street.
Elmwood street, 85 feet west from Harrison street.
Eliot street, 3 feet east from Park street.
Endicott avenue, 422 feet south from Broadway.
Evergreen avenue, 8 feet east from School street.

Evergreen avenue, 114 feet east from Sycamore street.
Everett avenue, 5 feet west from Cross street.
Everett avenue, 9 feet east from Dana street.
Everett avenue, 449 feet west from Cross street.
Everett street, opposite Emerson street.
Fairlee street, 134 feet west from Cherry street.
Fairmount avenue, 280 feet west from Curtis street.
Fairmount avenue, opposite Watson street.
Farm lane, 70 feet north from Summer street.
Farm lane, 67 feet south from Roberts street.
Farragut avenue, 258 feet south from Broadway.
Farragut avenue, 537 feet south from Broadway.
Fellsway East, 7 feet north from Broadway.
Fellsway West, 11 feet north from Broadway.
Fellsway West, 437 feet south from Mystic avenue.
Fenwick street, 40 feet north from Broadway.
Fiske avenue, 120 feet east from Hinckley street.
Fitchburg street, 395 feet east from Linwood street.
Flint street, 18 feet east from Flint avenue.
Flint street, 59 feet east from Cross street.
Flint street, 30 feet west from Franklin street.
Florence street, 206 feet south from Perkins street.
Florence street, 7 feet south from Pearl street.
Florence street, 453 feet north from Washington street.
Forster street, opposite Tennyson street.
Fosket street, 6 feet west from Bay State avenue.
Francesca avenue, 305 feet east from College avenue.
Francesca avenue, 7 feet west from Liberty avenue.
Franklin street, 14 feet north from Arlington street.
Franklin street, 55 feet north from Perkins street.
Franklin street, 76 feet south from Webster street.
Franklin street, 156 feet south from Pearl street.
Franklin street, 80 feet south from Oliver street.
Franklin street, 87 feet south from Palmer avenue.
Franklin street, 29 feet north from Washington street.
Fremont street, 82 feet north from Main street.
Fremont street, 343 feet north from Main street.
Fremont street, opposite Meacham street.
Fremont street, 287 feet north from Meacham street.
Fremont street, 25 feet north from East Albion street.
Frost avenue, 75 feet east from Sherman street.
Fountain avenue, 280 feet west from Glen street.
Garden court, 357 feet south from Somerville avenue.
Garfield avenue, 7 feet north from Broadway.
Garfield avenue, 24 feet south from Mystic avenue.
Garrison avenue, 235 feet south from Broadway.
Gibbens street, 202 feet west from Central street.
Gibbens street, 129 feet west from Benton road.
Gilman square, opposite Marshall street.
Gilman street, 103 feet east from Walnut street.
Gilman street, 143 feet east from Jasper street.
Gilman street, 8 feet west from Aldrich street.
Gilman street, 176 feet east from Aldrich street.
Gilman street, 295 feet west from Cross street.
Glass-house court, 360 feet west from Water street.
Glen street, 147 feet south from Broadway.
Glen street, 8 feet north from Brook street.
Glen street, 6 feet north from Webster street.
Glen street, 1 foot north from Flint street.
Glen street, 11 feet north from Fountain avenue.
Glendale avenue, 80 feet west from Cameron avenue.

Glendale avenue, 8 feet east from Yorktown street.
Glenwood road, 224 feet south from Broadway.
Glenwood road, 16 feet north from Vernon street.
Glenwood road, 320 feet north from Vernon street.
Glenwood road, 467 feet north from Vernon street.
Gorham street, 310 feet south from Holland street.
Gorham street, 67 feet north from Howard street.
Grand View avenue, 286 feet east from Vinal avenue.
Granite street, 178 feet north from Somerville avenue.
Grant street, 2 feet north from Derby street.
Greene street, 295 feet south from Summer street.
Greenville street, 148 feet north from Boston street.
Greenville street, 33 feet north from Munroe street.
Grove street, 163 feet south from Highland avenue.
Hall avenue, 310 feet east from College avenue.
Hall avenue, 306 feet west from Liberty avenue.
Hall avenue, 9 feet west from Liberty avenue.
Hall street, 269 feet west from Cedar street.
Hamlet street, 321 feet south from Highland avenue.
Hammond street, 30 feet west from Dickinson street.
Hancock street, 258 feet south from Summer street.
Hanson street, 12 feet south from Village street.
Hanson street, 9 feet south from Nevada avenue.
Hanson street, 6 feet south from Skehan street.
Harvard street, 13 feet north from Beech street.
Harvard street, 23 feet north from Harvard place.
Harrison street, 77 feet east from Kent street.
Harrison street (Ward 7), 4 feet east from Elmwood street.
Hathorn street, 145 feet south from Broadway.
Hawkins street, 50 feet north from Lake street.
Hawthorne street, 8 feet east from Cutter avenue.
Hawthorne street, 209 feet east from West street.
Heath street, 3 feet west from Temple street.
Heath street, 308 feet west from West street.
Heath street, 100 feet west from Bond street.
Heath street, 4 feet east from Fenwick street.
Heath street, 5 feet east from Moreland street.
Henderson street, 107 feet north from Wilton street.
Herbert street, 163 feet west from Chester street.
Highland avenue, 28 feet west from Hamlet street.
Highland avenue, 5 feet east from Walnut street.
Highland avenue, 262 feet west from Walnut street.
Highland avenue, 80 feet east from Vinal avenue.
Highland avenue, 41 feet west from Putnam street.
Highland avenue, 75 feet west from Prescott street.
Highland avenue, 114 feet west from School street.
Highland avenue, 410 feet west from School street.
Highland avenue, 112 feet west from Trull lane.
Highland avenue, 171 feet east from Central street.
Highland avenue, 214 feet east from Spring Hill terrace.
Highland avenue, 23 feet west from Spring Hill terrace.
Highland avenue, 20 feet west from Belmont street.
Highland avenue, 4 feet east from Tower street.
Highland avenue, 2 feet east from Porter street.
Highland avenue, 212 feet east from Cedar street.
Highland avenue, 63 feet east from Cherry street.
Highland avenue, 35 feet east from Hancock street.
Highland avenue, 4 feet west from Hancock street.
Highland avenue, 44 feet east from Willow avenue.
Highland avenue, 3 feet west from Willow avenue.
Highland avenue, 59 feet east from West street.

Highland avenue, 36 feet west from West street.
Highland avenue, 36 feet east from Grove street.
Highland avenue, 6 feet west from Grove street.
Highland avenue, 218 feet west from Grove street.
Highland avenue, 64 feet east from Davis square.
Highland road, 264 feet north from Morrison avenue.
Highland road, 83 feet south from Frederick avenue.
Highland road, 175 feet north from Frederick avenue.
Highland road, 221 feet south from Boston avenue.
Hinckley street, 106 feet south from Broadway.
Holland street, 39 feet west from Dover street.
Holland street, 8 feet west from B. & M. R. R. crossing.
Holland street, 23 feet south from Winter street.
Holland street, 5 feet east from Jay street.
Holland street, 3 feet east from Paulina street.
Holland street, 94 feet east from Claremon street.
Holyoke road (E.), 167 feet south from Elm street.
Holyoke road (W.), 185 feet south from Elm street.
Homer square, 200 feet west from Bonner avenue.
Houghton street, 82 feet west from Prospect street.
Houghton street, 3 feet west from Bolton street.
Houghton street, 10 feet west from Oak street.
Howard street, 36 feet west from Thorndike street.
Howe street, 162 feet east from School street.
Hudson street, 12 feet east from Waldo street.
Hudson street, opposite Benton road.
Hudson street, 294 feet east from Lowell street.
Hudson street, 362 feet west from Lowell street.
Hudson street, 675 feet west from Lowell street.
Hudson street, 364 feet east from Cedar street.
Hudson street, 24 feet east from Cedar street.
Ibbetson street, 256 feet north from Somerville avenue.
Ibbetson street, 6 feet south from Kimball street.
Irving street, 6 feet south from Broadway.
Irving street, 285 feet south from Broadway.
Irving street, 542 feet north from Holland street.
Irving street, 190 feet north from Holland street.
James street, 100 feet north from Pearl street.
Jaques street, 10 feet west from Fellsway West.
Jaques street, 8 feet west from Grant street.
Jaques street, 360 feet east from Temple street.
Jaques street, 185 feet west from Temple street.
Jaques street, 410 feet east from Bond street.
Jasper street, 5 feet south from Virginia street.
Jay street, 82 feet north from Howard street.
Joseph street, 100 feet west from Adrian street.
Josephine avenue, 397 feet north from Morrison avenue.
Josephine avenue, 90 feet south from Frederick avenue.
Josephine avenue, 129 feet north from Frederick avenue.
Josephine avenue, 425 feet north from Frederick avenue.
Josephine avenue, 213 feet south from Broadway.
Joy street, 34 feet south from Washington street.
Joy street, 502 feet south from Washington street.
Joy street, 271 feet north from Poplar street.
Kensington avenue, 6 feet north from Broadway.
Kent court, 205 feet west from Kent street.
Kent street, 38 feet south from Somerville avenue.
Kidder avenue, 346 feet east from College avenue.
Kingman court, 282 feet south from Washington street.
Kingston street, 95 feet west from Thorndike street.
Knowlton street, opposite Morton street.

Lake street, 220 feet west from Hawkins street.
Lake street, 4 feet east from Carlton street.
Laurel street, 50 feet north from Greene street.
Laurel street, 8 feet north from Park place.
Lawrence street, 9 feet south from Richardson street.
Leland street, 14 feet south from Dane avenue.
Lexington avenue, 3 feet west from Hancock street.
Lexington avenue, 4 feet east of Henry avenue.
Liberty avenue, 3 feet north from Kidder avenue.
Liberty avenue, 12 feet north from Mallett street.
Lincoln avenue, 206 feet west from Mt. Vernon street.
Lincoln parkway, 150 feet west from Joseph street.
Lincoln parkway, 290 feet east from Wyatt street.
Lincoln street, 38 feet south from Broadway.
Lincoln street, 174 feet north from Perkins street.
Linden avenue, 118 feet south from Gilson terrace.
Linden avenue, 255 feet south from Olive avenue.
Linden avenue, 30 feet north from Olive avenue.
Linden street, 31 feet north from Charlestown street.
Linden street, 237 feet south from Somerville avenue.
Line street, 272 feet west from Cooney street.
Line street, 100 feet west from Smith avenue.
Linwood street, 385 feet south from Washington street.
Linwood street, 12 feet north from Linwood terrace.
Linwood street, 48 feet south from Lamson court.
Linwood street, 125 feet north from London street.
Linwood street, 52 feet south from London street.
Linwood street, 2 feet south from Linwood place.
London street, 383 feet east from Linwood street.
Loring street, 276 feet north from Somerville avenue.
Lovell street, 41 feet south from Electric avenue.
Lowell street, 1 foot north from Fiske avenue.
Lowell street, 50 feet north from Richardson street.
Lowell street, 183 feet south from Richardson street.
Lowell street, 124 feet south from Wilton street.
Lowell street, opposite Vernon street.
Lowell street, 3 feet south from Princeton street.
Lowell street, 163 feet south from Highland avenue.
Lowell street, 53 feet north from Crown street.
Lowell street, 351 feet south from Summer street.
Lowell street, 16 feet north from Kimball street.
Madison street, 103 feet west from School street.
Madison street, 467 feet west from School street.
Main street, junction with Broadway.
Main street, 112 feet west from Mt. Vernon avenue.
Main street, 5 feet west from Moreland street.
Malloy court, 16 feet south from Somerville avenue.
Mansfield street, 190 feet north from Somerville avenue.
Mansfield street, 189 feet south from Washington street.
Maple avenue, 294 feet east from School street.
Maple street, 7 feet south from Jackson street.
Maple street, 87 feet north from Poplar street.
Marion street, 31 feet south from Adrian street.
Marion street, 74 feet north from Wyatt street.
Marshall street, 30 feet south from Stickney avenue.
Marshall street, 30 feet north from Stickney avenue.
Marshall street, opposite Howe street.
Marshall street, 5 feet north from Evergreen avenue.
Marshall street, 104 feet south from Mortimer place.
Marshall street, 109 feet north from Oakland avenue.
Meacham road, 4 feet north from Orchard street.

Meacham road, 97 feet north from Kingston street.
Meacham street, 14 feet west from Moreland street.
Mead street, 48 feet east from Claremon street.
Medford street, 50 feet north from Hennessey court.
Medford street, 56 feet north from Lowell street.
Medford street, 14 feet north from Glenwood road.
Medford street, 16 feet south from Bartlett street.
Medford street, 6 feet north from Central street.
Medford street, 19 feet south from Sycamore street.
Medford street, 15 feet south from Lee street.
Medford street, 46 feet south from Thurston street.
Medford street, 31 feet south from Dartmouth street.
Medford street, 5 feet north from School street.
Medford street, 171 feet north from Marshall street.
Medford street, 266 feet north from Walnut street.
Medford street, 17 feet south from Walnut street.
Medford street, 291 feet south from Walnut street.
Medford street, 8 feet south from Greenville street.
Medford street, 13 feet north from Prospect Hill avenue.
Medford street, 240 feet south from Prospect Hill avenue.
Medford street, opposite Chester avenue.
Medford street, 216 feet south from Washington street.
Medford street, 69 feet north from Jackson street.
Medford street, 21 feet north from Somerville avenue.
Medford street, 382 feet south from Somerville avenue.
Medford street, 220 feet north from Ward street.
Medford street, 55 feet north from Ward street.
Medford street, 91 feet south from Ward street.
Medford street, 46 feet south from South street.
Medford street, 17 feet south from Warren street.
Medford street, 220 feet south from Warren street.
Melrose street, 610 feet north from Mystic avenue.
Merriam street, 25 feet north from Charlestown street.
Miller street, 300 feet west from Sacramento street.
Miner street, 137 feet north from Vernon street.
Mondamin court, 272 feet west from Ivaloo street.
Monmouth street, 7 feet west from Central street.
Monmouth street, 156 feet east from Harvard street.
Montrose street, 10 feet east from Sycamore street.
Montrose street, 287 feet east from Sycamore street.
Montrose street, 259 feet west from School street.
Moore street, 22 feet south from Holland street.
Moore street, 335 feet south from Holland street.
Moore street, 21 feet north from Mead street.
Moreland street, 345 feet north from Meacham street.
Moreland street, 2 feet south from East Albion street.
Morgan street, 125 feet west from Park street.
Morrison avenue, 124 feet west from Cedar street.
Morrison avenue, 44 feet east from Pearson avenue.
Morrison avenue, 124 feet east from Rogers avenue.
Morrison avenue, 13 feet west from Newberne street.
Morrison avenue, 183 feet west from Clifton street.
Morrison avenue, 33 feet west from Grove street.
Mossland street, 114 feet north from Somerville avenue.
Mt. Pleasant street, 140 feet south from Broadway.
Mt. Pleasant street, 135 feet north from Perkins street.
Mt. Vernon avenue, 156 feet north from Heath street.
Mt. Vernon avenue, 38 feet south from Heath street.
Mt. Vernon street, 246 feet north from Washington street.
Mt. Vernon street, 8 feet north from Pearl street.
Mt. Vernon street, 7 feet south from Perkins street.

Mt. Vernon street, 11 feet south from Lincoln avenue.
Mt. Vernon street, 5 feet south from Broadway.
Munroe street, 203 feet east from Walnut street.
Munroe street, 6 feet west from Bigelow street.
Munroe street, 289 feet west from Boston street.
Murdock street, 204 feet east from Cedar street.
Murdock street, 610 feet east from Cedar street.
Museum street, 174 feet west from Beacon street.
Myrtle street, 218 feet north from Washington street.
Myrtle street, 460 feet north from Washington street.
Myrtle street, 74 feet south from Pearl street.
Myrtle street, 219 feet north from Pearl street.
Mystic avenue, 90 feet east from Union street.
Mystic avenue, 3 feet west from Union street.
Mystic avenue, 438 feet east from Austin street.
Mystic avenue, 11 feet west from Fellsway West.
Mystic avenue, 60 feet west from Temple street.
Mystic avenue, 25 feet east from Melrose street.
Mystic avenue, 800 feet east from Moreland street.
Mystic avenue, 544 feet east from Moreland street.
Mystic avenue, 241 feet east from Moreland street.
Mystic street (Ward 1), 148 feet north from Benedict street.
Mystic street (Ward 2), 160 feet south from Washington street.
Nashua street, 190 feet south from Wilton street.
Newbury street, 15 feet south from Holland street.
Newbury street, 260 feet south from Holland street.
Newbury street, 558 feet south from Holland street.
Newbury street, 777 feet south from Holland street.
Newbury street, 200 feet north from Cambridge line
New Cross street, 114 feet north from Broadway.
Newton street, 9 feet west from Joseph street.
Newton street, 9 feet east from Clark street.
Norfolk street, 27 feet south from Webster avenue.
Norfolk street, 227 feet south from Webster avenue.
North street, 18 feet north from Broadway.
North street, 13 feet north from south line of Russell road.
North street, 453 feet north from Raymond avenue.
North street, 190 feet north from city bound No. 17.
North Union street, 287 feet north from Mystic avenue.
Oak street, 8 feet west from Prospect street.
Oak street, 315 feet north from Houghton street.
Oakland avenue, 109 feet west from Marshall street.
Oliver street, 191 feet east from Cross street.
Oliver street, 15 feet east from Glen street.
Oliver street, 7 feet west from Franklin street.
Orchard street, 8 feet west from Russell street.
Orchard street, west corner Milton street.
Orchard street, 9 feet east from Chester street.
Ossipee road, 177 feet east from Curtis street.
Ossipee road, 139 feet west from Packard avenue.
Otis street, 12 feet west from Cross street.
Otis street, 440 feet west from Cross street.
Otis street, 9 feet east from Dana street.
Otis street, 6 feet east from Wigglesworth street.
Oxford street, 280 feet west from School street.
Oxford street, 46 feet east from Trull lane.
Oxford street, 237 feet west from Hersey street.
Park avenue, 83 feet west from College avenue.
Park avenue, 10 feet west from Chandler street.
Park street, opposite Allen court.

Park street, 187 feet north from Beacon street.
Park street, 69 feet south from Somerville avenue.
Partridge avenue, 5 feet south from Broadway.
Partridge avenue, 26 feet north from Medford street.
Partridge avenue, 117 feet south from Medford street.
Partridge avenue, 421 feet south from Medford street.
Partridge avenue, 276 feet north from Vernon street.
Paulina street, 184 feet north from Holland street.
Paulina street, 288 feet south from Broadway.
Paulina street, 5 feet south from Broadway.
Pearl street, 50 feet west from Crescent street.
Pearl street, 7 feet north from Pinckney street.
Pearl street, 29 feet east from Franklin street.
Pearl street, opposite Hillside avenue.
Pearl street, 15 feet west from Glen street.
Pearl street, 90 feet east from Cross street.
Pearl street, 3 feet east from Pearl terrace.
Pearl street, 6 feet west from Walnut street.
Pearl street, 72 feet east from Bradley street.
Pearl street, 110 feet east from Marshall street.
Pearson avenue, 309 feet north from Morrison avenue.
Pearson avenue, 44 feet south from Frederick avenue.
Pearson avenue, 308 feet north from Frederick avenue.
Pearson road, 127 feet north from Broadway.
Pembroke street, 14 feet east from Tennyson street.
Perkins street, opposite Myrtle street.
Perkins street, 78 feet east from Florence street.
Perkins street, 24 feet east from Pinckney street.
Perkins street, 56 feet east from Perkins place.
Perkins street, 21 feet east from Mt. Pleasant street.
Perry street, 324 feet south from Washington street.
Pinckney street, 11 feet north from Washington street.
Pinckney street, 330 feet south from Pearl street.
Pinckney street, 71 feet south from Pearl street.
Pinckney street, 203 feet north from Pearl street.
Pitman street, 180 feet west from Beech street.
Pleasant avenue, 256 feet west from Walnut street.
Poplar street, 21 feet west from Joy street.
Poplar street, 22 feet east from Linwood street.
Porter street, 1 foot north from Mountain avenue.
Porter street, 282 feet south from Summer street.
Porter street, 24 feet north from Williams court.
Porter street, 8 feet north from Parker place.
Powder House boulevard, 191 feet west from Packard avenue.
Powder House boulevard, 172 feet east from Curtis street.
Powder House boulevard, 197 feet west from Curtis street.
Powder House boulevard, 528 feet west from Curtis street.
Prescott street, 330 feet south from Highland avenue.
Prescott street, 586 feet south from Highland avenue.
Prescott street, 257 feet north from Summer street.
Preston road, 269 feet west from School street.
Preston road, 166 feet south from Summer street.
Pritchard avenue, 255 feet north from Morrison avenue.
Pritchard avenue, 46 feet north from Frederick avenue.
Pritchard avenue, 168 feet south from Boston avenue.
Professors row, 39 feet east from College avenue.
Professors row, 158 feet west from Boston avenue.
Professors row, 126 feet west from College avenue.
Professors row, 291 feet west from College avenue.
Professors row, 548 feet east from Packard avenue.
Professors row, 156 feet east from Packard avenue.

Professors row, 3 feet west from Packard avenue.
Professors row, 296 feet west from Packard avenue.
Professors row, 113 feet east from Curtis street.
Prospect Hill avenue, 10 feet north from Munroe street.
Prospect street, 135 feet north from Bennett street.
Prospect street, 35 feet south from Concord avenue.
Prospect street, 185 feet south from Oak street.
Prospect street, 403 feet south from Oak street.
Prospect street, 63 feet north from Houghton street.
Putnam street, 116 feet south from Highland avenue.
Putnam street, 420 feet south from Highland avenue.
Putnam street, 612 feet north from Summer street.
Putnam street, 308 feet north from Summer street.
Putnam street, 46 feet north from Summer street.
Quincy street, 91 feet north from Somerville avenue.
Quincy street, 381 feet north from Somerville avenue.
Quincy street, 26 feet south from Summer street.
Raymond avenue, 728 feet west from Curtis street.
Richardson street, 11 feet west from Nashua street.
Richdale avenue, opposite Thurston street.
Robinson street, 325 feet west from Central street.
Rogers avenue, 369 feet south from Broadway.
Rogers avenue, 257 feet north from Frederick avenue.
Rogers avenue, 88 feet south from Frederick avenue.
Rogers avenue, 255 feet north from Morrison avenue.
Rossmore street, 244 feet south from Washington street.
Rush street, 84 feet south from Pearl street.
Rush street, 11 feet north from Pearl street.
Rush street, 128 feet north from Brook street.
Russell road, 11 feet north from Broadway.
Russell road, 312 feet north from Broadway.
Sacramento street, 5 feet south from Miller street.
Sacramento street, 142 feet south from Beacon street.
Sanborn avenue, 55 feet east from Walnut street.
Sargent avenue, 474 feet south from Broadway.
Sargent avenue, 361 feet west from Walnut street.
Sargent avenue, 95 feet west from Walnut street.
School street, 31 feet south from Oakland avenue.
School street, 100 feet south from Maple avenue.
School street, 6 feet south from Montrose street.
School street, 128 feet north from Highland avenue.
School street, 88 feet north from Oxford street.
School street, 15 feet north from Avon street.
School street, 100 feet south from Summer street.
School street, 93 feet south from Preston road.
School street, 61 feet north from Knapp street.
Sewall street, 311 feet west from Grant street.
Shawmut street, 9 feet west from Washington street.
Shawmut street, 153 feet west from Shawmut place.
Simpson avenue, 272 feet south from Broadway.
Simpson avenue, 142 feet north from Holland street.
Skehan street, 110 feet east from Hanson street.
Somerville avenue, 188 feet west from Mossland street.
Somerville avenue, 308 feet east from Mossland street.
Somerville avenue, 600 feet east from Mossland street.
Somerville avenue, 116 feet west from Elm street.
Somerville avenue, 9 feet east from Ibbetson street.
Somerville avenue, 77 feet east from Belmont street.
Somerville avenue, 14 feet west from Garden court.
Somerville avenue, 133 feet west from Kent street.
Somerville avenue, 13 feet west from Beech street.

Somerville avenue, 11 feet east from Central street.
 Somerville avenue, 2 feet west from Abdell street.
 Somerville avenue, 15 feet west from Laurel street.
 Somerville avenue, 86 feet west from Granite street.
 Somerville avenue, 38 feet west from Sherman street.
 Somerville avenue, 76 feet east from Hawkins street.
 Somerville avenue, 185 feet west from Hawkins street.
 Somerville avenue, 88 feet west from Quincy street.
 Somerville avenue, 105 feet east from Carlton street.
 Somerville avenue, 90 feet west from Prospect street.
 Somerville avenue, 28 feet west from Linden street.
 Somerville avenue, 9 feet east from Mystic street.
 Somerville avenue, 94 feet west from Mansfield street.
 Somerville avenue, 126 feet east from Medford street.
 Somerville avenue, 88 feet east from Poplar street.
 Somerville avenue, 464 feet east from Poplar street.
 Somerville avenue, 153 feet west from Linwood street.
 Somerville avenue, 20 feet east from F. R. R. crossing.
 Somerville avenue, 368 feet west from Franklin court.
 Somerville avenue, 262 feet west from Franklin court.
 Somerville avenue, 23 feet east from Franklin court.
 Somerville avenue, 100 feet west from Cambridge line.
 South street, 97 feet west from Bedford street.
 South street, 2 feet east from Harding street.
 South street, 25 feet west from Hunting street.
 South street, 80 feet west from Willow place.
 Spencer avenue, 290 feet west from Cedar street.
 Spencer avenue, 63 feet east from Hancock street.
 Spring street, 10 feet south from Pitman street.
 Spring street, 184 feet north from Beech street.
 Springfield street, 140 feet south from Concord avenue.
 Springfield street, 21 feet south from Dickinson street.
 Springfield street, 177 feet south from Houghton street.
 Spring Hill terrace, 333 feet south from Highland avenue.
 Stickney avenue, 212 feet west from Marshall street.
 Stone avenue, 120 feet north from Union square.
 Stone avenue, 275 feet south from Columbus avenue.
 Summer street, 148 feet east from Cutter avenue.
 Summer street, opposite Elston street.
 Summer street, west corner Hancock street.
 Summer street, 34 feet east from Banks street.
 Summer street, 6 feet east from Cherry street.
 Summer street, 6 feet east from Cedar street.
 Summer street, 24 feet east from Linden avenue.
 Summer street, opposite Craigie street.
 Summer street, 35 feet east from Porter street.
 Summer street, 4 feet east from Lowell street.
 Summer street, 3 feet east from Belmont street.
 Summer street, 1 foot west from Spring street.
 Summer street, 53 feet west from Harvard street.
 Summer street, 215 feet east from Harvard street.
 Summer street, 59 feet east from Central street.
 Summer street, 19 feet west from Laurel street.
 Summer street, 52 feet west from Preston road.
 Summer street, 191 feet west from School street.
 Summer street, 8 feet east from School street.
 Summit avenue, 231 feet east from Vinal avenue.
 Sunnyside avenue, 99 feet west from Wigglesworth street.
 Sycamore street, 18 feet south from Broadway.
 Sycamore street, 62 feet south from Browning road.
 Sycamore street, 1 foot south from Forster street.

Sycamore street, 200 feet north from Medford street.
Sycamore street, 174 feet south from Medford street.
Sydney street, 418 feet east from Temple street.
Talbot avenue, 488 feet east from Packard avenue.
Temple street, 4 feet north from Broadway.
Temple street, 123 feet south from Sewall street.
Temple street, 11 feet north from Jaques street.
Temple street, 6 feet south from Derby street.
Temple street, 5 feet south from Sydney street.
Tenney court, 306 feet north from Mystic avenue.
Tennyson street, 4 feet south from Medford street.
Tennyson street, 117 feet north from Pembroke street.
Thorndike street, 4 feet south from Holland street.
Thorndike street, 82 feet north from Kingston street.
Thorpe place, 269 feet south from Highland avenue.
Thurston street, 187 feet north from Medford street.
Thurston street, 160 feet south from Evergreen avenue.
Thurston street, 6 feet north from Evergreen avenue.
Thurston street, 348 feet north from Evergreen avenue.
Tower street, 18 feet north from Crown street.
Tremont street, 9 feet south from Webster avenue.
Tremont street, 454 feet south from Webster avenue.
Trull street, 3 feet south from Medford street.
Trull street, 276 feet south from Medford street.
Trull street, 522 feet north from Vernon street.
Trull street, 270 feet north from Vernon street.
Tufts street, 51 feet north from Washington street.
Tufts street, 150 feet south from Glen street.
Tufts street, 43 feet north from Glen street.
Tufts street, 53 feet south from Dell street.
Tufts street, 45 feet south from Cross street.
Tyler street, 31 feet east from Vine street.
Union square, 267 feet east from Webster avenue.
Union square, 15 feet east from Stone avenue.
Union square, 3 feet west from Bow street.
Union square, centre of square.
Union street, 3 feet north from Broadway.
Union street, 123 feet south from Mystic avenue.
Veazie street, 1 foot west from James street.
Vernon street, 72 feet west from Partridge avenue.
Vernon street, 1 foot east from Bartlett street.
Vernon street, 2 feet east from Miner street.
Victoria street, 255 feet south from Broadway.
Victoria street, 506 feet south from Broadway.
Victoria street, 151 feet north from Woodstock street.
Villa avenue, 121 feet south from Winslow avenue.
Vinal avenue, 6 feet south from Highland avenue.
Vinal avenue, 10 feet north from Pleasant avenue.
Vinal avenue, 129 feet north from Aldersey street.
Vinal avenue, 206 feet north from Summer street.
Vinal avenue, 15 feet north from Summer street.
Vine street, 15 feet north from Beacon street.
Vine street, opposite Eliot street.
Vine street, 121 feet south from Tyler street.
Vine street, 32 feet south from Somerville avenue.
Virginia street, 45 feet west from Aldrich street.
Waldo street, 6 feet north from Highland avenue.
Wallace street, 37 feet south from Broadway.
Wallace street, 395 feet south from Broadway.
Wallace street, 483 feet north from Park avenue.

Wallace street, 166 feet north from Park avenue.
Wallace street, 10 feet north from Holland street.
Walnut street, 88 feet south from Wellington avenue.
Walnut street, opposite Veazie street.
Walnut street, 87 feet north from Gilman street.
Walnut street, 31 feet north from Pleasant avenue.
Walnut street, 12 feet south from Boston street.
Walter street, 28 feet west from Walnut street.
Walter street, 50 feet west from Bradley street.
Ward street, 104 feet west from Medford street.
Ward street, 3 feet east from Emery street.
Ware street, 258 feet west from Curtis street.
Ware street, 638 feet west from Curtis street.
Warner street, 60 feet north from Broadway.
Warren avenue, 5 feet north from Sanborn avenue.
Warren avenue, 48 feet north from Bow street.
Warren avenue, 7 feet south from Columbus avenue.
Warwick place, 142 feet north from Warwick street.
Warwick street, 426 feet east from Cedar street.
Washington street, 69 feet west from Crescent street.
Washington street, 3 feet west from Waverley street.
Washington street, west corner Mt. Vernon street.
Washington street, 3 feet west from Murray street.
Washington street, 2 feet east from Bartlett street.
Washington street, 6 feet west from Florence street.
Washington street, 15 feet west from Myrtle street.
Washington street, 18 feet east from Franklin avenue.
Washington street, 160 feet east from Franklin street.
Washington street, 50 feet east from Shawmut street.
Washington street, 37 feet east from Rossmore street.
Washington street, 78 feet east from Boston street.
Washington street, 28 feet west from Mystic street.
Washington street, 6 feet west from Clark place.
Washington street, 156 feet west from Bonner avenue.
Washington street, 6 feet east from Kingman court.
Washington street, 243 feet east from Parker street.
Washington street, 50 feet east from Bowdoin street.
Washington street, 15 feet east from Perry street.
Washington street, 9 feet east from Leland street.
Washington street, 112 feet east from Dane street.
Washington street, 175 feet west from Dane street.
Washington street, 45 feet east from Beacon street.
Washington street, 62 feet east from Line street.
Water street, 91 feet north from South street.
Water street, 254 feet north from South street.
Water street, 354 feet north from South street.
Waterhouse street, 24 feet south from Broadway.
Waterhouse street, 326 feet south from Broadway.
Waterhouse street, 630 feet south from Broadway.
Webster avenue, 93 feet south from Washington street.
Webster avenue, 12 feet south from Everett street.
Webster avenue, 25 feet north from Newton street.
Webster avenue, 63 feet north from Prospect street.
Webster avenue, 18 feet south from Prospect street.
Webster avenue, 78 feet north from Tremont street.
Webster avenue, 3 feet north from Beach avenue.
Webster avenue, 1 foot south from Columbia court.
Webster street, 25 feet east from Cross street.
Webster street, 9 feet east from Rush street.
Webster street, opposite Cutter street.
Wellington avenue, 15 feet west from Montgomery avenue.

- Wesley street, 200 feet north from Pearl street.
- Wesley park, 16 feet north from Bow street.
- Wesley park, 335 feet north from Bow street.
- West street, 2 feet north from Broadway.
- West street (Ward 7), 92 feet south from Highland avenue.
- West street (Ward 7), 140 feet north from Highland avenue.
- Westminster street, 156 feet south from Electric avenue.
- Westwood road, 90 feet west from Central street.
- Westwood road, 58 feet east from Benton road.
- Wheatland street, 129 feet north from Broadway.
- Wheatland street, 9 feet south from Jaques street.
- Wheatland street, 78 feet south from Mystic avenue.
- Whipple street, 101 feet north from Highland avenue.
- Wigglesworth street, 14 feet north from Pearl street.
- William street, 8 feet east from Chandler street.
- Willoughby street, 146 feet west from Sycamore street.
- Willow avenue, 14 feet north from Summer street.
- Willow avenue, 3 feet north from Lexington avenue.
- Willow avenue, 46 feet south from Morrison avenue.
- Willow avenue, 42 feet south from Fosket street.
- Willow avenue, opposite Mallett street.
- Wilton street, 6 feet east from Nashua street.
- Wilton street, 10 feet east from Lawrence street.
- Windom street, 7 feet south from Summer street.
- Windsor road, 86 feet east from Willow avenue.
- Windsor road, 45 feet west from Hancock street.
- Winslow avenue, 145 feet east from College avenue.
- Winslow avenue, 5 feet west from Grove street.
- Winslow avenue, 8 feet west from Clifton street.
- Winter street, 130 feet east from Holland street.
- Winter-hill circle, 178 feet north from Broadway.
- Woodbine street, 222 feet west from Centre street.
- Wyatt street, 8 feet south from Taunton street.

**List of Private Hydrants Supplied from the City
of Somerville Mains.**

John P. Squire & Co.	10
North Packing and Provision Co.	10
New England Dressed Meat and Wool Co.	5
Boston & Maine Railroad	7
Union Glass Works	1
Fresh Pond Ice Co.	1
American Tube Works	1
Middlesex Bleachery	3
Boston Elevated Railway Co.	1
Metropolitan Sewerage Pumping Station	1
Tufts College	4
Middlesex Paper Co.	2
Derby Desk Co.	1
M. W. Carr & Co.	2

Gates—Construction Account.

New gates have been set in the following locations:—

- Dana street, 6-inch gate, 14 feet out from east line, and 20 feet north from north line of Pearl street; to control hydrant supply.
- Delaware street, 6-inch gate, 13 feet 4 inches out from west line, and 10 feet south from south line of Pearl street; to control hydrant supply.

- Delaware street, 6-inch gate, 13 feet 4 inches out from west line, on south line of Pearl street.
- Delaware street, 6-inch gate, 12 feet 6 inches east from west line, and 19 feet south from north line of Pearl street; to control blow-off.
- Dickson street, 6-inch gate, 13 feet 4 inches out from west line, on north line of Broadway.
- Highland road, 10-inch gate, 23 feet out from east line, on north line of Frederick avenue.
- Packard avenue, 2-inch gate, 8 feet out from waterpost located 55 feet southwest from Powder House boulevard.
- Pearl street, 6-inch gate, 10 feet out from north line, and 11 feet east from west line of Pearl terrace; on hydrant branch.
- Pearl street, 6-inch gate, 20 feet south from north line, and 10 feet east from west line of Delaware street; for blow-off.
- Pearson road, 8-inch gate, 13 feet 4 inches out from west line, on north line of Warner street.
- Pritchard avenue, 6-inch gate, 13 feet 4 inches out from east line, on north line of Frederick avenue.
- Pritchard avenue, 6-inch gate, 13 feet 4 inches out from east line, on south line of Boston avenue.
- Skilton avenue, 6-inch gate, 13 feet 4 inches out from east line, on south line of Pearl street.
- Ware street, 6-inch gate, 13 feet 4 inches out from west line, on north line of old Ware street.
- Ware street, 6-inch gate, 13 feet 4 inches out from west line, on south line of Powder House boulevard.

Gates — Renewal Account.

The following changes have been made in the size and location of main gates:—

- Aldrich street, 6-inch gate, set 13 feet 4 inches out from west line, on south line of Pearl street, and 4-inch gate removed from 12 feet out from west line, on south line of Pearl street.
- Medford street, 12-inch gate, set 19 feet 6 inches out from south line, on west line of Chester avenue, and 12-inch gate removed from Medford street, 13 feet out from south line and 100 feet west from west line of Chester avenue.
- Paulina street, 2-inch gate, set 3 feet out from waterpost located 26 feet east from Holland street, and 2-inch gate removed from old waterpost location on Holland street, 30 feet west from Elmwood street.
- Pearl place, 2-inch gate, set 9 feet 6 inches out from east line, on north line of Pearl street, and service gate removed from same location.
- Pearl street, 16-inch gate, set 15 feet out from north line, and 52 feet east from east line of Walnut street, and 6-inch gate removed from same location.
- Pearl street, 16-inch gate, set 15 feet out from north line, on west line of Aldrich street, and 6-inch gate removed from 15 feet out from north line and 10 feet west from east line of Dana street.

GATES—RECAPITULATION.

GATES.	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	2"	3"	4"	6"	8"	10"	12"	16"	Total.
Set	—	—	3	—	—	13	1	1	1	2	21
Removed	1	—	1	—	1	2	—	—	1	—	6

Net increase in number of gates in 1905 15
 Total number of gates in the city December 31, 1905 1,358

Locations of Water Posts.

Albion street, 83 feet west from Centre street.
Appleton street, 49 feet west from Willow avenue.
Bartlett street, 26 feet south from Broadway.
Beacon street, 33 feet north from Concord avenue.
Beacon street, 33 feet west from Vine street.
Beacon street, 94 feet east from Sacramento street.
Bolton street, opposite Baxter school.
Bonair street, 19 feet west from Wigglesworth street.
Bond street, 14 feet north from Broadway.
Boston street, 107 feet west from Greenville street.
Broadway, 75 feet west from Winthrop avenue.
Broadway, 6 feet west from Farm lane.
Broadway, 6 feet west from Irving street.
Broadway, 120 feet west from Clarendon avenue.
Broadway, 20 feet west from North street.
Cedar street, 96 feet south from Morrison avenue.
Cherry street, 161 feet south from Fairlee street.
College avenue, opposite Morrison avenue.
College avenue, 5 feet south from Kenwood street.
Columbus avenue, 54 feet east from Walnut street.
Concord avenue, opposite Knapp school.
Curtis street, 50 feet east from Professors row.
Dana street, 30 feet east from Pearl street.
Elm street, 25 feet west from Burnside avenue.
Flint street, 47 feet east from Cross street.
Franklin street, 127 feet south from Broadway.
Gilman street, 63 feet east from Walnut street.
Grove street, 19 feet south from Highland avenue.
Highland avenue, 44 feet west from Hamlet street.
Highland avenue, 50 feet west from Putnam street.
Highland avenue, 15 feet west from Central street.
Jaques street, 159 feet west from Grant street.
Laurel street, 20 feet south from Summer street.
Liberty avenue, 46 feet south from Broadway.
Linwood street, 70 feet west from Poplar street.
Lowell street, opposite Crown street.
Lowell street, 34 feet north from Highland avenue.
Medford street, 35 feet east from Ward street.
Medford street, at Gilman square.
Medford street, 19 feet east from Glenwood road.
Montrose street, 204 feet west from School street.
Mt. Vernon street, 71 feet south from Broadway.
Mystic avenue, 33 feet west from Union street.
Orchard street, 107 feet west from Dover street.
Otis street, 127 feet west from Cross street.
Packard avenue, 55 feet southwest from Powder House boulevard.
Paulina street, 26 feet east from Holland street.
Pearl street, 28 feet east from Myrtle street.
Pleasant avenue, 104 feet west from Walnut street.
Putnam street, 96 feet north from Summer street.
School street, 116 feet south from Broadway.
School street, 50 feet north from Berkeley street.
Shawmut street, 74 feet north from Shawmut place.
Somerville avenue, 175 feet east from Fitchburg R. R. crossing.
Somerville avenue, 246 feet east from Poplar street.
Somerville avenue, 89 feet east from Mystic street.
Somerville avenue, 119 feet west from School street.
Somerville avenue, 92 feet west from Kent street.
Somerville avenue, 120 feet west from Oak square.

Somerville avenue, 42 feet east from Mossland street.
 Summer street, 14 feet east from Belmont street.
 Summer street, 32 feet east from Cedar street.
 Summer street, 35 feet east from Cutter avenue.
 Sycamore street, 28 feet west from Medford street.
 Temple street, 124 feet south from Heath street.
 Tremont street, 120 feet south from Webster avenue.
 Tufts street, 114 feet east from Cross street.
 Vernon street, 45 feet west from Central street.
 Washington street, 96 feet west from Myrtle street.
 Washington street, 7 feet west from Boston street.
 Washington street, 34 feet west from Union square.
 Washington street, opposite Leland street.
 Wheatland street, 30 feet south from Mystic avenue.

Locations of Drinking Fountains.

Belmont park	D
Broadway, opposite park, near Winthrop avenue .	H
Union square, junction Somerville avenue and Washington street	H
Union square, in front of Hill building	D I
Lincoln park	D
Gilman square	H
Gilman square	D I
Cutter square	C
Davis square, in front of Medina building	D I
Teele square	H

H, horse trough; D, drinking fountain; I, ice water; C, combination trough and drinking fountain.

Summary of Statistics

FOR THE YEAR ENDING DECEMBER 31, 1905.

In form recommended by the New England Water Works Association.

SOMERVILLE WATER WORKS.

SOMERVILLE, MIDDLESEX COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1905, 69,272.

Date of construction: commenced in 1868.

By whom owned: City of Somerville.

Source of supply: Metropolitan water system.

Mode of supply: water is delivered into the city's mains, under both high and low pressures, by the Metropolitan Water Works.

STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population at date, 71,000.
2. Estimated population on lines of pipe, 71,000.
3. Estimated population supplied, 71,000.
4. Total consumption for the year, 2,248,741,000 gallons.
7. Average daily consumption, 6,160,900 gallons.
8. Gallons per day to each inhabitant, 89.

STATISTICS RELATING TO DISTRIBUTION SYSTEM.**MAINS.**

1. Kind of pipe, cast-iron.
2. Sizes, from 4-inch to 20-inch.
3. Extended 4,047 feet during year.
5. Total now in use, 90.3 miles.
6. Cost of repairs per mile, \$.87.
7. Number of leaks per mile, .09.
9. Number of hydrants added during year (public and private), 17.
10. Number of hydrants (public and private) now in use, 1,050.
11. Number of stop gates added during year, 15.
12. Number of stop gates now in use, 1,348.
14. Number of blow-offs, 136.
15. Range of pressure on mains, 35 pounds to 100 pounds.

SERVICES.

16. Kind of pipe: Lead; wrought iron—lead-lined; wrought iron—cement-lined; cast-iron.
17. Sizes, one-half to six inches.
18. Extended 9,155 feet.
20. Total now in use, 72.43 miles.
21. Number of service taps added during the year, 220.
22. Number now in use, 11,279.
24. Average cost of service for the year, \$21.13.
25. Number of meters added, 834; discontinued, 14.
26. Number now in use, 2,092.
27. Percentage of services metered, 18.59.
28. Percentage of receipts from metered water, 34.03.
29. Number of motors and elevators added, 0.
30. Number now in use, 10 (included in number of meters).

FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
From Water Rates:—		Water Works Maintenance:—	
A. Fixture rates	\$143,124 01	AA. Operation (management and repairs)	\$28,327 91
B. Meter rates	73,837 64		
C. Total from consumers	\$216,961 65	BB. Special:—	
M. From other sources:—		Miscellaneous accounts	1,961 53
Metropolitan Water Works			
Water service assessments	\$ 809 65	CC. Total maintenance	\$30,289 44
Costs for non-payment	4,456 58	DD. Interest on bonds	4,450 00
Labor and materials sold	299 00	EE. Payment of bonds	6,000 00
	2,011 30		
		Water Works Construction:—	
		GG. Extension of mains	\$6,064 16
		HH. Extension of services	4,648 83
		II. Extension of meters	6,083 19
		JJ. Miscellaneous accounts	49 77
		KK. Total construction	\$16,845 95
		LL. Unclassified expenses:—	
		Metropolitan water assessment	90,560 73
		Refunds to consumers	518 19
		MM. Balance:—	
		(aa) Ordinary	75,873 87
		Total balance	
N. Total	\$224,538 18		\$75,873 87
			\$224,538 18

Disposition of balance: applied to other municipal purposes.

O. Cost of works to date \$85,503 13

P. Bonded debt at date 102,000 00

R. Average rate of interest, 4 per cent.

REPORT OF CHIEF ENGINEER OF FIRE DEPARTMENT.

OFFICE OF CHIEF ENGINEER OF FIRE DEPARTMENT, }
 January 1, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith the annual report of the fire department for the year ending December 31, 1905:—

Fires.

Number of bell alarms	246
Number of still alarms	175
	421
Value of buildings at risk	\$280,200 00
Damage to same	42,466 00
Insurance on same	166,804 00
Value of contents	109,183 00
Damage to same	31,016 00
Insurance on same	58,631 63
Total value at risk	389,383 00
Total damage	73,482 00
Total insurance	225,435 63

The department has maintained its reputation for efficiency. While the number of fire alarms was greater by 112 than during the year 1904, yet in only eight cases was a second alarm necessary to bring the fire under control.

Manual Force.

The manual force of the department consists of thirty-seven permanent men and eighty callmen, making a total of 117 men, divided as follows:—

Chief engineer	1
Assistant engineer	1
Three engine companies	40
Two hook and ladder companies	29
Three hose companies	23
Two combination chemical and hose companies	14
One chemical engine company	3
One chemical and ladder apparatus	0
One driver for chief	1
	117
Total	117

Equipment.

The apparatus of the department consists of three steam fire engines in service, one steam fire engine in reserve, two ladder trucks, one chemical engine, two combination chemical and hose wagons, three hose wagons, and one combination ladder truck, chemical, and hose vehicle.

The apparatus is in good condition except the boiler of engine No. 4. This boiler has been in service sixteen years, and by reason of its weakness, only a small amount of steam pressure is permitted. A new boiler should be provided at once, as it costs as much to maintain this engine, of a limited power, as one in first-class condition.

There are forty-one horses belonging to the department, which are apportioned as follows:—

Central station	10
Engine 2	6
Engine 4	5
Union-square station	5
Ladder 2	5
Hose 2	2
Hose 5	2
Hose 6	4
Spare	2
Total	<hr/> 41

Recommendations.

I recommend that the hose wagon located in the station at Broadway and Cross street (engine house No. 2) be placed in service.

That a steam fire engine be placed in service in the Union-square fire station.

That a fire station be built on land owned by the city on the corner of Broadway and Cedar street. This new station is made necessary by the construction of inflammable buildings in this vicinity to the value of nearly \$2,000,000.

In the absence of any deterrent action by the authorities to prevent fire, or to cause buildings to be constructed so as to be slow to burn, the cost of maintaining the fire-extinguishing department must be annually increased in order to meet the added liability.

It is not the fault of this department that shingles are so commonly used to cover roofs, as it has frequently been stated that this type of roof covering was a menace to the city in time of fire.

Much could be said of the danger of constructing buildings with hollow floors, walls, and shingle roofs. Every observing citizen must be impressed with the dangerous risk of erecting buildings of this character in close proximity to each other.

When shingle roofs are dry, sparks from the first fire dropping on them are liable to kindle more fires than the fire department can reach and extinguish before a conflagration is created.

If buildings were constructed in accordance with rules established by the London Fire Protective Association, it would promote the interests of all the people, give to them better security of life and property, lessen the cost of insurance, and greatly reduce the expense of maintaining the fire department.

A table is here presented giving the cost of fire department maintenance in certain cities of England, Ireland, and Scotland, as compared with certain cities of Massachusetts (the data for cities of Massachusetts being from the United States census of 1900):—

Name.	Population.	Cost Per Capita.
Boston	560,885	\$2.24
Worcester	118,421	1.38
Fall River	108,863	1.15
Lowell	94,699	1.25
Cambridge	91,866	1.37
Springfield	62,059	1.55
Newton	33,597	1.55
Somerville	61,643	1.02

Name.	Population.	Cost Per Capita.
Liverpool	668,645	\$0.1256
Southampton	107,103	0.056
Oldham	153,297	0.1062
Northampton	95,000	0.0542
Leith	77,885	0.1545
Glasgow	755,730	0.1117
Edinburgh	302,269	0.1353
Dublin	265,000	0.1161

This difference in the cost of fire department maintenance is made possible by fire preventive construction of buildings.

Causes of Bell Alarms.

Accidental	2
Automobile overheated	2
Bonfires	2
Boiling over of fat	2
Burning of rubbish	8
Breaking of kerosene lamp	5
Boiling over of tar kettle	1
Children playing with matches	16
Clothing in contact with lamp	2
Clothing cleaning with naphtha	1
Clothing in contact with stove	2
Curtain in contact with gas jet	3
Curtain in contact with lamp	3
Cigarette smoking	3
Chimney fire	6
Campaign banner	2

Number carried forward 60

Number brought forward	60
Defective chimney	5
Defective gas pipe	2
Dump fires	14
Drying wood in stove	1
Explosion of kerosene stove	2
Explosion of lamp	2
Explosion of gas	2
Explosion of gasolene	1
Electric car	4
Electric wires in trees	3
Electric wires	1
Fire crackers	2
Fireworks on roof	2
Fire in Medford	4
Fire in Cambridge	1
False alarms	37
Fumigating house	1
Grass fire	9
Hot ashes in a wooden receptacle	6
Heat from adjoining fire	4
Incendiary	5
Light mistaken for fire	2
Leaking gas jet	1
Lime slacking	1
Overheated coal stove	4
Overheated oil stove	2
Overheated furnace	1
Overheated boiler room	1
Overheated baker's oven	2
Plumber's torch	2
Rats and matches	4
Smoke mistaken for fire	1
Sparks from chimney on roof	12
Sparks from under boiler	2
Sparks from railroad engine	5
Sparks from snap match	2
Sparks from tobacco pipe	4
Sparks from plumber's furnace	1
Sparks from stove	4
Sparks from rubbish fire	4
Spontaneous combustion	5
Smoke from stove	3
Smoke from furnace	1
Sparks from fire box of engine	1
Salamander stove	3
Unknown	6
Wooden cuspidor	2
Wood in contact with chimney	2
Total	<hr/> 246

Fire Department Account.

CREDIT.

Appropriation	\$65,000 00
Receipts:—	
Electrical Department, board of horses	300 00
Total credit	<hr/> \$65,300 00
Amount carried forward	<hr/> \$65,300 00

Amount brought forward \$65,300 00

DEBIT.

Salaries of permanent men and substitute drivers	\$39,823 09	
Salaries of callmen	14,194 02	
Improvements and repairs of apparatus and vehicles	3,261 59	
Hose and repairing same	1,050 82	
Horses	1,617 61	
Grain and feed	1,450 37	
Hay and straw	2,613 32	
Washing and ironing	453 54	
Harnesses and repairing same	363 80	
Horseshoeing	1,196 20	
Ice	89 12	
Fire extinguishers	57 50	
Horse medicine and doctoring	252 50	
Telephones	225 73	
Assistant chief's carriage	188 00	
Supplies	893 01	
Incidentals	393 65	
		<hr/>
Total debit		\$68,123 87
		<hr/>
Amount overdrawn		\$2,823 87

Roster of Department.

James R. Hopkins	. . . .	Chief Engineer	. . . .	27 Summit ave.
Edward W. Ring	. . . .	Assistant Engineer	. . . .	Medford st.

ENGINE COMPANY NO. 1.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Wilfred Young,	Aug. 7, 1874,	Captain,	Fireman,	Highland ave.
Frank Langer,	July 4, 1854,	Lieutenant,	Wood Moulder,	Trull st.
John W. Bartlett,	Feb. 22, 1862,	Engineman,	Fireman,	Lowell st.
Percival L. Lowell,	July 1, 1877,	Asst. Engineman,	Fireman,	Marshall st.
George F. Bixby,	March 27, 1869,	Driver,	Fireman,	Highland ave.
Lyle Sterling,	Feb. 28, 1867,	Driver,	Fireman,	Summer st.
Fred S. Young,	Feb. 1, 1867,	Hoseman,	Water Dept.,	Oxford st.
Oscar J. Lingley,	April 5, 1860,	Hoseman,	Milkman,	Avon st.
Benjamin F. Johnson,	Nov. 20, 1864,	Hoseman,	R. R. Yard Man,	Medford st.
Sewall M. Rich,	Nov. 6, 1866,	Hoseman,	Merchant,	Medford st.
Joseph W. Mess,	Sept. 25, 1863,	Hoseman,	Milkman,	Chester ave.
Melvin F. Underwood,	Nov. 28, 1873,	Hoseman,	Electrician,	Medford st.
Frank R. Rametti,	Dec. 26, 1873,	Hoseman,	Lineman,	Pearl st.
Everett W. Bray,	Feb. 17, 1872,	Hoseman,	Prov. Clerk,	Alston st.

ENGINE COMPANY NO. 2.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Benjamin H. Pond,	Oct. 25, 1867,	Captain,	Fireman,	Columbus ave.
Lewis E. Seymour,	March 25, 1873,	{ Lieutenant, Driver,	Fireman,	New Cross st.
Clarence V. Cook,	Oct. 1, 1858,	Engineman,	Fireman,	Maple ave.
Walter H. Young,	Dec. 25, 1869,	Asst. Engineman,	Fireman,	Fountain ave.
Charles Spike,	Feb. 8, 1875,	Driver,	Fireman,	Grant st.
Robert Geaton,	Feb. 22, 1861,	Hoseman,	Painter,	Bradley st.
Cornelius A. Doherty,	April 30, 1873,	Hoseman,	Milk Dealer,	Cross st.
Edward W. Burgess,	Aug. 3, 1859,	Hoseman,	Vegetable Dealer,	Otis st.
Frederick W. Kimball,	Aug. 11, 1866,	Hoseman,	Woodworker,	Brook st.
Charles T. Garland,	Nov. 15, 1871,	Hoseman,	Coal Dealer,	Pearl st.
Thomas E. Nagle,	Nov. 7, 1869,	Hoseman,	Teamster,	Oliver st.
Robert F. Garland,	June 23, 1866,	Hoseman,	Laundryman,	Cross st.
Charles M. Craig,	Nov. 4, 1878,	Hoseman,	Teamster,	Highland ave.
David L. Stevens,	March 17, 1873,	Hoseman,	Blacksmith,	Brook st.

ENGINE COMPANY NO. 4.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
John Gillooly,	June 9, 1856,	Captain,	Fireman,	Winslow ave.
Danforth S. Steele,	Sept. 9, 1850,	Lieutenant,	Foreman,	Leslie pl.
Lindorf D. Bixby,	Jan. 31, 1841,	Engineman,	Fireman,	Highland ave.
George H. Crosby,	Sept. 14, 1881,	Asst. Engineman,	Fireman,	Cross st.
Charles F. Hathaway,	Feb. 11, 1876,	Driver,	Fireman,	Grove st.
Robert W. Jesson,	May 10, 1873,	Driver,	Fireman,	Pitman st.
John F. Berton,	Feb. 14, 1857,	Hoseman,	Painter,	College ave.
James I. King,	March 30, 1865,	Hoseman,	Painter,	Elm ct.
Eugene H. Jones,	June 17, 1864,	Hoseman,	Lineman,	Morrison ave.
John B. Rufer,	March 16, 1869,	Hoseman,	Blacksmith,	Chandler st.
Charles A. Frink,	April 23, 1873,	Hoseman,	Undertaker,	Irving st.
George H. Keay,	Sept. 23, 1868,	Hoseman,	Fish Dealer,	Winslow ave.

HOSE COMPANY NO. 2.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Francis W. Ring,	Aug. 7, 1854,	Captain,	Fireman,	Wheatland st.
Daniel R. Spike,	March 22, 1844,	Lieutenant,	Janitor,	Marshall st.
Henry A. Angier,	April 30, 1838,	Driver,	Fireman,	Jaques st.
Harry V. Spike,	Aug. 2, 1874,	Hoseman,	Clerk,	Grant st.
Charles A. Woodbury,	Jan. 31, 1859,	Hoseman,	Milk Dealer,	Sargent ave.
Frederic E. Cushing,	Dec. 20, 1845,	Hoseman,	Painter,	Marshall st.
Benjamin Marble,	May 1, 1870,	Hoseman,	Fish Dealer,	Sargent ave.
J. Walter Holmes,	Sept. 8, 1875,	Hoseman,	Victualler,	Marshall st.
Charles P. Fowler,	May 24, 1879,	Hoseman,	Clerk,	Hamlet st.
Fred E. Knowles,	Jan. 14, 1878,	Hoseman,	Milk Dealer,	Jaques st.

HOSE COMPANY NO. 3.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Henry J. Turner,	Feb. 24, 1865,	Captain,	Fireman,	Somerville ave.
Alfred R. Higgins,	Feb. 25, 1849,	Lieutenant,	Park Laborer,	Prospect st.
Joseph F. Green,	Aug. 9, 1878,	Driver,	Fireman,	Mystic st.
Thomas W. Joy,	Feb. 22, 1856,	Hoseman,	Cooper,	Hawkins st.
Edward A. Parker,	Oct. 29, 1851,	Hoseman,	Park Laborer,	Prescott st.
Francis S. Brown,	Feb. 4, 1845,	Hoseman,	Watchman,	Columbus ave.
Walter J. Green,	Oct. 25, 1868,	Hoseman,	Florist,	Somerville ave.
Peter J. Kelley,	March 29, 1879,	Hoseman,	Teamster,	Fountain ave.
Thomas L. Deegan,	Oct. 15, 1877,	Hoseman,	Blacksmith,	Mystic st.

HOSE COMPANY NO. 5.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Edwin F. Trefren,	March 28, 1858,	Captain,	Fireman,	Lowell st.
William J. Blaisdell,	May 16, 1846,	Lieutenant,	Painter,	Summer st.
Abner Peterson,	Feb. 28, 1879,	Driver,	Fireman,	Porter st.
Martin E. Driscoll,	Dec. 21, 1872,	Hoseman,	Painter,	Miller st.
Horace L. Dunklee,	Dec. 12, 1854,	Hoseman,	Fireman,	Somerville ave.
George R. Green,	Feb. 27, 1866,	Hoseman,	Florist,	Somerville ave.
Albert F. McGrath,	July 14, 1877,	Hoseman,	Butcher,	Elm place.
Frederick G. Jones,	Nov. 26, 1866,	Hoseman,	Patrol Driver,	Somerville ave.
Adam H. Gibby, Jr.,	Sept. 2, 1874,	Hoseman,	Electrician,	Summer st.

HOSE AND CHEMICAL COMPANY NO. 6.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Joseph A. Cribby,	Aug. 22, 1864,	Captain,	Fireman,	Newbury st.
Arthur M. Gilman,	Aug. 19, 1866,	Lieutenant,	Fireman,	College ave.
Elmer C. Shiere,	Apr. 29, 1878,	Driver,	Fireman,	Elm st.
Charles H. Bridges,	Nov. 29, 1843,	Hoseman,	Machinist,	Westminster st.
Homer A. White,	July 27, 1865,	Hoseman,	Painter,	Newbury st.
William Stern,	Sept. 19, 1873,	Hoseman,	Paperhanger,	Newbury st.

HOSE AND CHEMICAL COMPANY NO. 7.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
George W. Bridges,	March 22, 1876,	Lieutenant,	Fireman,	Newbury st.
Arthur C. Sellon,	July 16, 1863,	Driver,	Fireman,	Hancock st.
George R. Dale,	June 22, 1871,	Hoseman,	Fireman,	Josephine ave.
Harry G. White,	June 14, 1870,	Hoseman,	Electrician,	Hudson st.
Charles W. Hughes,	March 26, 1876,	Hoseman,	Painter,	Highland ave.
Alfred M. Pride,	Apr. 6, 1869,	Hoseman,	Carpenter,	Hudson st.
William P. Young,	Jan. 24, 1877,	Hoseman,	Plumber,	Cedar st.
Frederick L. Jensen,	July 2, 1872,	Hoseman,	Painter,	Highland ave.

CHEMICAL A.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Frank L. Draper,	July 31, 1852,	Lieutenant,	Fireman,	Chester ave.
Charles H. Timson,	May 27, 1859,	Driver,	Fireman,	Highland ave.
John T. Coneeny,	Nov. 2, 1876,	Operator,	Fireman,	Ellsworth st.

HOOK AND LADDER COMPANY NO. 1.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Melvin B. Ricker,	Aug. 30, 1841,	Captain,	Fireman,	Prospect st.
Herbert L. Webber,	Nov. 9 1869,	Lieutenant,	Painter,	Columbus ave.
Richard F. Clarkson,	May 18, 1859,	Driver,	Fireman,	Homer sq.
Joseph A. Sander,	Apr. 28, 1868,	Fireman,	Fireman,	Grove st.
William A. McLane,	Jan. 7, 1860,	Ladderman,	Engineer,	Clark st.
Patrick J. Follon,	March 3, 1859,	Ladderman,	Laborer,	School st.
James D. Perkins,	Nov. 25, 1858,	Ladderman,	Paperhanger,	Bow-st. pl.
James E. Thompson,	Sept. 1, 1869,	Ladderman,	Laborer,	Broadway.
John H. Ford,	July 16, 1859,	Ladderman,	Painter,	Oak st.
Frank H. Eaton,	Feb. 1, 1855,	Ladderman,	Laborer,	Prospect pl.
Charles A. Caswell,	Jan. 18, 1870,	Ladderman,	Laborer,	Webster ave.
John H. Foy,	May 16, 1867,	Ladderman,	Painter,	Somerville ave.
Charles M. Davis,	Dec. 5, 1878,	Ladderman,	Mason,	Washington st.
George A. Row,	Jan. 19, 1867,	Ladderman,	Teamster,	Somerville ave.
Israel Y. Hall,	June 24, 1878,	Ladderman,	Laborer,	Homer sq.

HOOK AND LADDER COMPANY NO. 2.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Horace W. Hutchins,	Aug. 26, 1866,	Captain,	Fireman,	Hancock st.
Charles E. Shaw,	Oct. 13, 1857,	Lieutenant,	Paperhanger,	Eastman rd.
Harry F. Bucknam,	Sept. 21, 1872,	Driver,	Fireman,	Highland ave.
John E. Hill,	Dec. 25, 1845,	Ladderman,	Salesman,	Cherry st.
Clarence T. Conant,	Dec. 10, 1868,	Ladderman,	Milkman,	Hudson st.
William J. Kennedy,	March 19, 1863,	Ladderman,	Plumber,	Woodbine st.
LeBaron Emery,	May 11, 1859,	Ladderman,	Painter,	Alpine st.
John H. Givan,	June 9, 1865,	Ladderman,	Grocer,	Highland ave.
Charles F. Mills,	Aug. 26, 1876,	Ladderman,	Carpenter,	Alpine st.
Joseph E. E nery,	Aug. 2, 1870,	Ladderman,	Painter,	Alpine st.
David B. Nixon,	March 4, 1869,	Ladderman,	Painter,	Cedar st.
James A. Butler,	Oct. 29, 1881,	Ladderman,	Clerk,	Lowell st.
George A. Givan,	Oct. 8, 1863,	Ladderman,	Clerk,	Eastman rd.
Walter H. Thomas,	Nov. 12, 1850,	Ladderman,	Janitor,	Highland ave.

I desire to thank his honor the mayor and the board of aldermen for their support in all measures conducive to the interests of the department and the members of the department for their loyal service in carrying on its successful work.

I am not unmindful of the aid rendered by many citizens in an emergency, and to each I return my grateful appreciation of their services.

Respectfully submitted,

JAMES R. HOPKINS,

Chief Engineer.

REPORT OF THE CHIEF OF POLICE.

OFFICE OF THE CHIEF OF POLICE, }
January 1, 1906. }

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

Gentlemen,—I respectfully submit a report of the doings of the police department for the year ending December 31, 1905, with suggestions and recommendations for your consideration:—

Arrests.

Whole number of arrests made	1,714
Males	1,617
Females	97
Americans	877
Foreign born	837
Residents	1,054
Non-residents	660
Number held for trial for following offences	1,658
Adultery	2
Assault and battery	168
Assault, felonious	9
Bastardy	6
Breaking and entering	45
Contempt of court	3
Cruelty to animals	2
Drunkenness	881
Disturbing the peace	17
Evading railroad fare	1
Fraud	5
Keeping for sale adulterated food	18
Keeping unlicensed dog	1
Larceny	177
Malicious mischief	60
Murder	1
Neglected children	23
Neglect to support family	40
Peddling without license	3
Receiving stolen property	3
Stubborn child	12
Threats	4
Vagrancy	23
Violation of election laws	8
Violation of city ordinances	65
Violation of liquor law	6
Violation of Lord's day	33
Walking on railroad track	15
Wilful trespass	27
	— 1,658

Miscellaneous.

Buildings found open and secured	601
Defective streets reported	455
Obstructions in streets reported	54
Larcenies reported	257
Amount reported stolen	\$6,556
Amount recovered	\$3,700
Number of street light reports	1,857
Water pipes reported leaking	61

Police Signal, Patrol Wagon, and Ambulance Service.

Whole number of on duty reports made by the patrolmen	232,335
Whole number of runs made with wagon	991
Whole number of prisoners conveyed to station	1,074
Whole number of miles run with wagon	1,508
Whole number of telephone calls	9,361
Whole number of persons carried in ambulance	340

Suggestions and Recommendations.

By an arrangement with Ernest W. Bailey, city engineer, the regular police officers have performed police duty on the public parks, but the expense has been paid from the appropriation for public grounds.

This system has been tried for two years, and if the service is to be continued, I would suggest that the expense be provided for and paid from the police account, and that additional patrolmen be appointed upon the force, so that the regular police officers would be relieved from doing extra duty on the parks. Such a change would place the responsibility for the police service upon one head and one department. I would recommend that ten patrolmen of the reserve force be promoted to the rank of regular police officers, and that ten new reserve officers be appointed to fill the reserve force to its maximum number, they to be temporarily instead of permanently employed to police the parks and to cover vacant routes while officers are on their vacations, and to be a reserve force in fact as well as in name.

The increased expense of maintaining this additional number of reserve officers to perform such work would be but a trifle more than has been expended by the two departments this year. The department as at present organized is large enough to police the city during the fall and winter months.

I suggest for your respective consideration a growing necessity for ways and means to keep pace with the up-to-date methods of criminals in pursuing their calling. First, horses, as well as human beings, are too slow in their movements to overtake thieves in automobiles; to equip this department with an automobile to make it more effective would be a trifling expense compared to the value it would be many times for dispatching officers upon call to remote sections of the city quickly. The signal system was for a number of years a terror to criminals,

but within a few years incendiaries, housebreakers, and highwaymen have been known to operate and get away quickly and successfully upon a wheel or power vehicle.

Also, for the use of the department, to increase the efficiency of the street patrol, one or two mounted officers could find enough to do six months of the year to patrol sections where licensed automobilists defy the speed laws, not so much for the purpose of making arrests, but to have a general supervision over and caution such offenders, and command a respect for the laws and ordinances which a police officer on foot cannot do.

Also, the feasibility of building a police station in the vicinity of Davis square, on College avenue. This improvement has been agitated for a number of years; in fact, the late Hon. Mark F. Burns, mayor of Somerville A. D. 1887, said in his inaugural address as follows:—

“One serious defect in our police arrangements, and one which should be remedied in the near future, is lack of station houses in East Somerville, Winter hill, and Davis square. One station house for so large a territory is not sufficient.” But the police signal was established in 1888, the next year, and for a time provided a relief and better police protection for West Somerville, so called, but that section of the city has more than trebled in population and valuation in property since that date. The department’s total membership in 1888 was thirty men, and for several years I have anticipated recommending the erection of a station in the place designated. It would relieve the Bow-street station from sending men and wagons two and one-half miles upon every emergency call. Many times they are called to other sections of the city while the wagon is out, and the officers have to wait for it to return. To maintain an up-to-date police service, one or more stations should be erected very soon. The police signal register records the calls at present, but with more street signal boxes and more patrolmen the system will have to be divided, also.

In General.

The force was not increased in number during 1905. There was one death. Patrolman George E. Reece died April 17, 1905, having served since September 16, 1902. Two patrolmen were retired upon half pay at their own request on account of disability March 23, 1905, namely, Phineas W. Skinner and Albion L. Staples.

Promotions to the regular from the reserve force were: James M. Lynch and Martin Sharry, April 5, and Henry Y. Gilson, May 11; and to fill vacancies in the reserve force, Denis Neylon, John J. Cummings, and Denis Downey were appointed April 13, 1905, and Edward M. Davies May 25, 1905.

The force consists of a chief of police, one captain, three lieu-

tenants, four sergeants, one inspector, forty-four regular and ten reserve patrolmen permanently employed; total, sixty-four. With our present population, it cannot be said the department is too large.

In Memoriam

PATROLMAN GEORGE E. REECE.

Died April 17, 1905.

Official Roster of Department.

MELVILLE C. PARKHURST, Chief.

Robert R. Perry, Captain.	Dennis Kelley, Lieutenant.
Eugene A. Carter, Lieutenant.	Charles E. Woodman, Lieutenant.
Edward McGarr, Sergeant.	George H. Carleton, Sergeant.
Eugene H. Gammon, Sergeant.	James M. Harmon, Sergeant.
Thomas Damery, Inspector.	

PATROLMEN.

Allen, Charles W.	Hilton, Herbert
Allen, Harry L.	Hopkins, Frank C.
Arnold, Louis F.	Howe, Hudson M.
Balcom, Frederick J.	Johnston, Charles S.
Bolton, David A.	Johnston, William H.
Burns, Samuel	Kennedy, Michael T.
Byrnes, Charles E.	Lewis, Sanford S.
Carleton, Ira S.	Lynch, James M.
Carter, Edward M.	McNamara, Thomas F.
Chisholm, Jotham	Perkins, Francis A.
Dadmun, John A.	Pollard, James J.
Davidson, William J.	Ray, John A.
Dodge, Ezra A.	Reick, Charles W.
Drew, Eimer E.	Rice, George L.
Fuller, Harvey R.	Sharry, Martin
Fuller, John E.	Simons, Daniel G.
Gilson, Henry Y.	Skinner, Jacob W.
Goff, Ernest S.	Smith, George L.
Googins, Frederick H.	Stevens, Charles W.
Gott, Myron S.	Sudbey, Henry A.
Graves, Frank H.	Sutherland, William J.
Heron, Theodore E.	Woodsum, Eugene A.

RESERVE POLICE FORCE.

Blair, Robert T.	Howard, Ernest
Crossman, Claude L.	Keane, Edmund J.
Cummings, John J.	Neylon, Denis
Davies, Edward M.	Peters, George A. C.
Downey, Denis	Simons, Lemuel J.

In conclusion, I wish to thank all who have assisted the police force in the performance of their duty. To my officers and other subordinates, I extend my heartfelt thanks for their support during the past year.

Respectfully submitted,

MELVILLE C. PARKHURST,
Chief of Police.

REPORT OF SEALER OF WEIGHTS AND MEASURES.

OFFICE OF SEALER OF WEIGHTS AND MEASURES, }
City Hall Annex, Somerville, January 6, 1906. }

To His Honor, the Mayor, and the Board of Aldermen:—

The following report of the sealer of weights and measures for the year 1905 is respectfully submitted:—

Section 21, chapter 62, of the Revised Laws provides that sealers of weights and measures shall annually give public notice, by advertisement or by posting, in one or more public places in their respective cities and towns, notices to all inhabitants or persons having usual places of business therein who use weights, measures, or balances for the purpose of selling goods, wares, merchandise, or other commodities, or for public weighing, to bring in their weights, measures, and balances to be adjusted and sealed. Such sealers shall attend in one or more convenient places, and shall adjust, seal, and record all weights, measures, and balances so brought in.

Section 34 of the same chapter provides that each sealer of weights and measures, including the county treasurers, shall receive a fee of one dollar for sealing each platform balance if weighing five thousand pounds or more, and fifty cents if weighing less than that amount, and three cents each for sealing all other weights, measures, scales, beams, or balances. He shall also have a reasonable compensation for all necessary repairs, alterations, and adjustments made by him.

Where weights, measures, and balances are sealed as provided in Section 21 (that is, brought to the office), no fee is charged for sealing.

In compliance with the foregoing Section 21, the customary notice was given by advertising in the Somerville Journal in March, 1905.

During the year the sealer visited all places in the city where goods were bought or sold, tested all scales, weights, and measures, sealed those which were found correct, and condemned all found beyond repair and useless.

One hundred and fifty-six scales, weights, and measures were adjusted before sealing, seven scales were tagged for repairs, four of which were repaired as ordered, and the remaining three put out of use. Four coal bins were measured during the year.

Work done in the office during the year 1905 is as follows:—

Number of scales sealed	247	
Number of weights sealed	204	
Number of dry measures sealed	684	
Number of tin cans and measures sealed	1,335	
Number of glass milk jars sealed	93,701	
Number of yard sticks sealed	2	
Number of coal baskets sealed	37	
	<hr/>	
Total number sealed		96,210
Number of scales adjusted and sealed	46	
Number of weights adjusted and sealed	4	
Number of dry measures adjusted and sealed	1	
	<hr/>	
Total number adjusted and sealed		51
Number of scales tagged for repairs	2	
Number of scales repaired as ordered	2	
	<hr/>	
Total number tagged and repaired		4
Number of scales tested and condemned	12	
Number of dry measures tested and condemned	15	
Number of liquid measures tested and condemned	8,422	
Number of coal baskets tested and condemned	1	
	<hr/>	
Total number condemned		8,450
		<hr/>
Total number of tests made in the office		104,715

Work done outside of the office:—

Number of scales tested and sealed	1,174	
Number of weights tested and sealed	3,763	
Number of dry measures tested and sealed	1,054	
Number of liquid measures tested and sealed	1,384	
Number of yard sticks tested and sealed	111	
Number of coal baskets and bins tested and sealed	10	
	<hr/>	
Total number sealed		7,496
Number of scales adjusted and sealed	77	
Number of weights adjusted and sealed	21	
Number of dry measures adjusted and sealed	4	
Number of liquid measures adjusted and sealed	3	
	<hr/>	
Total number adjusted and sealed		105
Number of scales tagged for repairs	5	
Number of scales repaired as ordered	2	
	<hr/>	
Total number tagged and repaired		7
Number of scales tested and condemned	5	
Number of dry measures tested and condemned	62	
Number of liquid measures tested and condemned	12	
Number of yard sticks tested and condemned	1	
	<hr/>	
Total number condemned		80
		<hr/>
Total number of tests outside of office		7,685
		<hr/>
Total number of tests in and out of office		112,403

Receipts for the year 1905:—

Appropriation	\$1,050 00
Received as fees for sealing	424 72
Received as fee for adjusting	5 35

Total receipts	\$1,480 07
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Expenditures for the year 1905:—

Printing, books and supplies	\$76 59
Amount paid to helper	154 00
Amount paid for team	242 50
Salary of sealer	1,000 00

Total expenditures for year 1905	1,473 09
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Unexpended balance	\$6 98
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JOHN H. DUSSEAULT,
Sealer of Weights and Measures.

REPORT OF THE CITY SOLICITOR.

Somerville, January 8, 1906.

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

The following is my report as city solicitor for the year 1905:—

Wellington Bridge. Under chapter 491 of the acts of the legislature for the year 1901, the metropolitan park commission constructed a new bridge over the Mystic river at Middlesex avenue, costing \$184,261.61. Commissioners appointed by the supreme court, under the provisions of the same chapter, made an apportionment of the expense of construction and maintenance, putting one-eighth of each upon the city of Somerville. For about thirty years the city had been sharing equally with Medford the entire cost of maintaining the former bridge.

Metropolitan Park District. The regular five yearly apportionment of the expenses of the metropolitan park district, under chapter 419 of the acts of the legislature for the year 1899, was made this year, being the second actual apportionment since the district was established. Under the apportionment of the year 1900, Somerville paid as its proportion for parks and boulevards .03472, and for Nantasket beach, .0340305. Under the apportionment of this year, Somerville is required to pay during the next five years as its proportion for parks .02866; for boulevards, .02994; and for Nantasket beach, .02855. The decrease is due principally to the fact that Boston, which formerly paid fifty per cent. under a special provision of the statute, is required by this apportionment to pay more than sixty-two per cent. for parks and for Nantasket beach.

Abolition of Grade Crossings. On petitions of the mayor and aldermen, which had been pending in the superior court some five years, and which I was directed early this year by the city government to take up in earnest, the superior court in June, notwithstanding opposition by the railroad corporations, appointed a commission, in the manner provided by law, to investigate the situation, and, if it should decide in favor of the abolition of the crossings, to determine in what manner the work shall be done. The absence of the chairman of the commission has caused much delay; but a meeting was finally arranged between him and our city engineer, and the latter is now engaged in the preparation of plans to be presented before the commission. The petitions relate to all five crossings of the Fitchburg division of the Boston & Maine railroad, namely, Somerville avenue,

Medford street, Webster avenue, Dane street, and Park street, and to the crossing at Somerville avenue of the Boston & Albany railroad company

Lowell-street Bridge. In accordance with additional authority given this year by the city government, petitions were filed with the county commissioners for the construction of bridges at Lowell street, over the main line and the branch line of the Boston & Lowell railroad corporation now leased to the Boston & Maine railroad. The railroad corporations opposed the petitions; but, after many hearings, decrees have recently been issued by the county commissioners ordering the construction of the bridges. It is not disputed that public convenience and necessity require bridges at that place; but the railroad corporations contend that the city should lay out a public way in the usual manner, thereby giving them a claim against the city for damages, and freeing them from the obligation of making payments toward the expense of constructing and maintaining the bridges. Further proceedings in the superior court are necessary upon the decree relating to the bridge over the main line, in order to determine who shall do the work and by whom the expense shall be paid.

By chapter 278 of the acts of the legislature for the year 1905, provision was made for the burial of wires in certain streets of the city. The act is in nearly all respects like those passed in the years 1900 and 1902, relating to the burial of wires in Springfield and Worcester. The legislature refused to pass a similar act for another city adjoining Boston.

Cases in courts have been disposed of as follows:—

Two actions in the superior court for injuries claimed to have been received by reason of defects in highways were settled for \$75 and \$250, respectively.

Three actions in the police court for injuries claimed to have been received by reason of defects in highways were tried and judgments given in favor of the city, from which the plaintiffs have appealed to the superior court.

An action for \$5,000 on account of damages to property on Hall street, claimed to be due to the filling of a water course with ashes and other refuse by the health department, was tried before a jury in the superior court, and a verdict was given against the city for \$400. The case will be reported to the supreme court by the justice before whom it was tried.

In an action brought against the city in the name of Michael O'Keeffe to test the constitutionality of the trading stamp act, chapter 403 of the acts of the year 1904, the supreme court has given an opinion in favor of the plaintiff.

At the request of the mayor and the chief of police, I took part in the trial of several cases in the police court, brought against four election officers of precinct 1, in ward 6, for neglect of duty at the state election. Two of the defendants, who had

sent substitutes, were found guilty and sentenced to imprisonment and the payment of fines. On appeal to the superior court, the complaints under which they were sentenced to imprisonment were nol prossed, and to the other complaint they pleaded guilty and paid the fines. A third defendant, who failed to send a substitute, and reported for duty about forty minutes after the time for opening the polls, was found guilty, received sentences like those of the other defendants, and appealed. His appeal is now pending. The fourth defendant, who neither served nor sent a substitute, claimed that he was not an election officer, but he was held by the court for the grand jury.

An action brought in the name of the collector of taxes to recover a personal property tax from Greenleaf W. Simpson, who claimed that he was not a resident of this city at the time of the assessment, was tried before a jury in Suffolk county, and a verdict was given in favor of the defendant. Another action brought by trustee process in the Suffolk superior court to recover a personal property tax from a resident of New York was settled by payment in full without trial.

Very respectfully,

FRANK W. KAAN,

City Solicitor.

REPORT OF THE CITY CLERK.

OFFICE OF THE CITY CLERK, }
January 1, 1906.

To the Honorable, the Mayor, and the Board of Aldermen:—

Gentlemen,—The following is respectfully submitted as the thirty-fourth annual report of the city clerk of the city of Somerville, and is for the year ending December 31, 1905:—

The receipts and payments were as follows:—

Receipts.

Balance from year 1904, being for dog licenses issued in December, 1904:—		
35 males at \$2.00	\$70 00	
9 females at \$5.00	45 00	
	\$115 00	
Less city clerk's fees paid to the treasurer in December, 1904, 44 at \$.20	8 80	
		\$106 20
For dog licenses issued in 1905:—		
1,583 males at \$2.00	\$3,166 00	
312 females at \$5.00	1,560 00	
66 spayed at \$2.00	132 00	
4 breeders' licenses at \$25.00	100 00	
		4,958 00
Recording mortgages, assignments, etc., 908 papers	\$523 25	
Certificates of marriage intentions, 727 at \$.50	363 50	
Furnishing copies of records	52 25	
Licenses:—		
To collect junk, 33 at \$10.00	330 00	
1 license refused, but money not called for	10 00	
For junk shop, 2 at \$25.00	50 00	
For billiard and pool tables and bowling alleys, 17 licenses for 58 tables and 12 alleys, at \$2.00	140 00	
To private detectives, 2 at \$10.00	20 00	
To auctioneers, 23 at \$2.00	46 00	
To sell fireworks, 49 at \$1.00	49 00	
To keep intelligence offices, 11 at \$2.00	22 00	
For amusements, 41 at \$1.00	41 00	
To street musicians, 24 persons at \$.50	12 00	
4 persons refused licenses, but money not called for	2 00	
Amounts carried forward	\$1,661 00	\$5,064 20

Amounts brought forward	\$1,661 00	\$5,064 20
To slaughter cattle, 5 at \$1.00	5 00	
1 refused, but money not called for	1 00	
To keep roller skating rink, 2 at \$25.00	50 00	
Recording and issuing liquor licenses, 34 at \$1.00	34 00	
Interest on deposits	12 38	
	<hr/>	1,763 38
Total receipts		<hr/> <hr/> \$6,827 58

Payments.

To Joseph O. Hayden, county treasurer, June 1 and December 1, receipts for dog licenses from December 1, 1904, to November 30, 1905, both inclusive:—		
1,615 males at \$2.00	\$3,230 00	
319 females at \$5.00	1,595 00	
66 spayed at \$2.00	132 00	
4 breeders' licenses at \$25.00	100 00	
	<hr/>	
	\$5,057 00	
Less city clerk's fees, 2,004 at \$.20	400 30	
	<hr/>	\$4,656 20
To the city treasurer, monthly:—		
City clerk's fees for issuing and recording dog licenses, 1,965 at \$.20	\$393 00	
All the receipts above specified, except for dog licenses	1,763 38	
	<hr/>	2,156 38
Total payments		<hr/> <hr/> \$6,812 58
Balance January 1, 1906, being for dog li- censes issued in December:—		
3 males at \$2.00	\$6 00	
2 females at \$5.00	10 00	
	<hr/>	
	\$16 00	
Less city clerk's fees paid to the city treasurer, 5 at \$.20	1 00	
	<hr/>	\$15 00
		<hr/> <hr/>

Licenses and Permits.

Besides the licenses mentioned in the foregoing list of receipts, licenses and permits have been granted and issued without charge, as follows:—

Amusements, Somerville High School Athletic Association, foot- ball games (fees remitted)	14
Innholders	3
Common victuallers	43
Auctioneers (to veterans of the Civil War)	4
Drain layers	12
Drain layer's license granted, but bond not filed	1
Newsboys	323

Newsboys' licenses revoked	10
Junk collectors, to cry calling in streets	33
To cry goods in streets	18
Number in addition granted but not called for	15
To ring bell in streets:—	
Ice cream venders	1
Number in addition granted but not called for	7
Scissors' sharpeners	4
Umbrella menders	3
To Socialist party to hold series of outdoor meetings	1
To set up and use engines:—	
gas engines	9
steam engine	1
electric engine	1
To blast rock or stone	6
To maintain projections over sidewalks:—	
signs	25
lights attached to buildings	4
barber's pole	1
awnings	4
chutes over sidewalk	1
gas light and sign corner of street	1
To set and maintain hitching posts	7
To place and maintain stepping block on outer edge of sidewalk	2
To construct coal holes in sidewalk	2
To move buildings through streets	15
To Somerville Fourth of July Association to use certain public grounds for the purpose of the celebration	1
To use storage tank for kerosene oil	1
To use building for keeping, storage, and sale of gasolene	1
To keep lying-in hospital	1
To lay iron pipe in street	1

Gas and Pole Locations.

The Cambridge Gas Light Company and the Charlestown Gas and Electric Company have been granted permission to lay gas mains in sundry streets.

Permission has also been given The New England Telephone and Telegraph Company of Massachusetts and The Edison Electric Illuminating Company of Boston to erect poles for the support of wires in various streets.

In every case of such permission to use the streets, a suitable agreement for the protection of the interests of the city must be filed with the city clerk before the order can become operative.

Births.

Number of births (exclusive of still-births) in Somerville	
in 1905 registered	1,570
Less than previous year	9
Males	796
Females	774
	1,570

Born of American parents	561	
Born of foreign parents	644	
Born of American father and foreign mother	172	
Born of foreign father and American mother	181	
Born of American mother and father of unknown nationality	8	
Born of foreign mother and father of unknown nationality	4	
	<hr/>	1,570
Number of still-births in Somerville in 1905 registered		58
Number of births in other places in 1905 registered in Somerville		199
		<hr/>
		1,827
Number reported by both canvasser and physician or midwife	1,173	
Number reported by canvasser alone	391	
Number reported by physician or midwife	156	
Number reported by clerk or registrar of other place and canvasser	24	
Number reported by clerk or registrar of other place and physician	23	
Number reported by clerk or registrar of other place, canvasser and physician	7	
Number reported by clerk or registrar of other place	26	
Number of still-births taken from death records	9	
Number of births found in death records and not otherwise reported	18	
	<hr/>	1,827
Number of cases of twins		21
Number of cases of triplets		1

Marriages.

Number of intention certificates issued in 1905		727
More than previous year		23
Marriages registered		778
More than previous year		42
Both parties American	411	
Both parties foreign	178	
American groom and foreign bride	98	
Foreign groom and American bride	91	
	<hr/>	778 couples
First marriage of	1,398	
Second marriage of	148	
Third marriage of	10	
	<hr/>	778 couples

Deaths.

(Exclusive of still-births.)

Number of deaths in Somerville in 1905		968
More than previous year		4
Males		453
Females		515
	<hr/>	968

Under ten years of age		243	
10 and under 20 years of age		26	
20 and under 30 years of age		67	
30 and under 40 years of age		68	
40 and under 50 years of age		80	
50 and under 60 years of age		98	
60 and under 70 years of age		132	
70 and under 80 years of age		172	
80 and under 90 years of age		74	
90 years of age and over		8	
		<hr/>	968
Age of oldest person deceased	96 yrs. 7 mos. 14 dys.		
Born in Somerville		233	
Born in other places in the United States		433	
Of foreign birth		300	
Birthplace unknown		2	
		<hr/>	968
Number of deaths in January		90	
“ “ February		82	
“ “ March		107	
“ “ April		80	
“ “ May		76	
“ “ June		57	
“ “ July		86	
“ “ August		82	
“ “ September		72	
“ “ October		71	
“ “ November		88	
“ “ December		77	
		<hr/>	968

The number of still-births recorded during the year was fifty-eight.

In addition to the above, 126 deaths which occurred elsewhere were recorded in Somerville, almost the entire number of persons deceased having been residents of this city.

Assessed Polls and Registered Voters.

MEN'S LISTS.

WARD.	PRECINCT.	As- sessed Polls, May 1, 1905.	REGISTERED VOTERS.							
			Dec. 1, 1904.	Re- vised Lists of Aug. 1, 1905.	Added in Sept. and Oct., 1905.	Oct. 18, 1905.	Added in Nov., 1905.	Nov. 23, 1905.	Voted Nov. 7, 1905.	Voted Dec. 12, 1905.
Ward 1 . . .	Precinct 1 . . .	1,290	743	637	82	719	13	732	577	532
" 1 . . .	" 2 . . .	518	331	286	37	323	6	329	265	214
" 1 . . .	" 3 . . .	528	385	322	39	361	9	370	293	286
" 1 . . .	" 4 . . .	684	390	336	61	397	4	401	359	343
		3,020	1,849	1,581	219	1,800	32	1,832	1,494	1,375
Ward 2 . . .	Precinct 1 . . .	1,105	453	383	14	397	12	409	257	290
" 2 . . .	" 2 . . .	1,296	603	527	28	555	9	564	385	368
" 2 . . .	" 3 . . .	841	461	405	16	421	14	435	254	294
		3,242	1,517	1,315	58	1,373	35	1,408	896	952
Ward 3 . . .	Precinct 1 . . .	964	690	631	34	665	3	668	489	449
" 3 . . .	" 2 . . .	1,191	759	697	40	737	3	740	525	503
		2,155	1,449	1,328	74	1,402	6	1,408	1,014	952
Ward 4 . . .	Precinct 1 . . .	1,284	818	741	51	792	9	801	593	560
" 4 . . .	" 2 . . .	849	642	554	34	588	4	592	473	421
		2,133	1,460	1,295	85	1,380	13	1,393	1,066	981
Ward 5 . . .	Precinct 1 . . .	1,199	822	732	61	793	12	805	661	595
" 5 . . .	" 2 . . .	674	427	366	37	403	8	411	312	306
" 5 . . .	" 3 . . .	884	490	447	30	477	1	478	376	341
		2,757	1,739	1,545	128	1,673	21	1,694	1,349	1,242
Ward 6 . . .	Precinct 1 . . .	1,421	906	817	40	857	2	859	531	494
" 6 . . .	" 2 . . .	1,149	705	610	57	667	8	675	483	422
" 6 . . .	" 3 . . .	807	451	424	49	473	6	479	349	277
		3,377	2,062	1,851	146	1,907	16	2,013	1,363	1,193
Ward 7 . . .	Precinct 1 . . .	1,115	703	633	44	677	11	688	512	423
" 7 . . .	" 2 . . .	1,589	903	810	75	885	19	904	654	556
		2,704	1,606	1,443	119	1,562	30	1,592	1,166	979
City . . .	. . . . .	19,388	11,682	10,358	829	11,187	153	11,340	8,348	7,674

WOMEN'S VOTING LISTS.

WARD.	PRECINCT.	Dec. 1, 1904.	Revised Lists of Aug. 1, 1905.	Added in Sept. and Oct., 1905.	October 18, 1905.	Added in Nov., 1905.	Nov. 23, 1905.	Voted Decem- ber 12, 1905.
Ward 1	Precinct 1 . .	25	21	..	21	..	21	10
" 1	" 2	5	5	..	5	..	5	..
" 1	" 3	9	7	..	7	..	7	1
1	" 4 . . . .	.	..	..	..	..	..	..
		39	33	..	33	..	33	11
Ward 2	Precinct 1 . .	3	3	..	3	..	3	..
" 2	" 2	5	5	..	5	..	5	..
" 2	" 3	1	1	..	1	..	1	..
		9	9	..	9	..	9	..
Ward 3	Precinct 1 . .	33	27	..	27	..	27	4
" 3	" 2	51	50	1	51	..	51	8
		84	77	1	78	..	78	12
Ward 4	Precinct 1 . .	21	18	..	18	..	18	5
" 4	" 2	20	19	1	20	..	20	6
		41	37	1	38	..	38	11
Ward 5	Precinct 1 . .	48	47	3	50	..	50	4
" 5	" 2	11	9	..	9	..	9	3
" 5	" 3	11	11	..	11	..	11	1
		70	67	3	70	..	70	8
Ward 6	Precinct 1 . .	44	40	1	41	..	41	2
" 6	" 2	21	18	..	18	..	18	..
" 6	" 3	3	3	1	4	1	5	2
		68	61	2	63	1	64	4
Ward 7	Precinct 1 . .	95	86	1	87	..	87	9
" 7	" 2	111	104	..	104	-1	103	10
		206	190	1	191	-1	190	19
City . . . .	. . . . .	517	474	8	482	..	482	65

Elections.

The following is a statement of the votes cast, in the several wards of the city, for the candidates for the various offices, at the state election held November 7, 1905:—

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
GOVERNOR.									
Charles W. Bartlett,	Democratic,	661	578	251	246	467	407	260	2,870
James F. Carey,	Socialist,	19	26	18	18	26	35	24	166
William H. Carroll,	Socialist Labor,	3	4	2	...	7	8	2	26
Curtis Guild, Jr.,	Republican,	750	263	726	774	829	881	844	5,067
Willard O. Wylie,	Prohibition,	5	3	5	11	5	11	20	60
Blank,		56	22	12	17	15	21	16	159
LIEUTENANT-GOVERNOR.									
Thomas F. Brennan,	Socialist Labor,	16	10	...	8	6	10	1	51
Eben S. Draper,	Republican,	680	239	640	679	722	743	731	4,434
Patrick Mahoney,	Socialist,	16	27	16	21	24	35	18	157
John H. Smith,	Prohibition,	14	3	8	15	5	16	27	88
Henry M. Whitney,	Democratic,	682	594	323	318	556	526	363	3,362
Blank,		86	23	27	25	36	33	26	256
SECRETARY.									
Charles C. Hitchcock,	Socialist,	17	29	19	25	33	41	23	187
Jonathan S. Lewis,	Prohibition,	29	5	8	12	6	18	23	101
Henry B. Little,	Democratic,	493	506	162	144	333	269	173	2,080
William M. Olin,	Republican,	761	287	782	836	900	952	884	5,402
Moritz E. Ruther,	Socialist Labor,	40	3	1	1	14	10	5	74
Blank,		154	66	42	48	63	73	58	504
TREASURER AND RECEIVER GENERAL.									
Christopher D. Albro,	Prohibition,	15	6	9	12	8	17	25	92
David S. Brodeur,	Socialist,	14	27	19	25	37	37	28	187
Arthur B. Chapin,	Republican,	803	283	788	829	910	963	922	5,498
Joao Claudino,	Socialist Labor,	10	5	4	4	9	13	17	62
Daniel F. Doherty,	Democratic,	500	521	148	140	306	256	110	1,981
Blank,		152	54	46	56	79	77	64	528
AUDITOR.									
Patrick J. Ashe,	Democratic,	490	512	156	136	306	257	118	1,975
Herbert B. Griffin,	Prohibition,	19	3	9	18	10	22	28	109
E. O. Fredrik Hansson,	Socialist Labor,	9	8	3	2	11	18	2	53
Ambrose Miles,	Socialist,	13	24	20	24	31	33	27	172
Henry E. Turner,	Republican,	789	281	772	822	901	944	919	5,428
Blank,		174	68	54	64	90	89	72	611
ATTORNEY-GENERAL.									
Allen Coffin,	Prohibition,	21	3	18	26	18	29	33	153
Henry C. Hess,	Socialist Labor,	6	17	2	12	10	14	2	63
John P. Leahy,	Democratic,	515	510	170	179	325	284	131	2,114
Dana Malone,	Republican,	758	282	744	744	882	909	891	5,210
John Weaver Sherman,	Socialist,	26	27	25	25	32	42	35	212
Blank,		168	57	55	80	82	85	69	596

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
COUNCILLOR.									
Warren W. Rawson,	Republican,	764	272	770	803	871	918	895	5,293
George A. Sanderson,	Democratic,	538	530	186	173	353	315	178	2,273
Squire Putney,		....	....	....	....	....	1	....	1
Blank,		192	94	58	90	125	129	93	781
SENATOR.									
Charles E. Blaisdell,	Socialist,	25	33	20	32	38	48	32	228
Alvah E. Dearborn,	Democratic,	506	529	180	164	316	291	158	2,144
Elmer A. Stevens,	Republican,	791	269	769	812	898	935	888	5,362
Blank,		172	65	45	58	97	89	88	614
REPRESENTATIVE, SIXTH DIST.									
John Diggins,	Democratic,	790	....	....	....	....	....	....	790
F. DeWitt Lapham,	Republican,	646	....	....	....	....	....	....	646
Blank,		58	....	....	....	....	....	....	58
REPRESENTATIVES, 7TH DIST.									
Charles V. Blanchard,	Republican,	....	266	729	....	....	910	870	2,775
Robert Luce,	Republican,	....	265	757	....	....	915	864	2,801
John L. Nichols,	Democratic,	....	461	178	....	....	291	167	1,097
Arthur P. Vinal,	Republican,	....	274	780	....	....	923	866	2,843
Lawrence J. Ward,	Democratic,	....	479	126	....	....	234	112	951
Frederick J. White,	Democratic,	....	493	169	....	....	255	146	1,063
Warren C. Daggett,		....	....	....	....	....	1	....	1
Squire Putney,		....	....	....	....	....	1	....	1
F. W. Wolffe,		....	....	....	....	....	2	....	2
Nicholas Plimpton,		....	....	....	....	....	1	....	1
S. J. Holzwasser,		....	....	....	....	....	1	....	1
W. H. Berry,		....	....	....	....	....	1	....	1
Blank,		....	450	303	....	....	554	473	1,780
REPRESENTATIVE, EIGHTH DIST.									
John P. Burke,	Democratic,	....	....	....	133	329	....	....	462
John J. Higgins,	Republican,	....	....	....	625	704	....	....	1,329
Charles A. Kenneson,	{ Republican Citizens' Nom. Paper,	....	....	....	257	259	....	....	516
Blank,		....	....	....	51	57	....	....	108
COUNTY COMMISSIONER.									
Frederick Bancroft,	Democratic,	527	518	183	164	346	297	154	2,189
Levi S. Gould,	Republican,	783	275	758	815	895	939	906	5,371
G. E. Hatch,		....	....	....	....	....	1	....	1
Blank,		184	103	73	87	108	126	106	787
REGISTER OF PROBATE AND INSOLVENCY.									
Alfred Belanger,	Democratic,	521	525	162	144	319	271	135	2,077
William E. Rogers,	Republican,	788	273	778	829	895	948	923	5,434
Blank,		185	98	74	93	135	144	108	837

The following is a statement of the votes cast in the several wards of the city for the candidates for the various offices, and on the questions submitted to the voters, at the city election held December 12, 1905:—

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
MAYOR.									
Abraham A. Elston,	Citizens' Nom. Paper, Democratic, Republican,	665	748	343	365	489	519	350	3,479
Charles A. Grimmons,		672	190	585	585	731	655	613	4,031
S. Holzwsser,		.....	.....	.....	.....	.....	1	.....	1
James Wilson,		.....	.....	.....	.....	.....	1	.....	1
Albion A. Perry,		.....	.....	.....	.....	.....	1	.....	1
W. A. Chandler,		.....	.....	1	.....	.....	.....	.....	1
Blank,		38	14	23	31	22	16	16	160
ALDERMAN-AT-LARGE, WARD 1.									
John P. Rouse,	Democratic,	518	537	178	141	346	278	104	2,102
Elmer H. Spaulding,	Republican,	741	199	676	707	759	753	723	4,558
Blank,		116	216	98	133	137	162	152	1,014
ALDERMAN-AT-LARGE, WARD 2.									
William H. Smith,	Republican,	716	505	744	729	840	844	740	5,118
George Rand,		.....	.....	.....	.....	.....	.....	1	1
Thomas Jones,		.....	.....	.....	.....	1	.....	.....	1
William Kelly,		.....	.....	.....	.....	.....	1	.....	1
C. A. Page,		.....	1	.....	.....	.....	.....	.....	1
George L. Marshall,		.....	.....	.....	.....	.....	1	.....	1
Blank,		659	446	208	252	401	347	238	2,551
ALDERMAN-AT-LARGE, WARD 3.									
William F. Barker,	Republican,	660	283	704	718	825	795	736	4,721
Frank Brown,		.....	1	.....	.....	.....	.....	.....	1
Blank,		715	668	248	263	417	398	243	2,952
ALDERMAN-AT-LARGE, WARD 4.									
Henry T. Gallishaw,	Democratic,	453	487	173	169	302	272	102	1,958
Sidney B. Keene,	Republican,	597	189	648	702	759	709	698	4,302
Blank,		325	276	131	110	181	212	179	1,414
ALDERMAN-AT-LARGE, WARD 5.									
Jesse S. Newcomb,	Republican,	660	270	685	723	912	778	730	4,758
Wm. F. McKenna,		.....	.....	.....	.....	1	.....	.....	1
E. L. Jensen,		.....	.....	.....	.....	1	.....	.....	1
Blank,		715	682	267	258	328	415	249	2,914
ALDERMAN-AT-LARGE, WARD 6.									
Frank D. Wilkins,	Republican,	667	255	686	699	820	822	726	4,675
William L. Waugh,		.....	.....	.....	.....	.....	1	.....	1
Charles W. Eldridge,		.....	.....	.....	.....	.....	1	.....	1
David Piggott,		.....	.....	.....	.....	1	.....	.....	1
John B. Rufus,		.....	.....	.....	.....	.....	1	.....	1
E. A. Mahoney,		.....	.....	.....	.....	.....	1	.....	1
John B. Rufer,		.....	.....	.....	.....	.....	1	.....	1
J. B. Ruffer,		.....	.....	.....	.....	.....	1	.....	1
Blank,		708	697	266	282	421	365	253	2,992

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
ALDERMAN-AT-LARGE, WARD 7.									
Zebedee E. Cliff,	Republican,	653	271	684	694	854	793	834	4,783
John Taylor,		...	...	...	...	1	...	...	1
Blank,		722	681	268	287	387	400	145	2,890
WARD ALDERMEN (2) WARD 1.									
David B. Armstrong,	Republican,	631	....	....	....	....	....	....	631
Edward Coliton,	Democratic,	572	....	....	....	....	....	....	572
William F. Remnick,	Democratic,	636	...	....	....	....	....	....	636
William F. Remick,		1	....	....	....	....	....	....	1
Thomas W. Sutherland,	Republican,	674	....	....	....	....	....	....	674
Blank,		236	....	....	....	....	....	....	236
WARD ALDERMEN (2) WARD 2.									
William A. Flaherty,	Democratic,	....	631	....	....	....	....	....	631
John M. Hanson,	Republican,	....	219	....	....	....	....	....	219
Frank J. Lane,	Republican,	....	190	....	....	....	....	....	190
Joseph P. Phillips,	Democratic,	....	607	....	....	....	....	....	607
Blank,		....	257	....	....	....	....	....	257
WARD ALDERMEN (2) WARD 3.									
William M. Armstrong,	Republican,	....	....	719	....	....	....	....	719
Leonard W. Cole,	Republican,	....	....	704	....	....	....	....	704
Blank,		....	....	481	....	....	....	....	481
WARD ALDERMEN (2) WARD 4.									
John Joseph Dellea,	Democratic,	....	....	....	132	....	....	....	132
Charles W. Hodgdon,	Republican,	....	....	....	705	....	....	....	705
Charles S. McCarthy,	Democratic,	....	....	....	112	....	....	....	112
David C. Theall,	Republican,	....	....	....	742	....	....	....	742
C. A. Kirkpatrick,		....	....	....	1	....	....	....	1
Daniel O'Brien,		....	....	....	1	....	....	....	1
J. H. Kimball,		....	....	....	1	....	....	....	1
Blank,		....	....	....	268	....	....	....	268
WARD ALDERMEN (2) WARD 5.									
Charles A. Burns,	Republican,	....	....	....	....	803	....	....	803
John T. Donovan,	Democratic,	....	....	....	....	300	....	....	300
Francis Q. Harrington,	Democratic,	....	....	....	....	306	....	....	306
J. Frank Mixer,	Republican,	....	....	....	....	804	....	....	804
Blank,		....	....	....	....	271	....	....	271
WARD ALDERMEN (2) WARD 6.									
John F. Aylward,	Democratic,	....	....	....	....	....	285	....	285
Frank P. Gould,	Democratic,	....	....	....	....	....	270	....	270
Chester S. McFarland,	Republican,	....	....	....	....	....	753	....	753
Richard Van Ummersen,	Republican,	....	....	....	....	....	731	....	731
Sam Hodzwsser,		....	....	....	....	....	1	....	1
Blank,		....	....	....	....	....	346	....	346
WARD ALDERMEN (2) WARD 7.									
James Davis,	{ Republican Ind. Nom. Paper, Republican, }	....	....	....	....	....	....	783	783
Edward H. Kingman,	{ Republican Ind. Nom. Paper, Democratic, Republican, }	....	....	....	....	....	....	786	786
Blank,		....	....	....	....	....	....	389	389

CANDIDATE.	Party.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
SCHOOL COMMITTEE (2 yrs.) WARD 1									
Henry F. Curtis,	Republican,	736	....	....	....	....	....	....	736
John T. Quinn,	Democratic,	538	....	....	....	....	....	....	538
Blank,		112	....	....	....	....	....	....	112
SCHOOL COMMITTEE (2 yrs.) WARD 2									
Daniel H. Bradley,	Democratic,	....	598	....	....	....	....	....	598
Edward F. Carl,	Republican,	....	190	....	....	....	....	....	190
Blank,		....	164	....	....	....	....	....	164
SCHOOL COMMITTEE (2 yrs.) WARD 3									
George E. Whitaker,	Republican,	....	....	676	....	....	....	....	676
Fred. J. White,	Democratic,	....	....	192	....	....	....	....	192
Blank,		....	....	96	....	....	....	....	96
SCHOOL COMMITTEE (2 yrs.) WARD 4									
Douglass B. Foster,	Democratic,	....	....	....	402	....	....	....	402
Charles A. Kirkpatrick, Jr.,	Republican,	....	....	....	515	....	....	....	515
Blank,		....	....	....	75	....	....	....	75
SCHOOL COMMITTEE (2 yrs.) WARD 5									
Henry H. Folsom,	Republican,	....	....	....	....	770	....	....	770
Albert E. Hughes,	Democratic,	....	....	....	....	398	....	....	398
F. H. Flynn,		....	....	....	....	1	....	....	1
Blank,		....	....	....	....	81	....	....	81
SCHOOL COMMITTEE (2 yrs.) WARD 6									
Frederick A. P. Fiske,	Republican,	....	....	....	....	....	778	....	778
Joseph H. Frazer,	Democratic,	....	....	....	....	....	256	....	256
Blank,		....	....	....	....	....	163	....	163
SCHOOL COMMITTEE (2 yrs.) WARD 7									
George C. Mahoney,	Republican,	....	....	....	....	....	....	808	808
Geo. Mahoney,	Democratic,	....	....	....	....	....	....	77	77
Blank,		....	....	....	....	....	....	113	113
SHALL LIQUOR LICENSES BE GRANTED?									
Number of "Yes" votes,		520	609	254	207	348	341	204	2,483
Number of "No" votes,		697	251	639	722	831	787	733	4,660
Blank,		158	92	59	52	63	65	42	531
SHALL CHAPTER 373 OF THE ACTS OF 1905 BE ACCEPTED?									
Number of "Yes" votes,		437	248	350	372	445	414	371	2,637
Number of "No" votes,		341	279	207	185	292	264	193	1,761
Blank,		597	425	395	424	505	515	415	3,276

Liquor License Question.

The statement of the votes during the several years of its submission to the people on the question of granting licenses for the sale of intoxicating liquors in this city is continued in this report.

The power of the board of aldermen to grant licenses of the sixth and seventh classes is not affected by the vote on this question. In fact, the law provides that the board shall annually grant one or more licenses of the sixth class. These two classes are defined as follows:—

Sixth Class,—Licenses to retail druggists and apothecaries to sell liquors of any kind for medicinal, mechanical, or chemical purposes only, and to such persons only as may certify in writing for what use they want them.

Seventh Class,—Licenses to dealers in paints or in chemicals to sell alcohol for mechanical, manufacturing, or chemical purposes only.

The following is a statement of the votes on the question, the number of registered voters, and the estimated population in the several years:—

YEAR.	YES.	NO.	BLANK.	REGISTERED VOTERS.	ESTIMATED POPULATION.
1881	979	1,222		3,678	26,000
1882	627	1,159		3,778	26,500
1883	767	1,343		4,407	27,000
1884	806	1,709		4,470	28,000
1885	428	1,604		3,969	*29,992
1886	214	1,321		4,089	32,000
1887	555	2,427		4,574	34,000
1888	744	2,456		5,399	36,000
1889	635	1,706	335	5,286	39,000
1890	999	2,282	409	5,556	*40,117
1891	1,054	2,598	279	5,938	43,000
1892	1,427	3,288	347	7,587	46,000
1893	1,547	2,654	218	7,943	48,000
1894	1,098	2,869	246	8,007	50,000
1895	1,854	4,708	459	8,410	*52,200
1896	1,466	3,680	332	9,379	54,000
1897	1,626	3,815	486	8,925	56,000
1898	1,595	3,501	486	8,657	57,500
1899	1,892	3,340	374	8,838	60,000
1900	1,660	3,427	321	9,620	*61,643
1901	1,579	3,295	374	9,499	63,500
1902	1,645	3,242	360	10,100	65,000
1903	2,248	4,410	550	11,346	67,000
1904	2,022	4,338	447	11,682	69,500
1905	2,483	4,660	531	11,340	*69,272

* Census.

GEORGE I. VINCENT.

Early in the year the city suffered the loss of its city clerk, George I. Vincent.

Mr. Vincent was born in Somerville July 6, 1851. His parents removed to Bangor, Me., in 1854, where he resided until their return to Somerville in 1867.

For the next seven years he was in the employ of an importing goods house in Boston as office boy, and later as entry clerk, which position he occupied until he entered the employ of the city in March, 1874.

His first appointment in the municipal service was by Mayor Furber, as clerk for the board of assessors. To this duty was added the clerkship of several committees, and, in 1878, that of the board of health. In 1882 the office of clerk of assessors and committees was created by ordinance, and Mr. Vincent was its first incumbent.

On February 28, 1888, he was unanimously elected city clerk, to fill the vacancy caused by the death of former City Clerk Charles E. Gilman, and continued in that office until his death on February 5, 1905.

Beginning his service but two years after the city's incorporation, his labor in municipal affairs, extending over a period of more than thirty years, had brought him into close personal relations with all who had been identified in any way with the city's growth and development. To them, and to the public at large, the announcement of his death came with the force of a great public calamity.

Loyal and true to every duty, steadfast for the right, of un-failing courtesy, a wise counsellor, and a staunch friend,—Mr. Vincent was an ideal man and public servant.

FREDERIC W. COOK,
City Clerk.

ORDINANCES.

Somerville, February 17, 1906.

The following ordinances have been adopted since the printing of the annual reports for the year 1904.

FREDERIC W. COOK,
City Clerk.

No. 52.

An Ordinance to Provide for Printing of List of City Employees.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. The mayor shall cause to be printed within one month after the first day of May and the first day of November in each year a list of all persons employed by the city during the whole or any portion of the period of six months preceding each of said days. Such list shall show the name, sex, age, place of residence, department, nature of position or service, date of original entrance into service, date of cessation of service, duration of service in the six months, compensation received, increase or decrease of rate of compensation as compared with the previous six months, and whether a citizen of the United States.

Section 2. This ordinance shall take effect upon its passage.

Approved March 30, 1905.

No. 53.

An Ordinance to Amend Section Two of Chapter Eleven of the Revised Ordinances of 1900, Entitled "Board of Health."

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section two of chapter eleven of the Revised Ordinances of 1900 is hereby amended by striking out the words "and may call upon the police department and other officers of the city to aid it in the performance of its duties," and inserting in place thereof the words, "provided, however, that the offal shall be sold directly to the retail purchasers, and the proceeds of the sales shall be credited to the health department account," so that said section shall read as follows: Section 2. The board of health shall make provision by contracts, or in such other manner as it shall deem expedient for the cleansing of private cesspools, vaults, and privies, and for the collection, carrying away, sale, and disposal of the house offal and the ashes and house dirt of the city; provided, however, that the offal shall be sold directly to the retail purchasers, and the proceeds of the sales shall be credited to the health department account. It shall annually, in the month of January, make a report to the Board of Aldermen.

Section 2. The board of health may call upon the police department and other officers of the city to aid it in the performance of its duties.

Section 3. This ordinance shall take effect upon its passage.

Passed April 5, 1905.

No. 54.**An Ordinance Relative to the Placing of Wires Underground.**

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. The commissioner of electric lines and lights is hereby designated as the officer who shall have the authority and perform the duties provided for by chapter 278 of the Acts of the Legislature of Massachusetts for the year 1905, entitled "An act relative to wires and electrical appliances in the city of Somerville."

Section 2. This ordinance shall take effect upon its passage.

Approved May 29, 1905.

No. 55.**An Ordinance to Amend Chapter Twenty-seven of the Revised Ordinances of 1900. Entitled "Hawkers and Pedlers."**

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section 1 of chapter 27 of the Revised Ordinances of 1900 is hereby amended by striking out the words "one of chapter sixty-eight of the public statutes," and inserting in place thereof the words, fifteen of chapter sixty-five of the Revised Laws as amended by chapter three-hundred and seventy-seven of the Acts of the Legislature of Massachusetts, of the year nineteen hundred and five, entitled "An Act relative to Hawkens and Pedlers," so as to read as follows: Section 1. No hawker or pedler shall expose for sale or sell any of the articles enumerated in section fifteen of chapter sixty-five of the Revised Laws as amended by chapter three hundred and seventy-seven of the acts of the legislature of Massachusetts of the year nineteen hundred and five, entitled "An Act Relative to Hawkens and Pedlers," unless, within one year prior thereto, he shall have recorded his name and residence with the board of health, and been assigned a number and furnished a certificate of such record by said board. Said certificate shall be exhibited by him whenever requested by a police officer, or the sealer of weights and measures, or any agent or member of the board of health.

Section 2. This ordinance shall take effect upon its passage.

Approved July 14, 1905.

No. 56.**An Ordinance to Repeal Section 6 of Chapter XXIX of the Revised Ordinances of 1900.**

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section 6 of chapter XXIX of the Revised Ordinances of 1900 is hereby repealed.

Section 2. This ordinance shall take effect upon its passage.

Approved December 30, 1905.

No. 57.**An Ordinance to Repeal Ordinance No. 52.**

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. An ordinance entitled "An Ordinance to Provide for Printing of List of City Employees," passed by the Board of Aldermen March 23, 1905, and approved by the mayor March 30, 1905, is hereby repealed.

Section 2. This ordinance shall take effect upon its passage.

Approved February 9, 1906.

JURY LIST OF THE CITY OF SOMERVILLE.

Prepared by the Registrars of Voters, under Chapter 176 of the Revised Laws, January 30, 1906.

Posted February 13, 1906, and accepted by the Board of Aldermen March 9, 1906.

A

Abbott, Alonzo F., 8 Concord avenue, Packing agent.
Adams, Charles, 117 Highland avenue, Machinist.
Adams, Charles M., 22 Highland rd., Insurance adjuster.
Adams, Frank H., 46 Summer street, Treasurer.
Adcock, John H., 205 Highland avenue, Plumber.
Albee, John G., 101 Flint street, Clerk.
Alexander, Harrison B., 4 Highland avenue, Brakeman.
Allen, George H., 29 Rogers avenue, Real estate dealer.
Allison, James W., 95 Mt. Vernon street, Carpenter.
Andrews, Francis H., 27 Knowlton street, Brakeman.
Andrews, Horace W., 172 Broadway, Builder.
Andrews, John, 34 Albion street, Agent.
Armstrong, Thomas W., 39 Partridge avenue, Watchman.
Arnold, L. Frank, 28 Vinal avenue, Treasurer.
Attwood, J. Lorenzo, 18 Herbert street, Bookkeeper.
Atwater, George W., 1 Avon street, Foreman.
Atwell, Horace F., 7 Newbury street, Salesman.

B

Babb, Charles D., 37 Bradley street, Salesman.
Babb, Nathaniel F., 193 School street, Salesman.
Babbitt, Artemas B., 110 Perkins street, Machinist.
Bacon, Oliver, 19 Pembroke street, Bookkeeper.
Baier, Fred J., 7 Shawmut place, Electrician.
Bailey, Walter C., 72 Mt. Vernon street, Engraver.
Baker, Jacob, 26 Trull street, Paperhanger.
Baker, Nicholas, 9 Bedford street, Cooper.
Baker, Roger H., 9 Bedford street, Cooper.
Baker, Roswell F., 26 Hudson street, Salesman.
Ball, Charles C., 122 Holland street, Clerk.
Bancroft, Edward A., 31 School street, Barrel dealer.
Barker, William H., 367 Summer street, Manufacturer.
Barnes, Frank, 24 Milton street, Box manufacturer.
Bartlett, George E., 5 North Union street, Machinist.
Bassett, Albert H., 17 Everett street, Real estate agent.
Bateman, Charles R., 1228 Broadway, Station master.
Beals, William H., 27 Howe street, Clerk.
Bean, George W., 21 Webster avenue, Retired policeman.
Bean, John D., 3 Lincoln street, Teamster.
Beckley, Henry F., 221 Morrison avenue, Salesman.
Beckman, Frank W., 36 Stone avenue, Clerk.
Beirne, Patrick H., 154 Linwood street, Brass finisher.
Belding, Oscar H., 182 Highland avenue, Builder.
Bennett, Dana W., 41 Putnam street, Insurance agent.
Bennett, Daniel J., 37 Stone avenue, Harness maker.
Bentley, George W., 19 Adams street, Com. merchant.
Berry, Arthur W., 53 Hudson street, Builder.

Berton, John F., 134 College avenue, Painter.
 Bertwell, Henry P., 20 Cameron avenue, Car conductor.
 Billings, George A., 75 Willow avenue, Collector.
 Bishop, William F., 20 Wheeler street, Bookkeeper.
 Blake, Charles M., 11 Preston road, Newsdealer.
 Blake, Frank R., 21 Derby street, Machinist.
 Boodry, George R., 26 Josephine avenue, Stereotyper.
 Booker, James A., 20 Windsor road, Clerk.
 Bossey, Charles W., 22 Ashland street, Salesman.
 Bossey, Thomas F., 111 Elm street, No occupation.
 Bosworth, William H., 10 Powder House ter., Adv. mgr.
 Boutin, Abraham, 18 Park avenue, Janitor.
 Bowen, Lorenzo W., 16 Broadway, Decorator.
 Bowman, Henry F., 10 Winter-hill circle, Lithographer.
 Boyer, George R., 29 Wigglesworth street, Builder.
 Brabrook, Albert A., 126 Walnut street, Clerk.
 Brackett, Ira A., 60 Burnside avenue, Carriage dealer.
 Bradley, Daniel A., 67 Beacon street, Piano finisher.
 Bradshaw, Charles H., 7 Westwood rd., Real estate agt.
 Brady, George E., 318 Somerville avenue, Confectioner.
 Brady, William J., 76 Rogers avenue, Clerk.
 Branagan, James, 62 Dane street, Produce.
 Bremner, John A., 49 Bow street, Picture frame mfr.
 Brett, Charles G., 50 Cedar Street, Clerk.
 Briggs, Sylvester R., 110 Pearl street, Broker.
 Brigham, Charles A., 3 Dell street, Produce salesman.
 Brine, Charles F., 36 Columbus avenue, Tailor.
 Brown, Charles E., 36 Albion street, Carpenter.
 Brown, Fred E., 311 Washington street, Bookkeeper.
 Brown, Fred R., 258 Broadway, Expressman.
 Brown, John H., 311 Washington street, Painter.
 Brown, Lyman H., 42 Columbus ave., Livery stable kpr.
 Brown, William C., 58 Beech street, Builder.
 Buckley, Patrick W., 17 Garden court, Confec'y dealer.
 Bucknam, Davis P., 12 Vine street, Mason.
 Bullard, Walter H., 22 Stickney avenue, Grocer.
 Buntin, Frederick R., 32 Cedar st., Feather duster mfr.
 Burbank, Munroe A., 9 Autumn street, Butter dealer.
 Burgess, Edward W., 59 Otis street, Pedler.
 Burgess, William H., 38 Cambria street, Bond salesman.
 Burke, Walter W., 337 Washington street, Hatter.
 Burns, Arthur M., 20 Auburn avenue, Insurance agent.
 Bursaw, William J., 423 Broadway, Insurance agent.
 Burton, Edward H., 41 Meacham rd., Provision salesman.
 Burton, Walter, 2 Homer square, Artist.
 Bushee, Charles E., 370 Somerville avenue, Druggist.
 Butters, Charles S., 51 Church street, Provision dealer.
 Butterworth, Robert, 172 Summer street, Manufacturer.
 Buttiner, Maurice, 351 Lowell street, Contractor.

C

Cadwallader, Thomas J., 3 Lawson terrace, Gateman.
 Cain, John, 147 Cross street, Packer.
 Caldwell, David J., 50 Preston road, Clerk.
 Cameron, William G., 5 Lester terrace, Carpenter.
 Camp, Dan M., 60 Sydney street, Salesman.
 Campbell, William J., 26 Loring street, Machinist.
 Card, Frederick L., 243 Pearl street, Provision dealer.
 Carl, Edward F., 27½ Rossmore street, Harness maker.
 Carpenter, Albert Q., 7 Sargent avenue, Tinsmith.

Carr, Roy W., 130 College avenue, Confectioner.
 Carr, William R., 26 Fairmount avenue, Real estate agt.
 Carruth, Frederick J., 34 Willow avenue, Salesman.
 Cate, Nathan E., 23 Everett avenue, Freight clerk.
 Cavanaugh, Maurice F., 7 Bowdoin street, Teamster.
 Chadwick, A. LeRoy, 30 Charnwood road, Cashier.
 Chalmers, David, 9 Lincoln street, Motorman.
 Chandler, Charlie S., 7 Medina bldg., Elm st., Painter.
 Chapin, Hiram O., 44 Dover st., Commission merchant.
 Chase, Washington I., 85 Vine street, Distiller.
 Cheeney, Clinton L., 38 Berkeley street, Confectioner.
 Chickering, William H., 15 Evergreen avenue, Clerk.
 Christie, Trott K., 22 Oliver street, Teamster.
 Christopher, Emerson R., 219 Summer street, Grocer.
 Clancy, Edward F., 90 Webster avenue, Candy maker.
 Clark, Charles W., 21 Westminster street, Shipper.
 Clark, George W., 65 Central street, Cruller mfr.
 Clarke, Charles E., 31 Berkeley street, Salesman.
 Clarke, George B., 31 Berkeley street, Electrotyper.
 Clement, Herman J., 35 Marshall street, Printer.
 Clough, Warren A., 64 Church street, Pattern maker.
 Coan, Thomas S., 18 Fremont street, Bookkeeper.
 Cochran, Orlando R., 5 Campbell park, Salesman.
 Coffin, Clarence D., 67 Hall avenue, Builder.
 Cohen, Bennett, 100 Cedar street, Advertising agent.
 Colbert, Edward, 25 Monmouth street, Bookkeeper.
 Colby, Charles E., 5 Morgan street, No occupation.
 Cole, Abram L., 42 Everett avenue, Provision dealer.
 Cole, Daniel H., 22 Edmands street, Clerk.
 Coliton, Edward J., 87 Linwood street, Grocer.
 Collieson, Clarence E., 19 Park avenue, Leather dealer.
 Collins, John D., 22 Vine street, Mason.
 Colman, Charles W., 151 Central street, Architect.
 Comfort, James J., 5 Taunton street, Collector.
 Conant, George H., 8 Park avenue, No occupation.
 Conant, William C., 28 Central street, Mirror mfr.
 Concannon, John H., 50 Joy street, Produce dealer.
 Concannon, William, 131 Somerville avenue, Produce.
 Condit, Fred H., 255 Medford street, Musician.
 Condit, Sears, 255 Medford street, Real estate dealer.
 Connelly, Joseph A., 11 Craigie terrace, Sub-foreman.
 Connelly, Lawrence C., 15 Charles street, Shipper.
 Coogan, John P., 23 Dane avenue, Expressman.
 Cook, Forrest D., 301 Highland avenue, Reporter.
 Copithorne, John, 81 School street, Carpenter.
 Corliss, Charles H., 36 Greenville street, Butter dealer.
 Coyle, George R., 49 Main street, Salesman.
 Craig, John W., 97 Washington street, Blacksmith.
 Creighton, Fred'k W., 328-A Highland ave., Bookkeeper.
 Crenner, Bartlett P., 61 Adams street, Leather dealer.
 Crocker, Lancis S. J., 19 Church street, Teamster.
 Crosby, Clifford F., 348 Summer st., Ventilating engin'r.
 Cross, John A., 104 Pearl street, Bookkeeper.
 Crotty, William B., 466 Somerville avenue, Grocer.
 Cullen, Christopher J., 11 Joy-street place, Teamster.
 Cullin, Edwin, 222 Broadway, Grocer.
 Cullis, Edwin J., 201 Pearl street, Clerk.
 Cunningham, Thomas A., 60 Beacon street, Grocer.
 Curran, Reuben L., 62 Otis street, Foreman.
 Currier, Francis E., 15 Flint street, Mason.
 Currier, William M., 9 Lesley avenue, Bookkeeper.

Cushing, Frederick E., 20 Marshall street, Painter.
 Cutler, Frank E., 70 Pearl street, Painter.
 Cutter, George B., 4 Pleasant avenue, Musician.

D

Dadmun, Henry H., 48 Oxford street, Salesman.
 Daggett, William H., 133 Summer street, Bookkeeper.
 Dalton, Charles X., 99 Highland avenue, Manufacturer.
 Dalton, Fred M., 330-A Highland avenue, Marketman.
 Dalton, James H., 22 Powder House terrace, Grocer.
 Damon, Ellis H., 50 Hudson street, Bookkeeper.
 Danforth, George E., 149 Lowell street, Clerk.
 Daniels, Edward S., 50 Spring street, Piano tuner.
 D'Arcy, John J., 2 Campbell park, Photographer.
 Dardis, John F., 8 Taunton street, Polisher.
 Davenport, Foster L., 301 Summer street, Conductor.
 Davenport, Howard H., 85 Munroe street, Asst. supt.
 Davis, Albert I., 35 Fairmount avenue, Bookkeeper.
 Davis, Albert M., 16 Fellsway West, Teamster.
 Davis, Claude E., 230 Broadway, Ice cream mfr.
 Davis, Edward A., 9 Holt avenue, Sail maker.
 Davis, Fred E., 85 Pearl street, Bookkeeper.
 Davis, George E., 46 Vinal avenue, Bookkeeper.
 Davis, George M., 20 Arthur street, Mason and builder.
 Dawes, Henry L., 8 Ashland street, Salesman.
 Dawson, Howard, 70 Albion street, Clerk.
 Day, Wallace W., 263 Highland avenue, Salesman.
 Delay, James, 48 Beacon street, Florist.
 Dennett, Alexander H., 20 Monmouth st., Paperhanger.
 Dennett, John M., 23 William street, Stable keeper.
 Dennett, William H., 20 Lovell street, Clerk.
 Densmore, Charles D., 44 Porter street, Merchant.
 Densmore, Edward D., 44 Porter street, Electrician.
 Denvir, William E., 197 Summer street, Shipper.
 Dever, Neil J., 16 Maple street, Teamster.
 DeWolf, Lewis E., 334 Highland avenue, Tailor.
 Dickie, James, 91 Bay State avenue, Electrician.
 Dimick, Charles W., 122 Line street, Manager.
 Dinsmore, Fred C., 8 Arthur street, Grain dealer.
 Ditchfield, Charles L., 22 Windom street, Casket trimmer.
 Doane, Nathaniel P., 19 Grand View ave., Tow boat agt.
 Dodge, Edwin G., 21 Benedict street, Photographer.
 Dodge, William G., 26 Virginia street, Musician.
 Doe, Freeland A., 187 Highland avenue, Cabinet maker.
 Dolloff, Frank S., 62 Cross street, Baker.
 Donaldson, Charles A., 31 Ware street, Engineer.
 Donovan, James J., 63 Webster avenue, Glass maker.
 Dooling, David H., 306 Washington street, Painter.
 Dougherty, John E., 7 Oak street, Clerk.
 Douglas, Charles E. M., 20 Stone avenue, Salesman.
 Dow, Arthur F., 66 Putnam street, Broker.
 Dowd, Thomas, 50 Fellsway West, Plasterer.
 Downer, Frank O., 181 Medford street, Laborer.
 Downey, Dennis J., 34 Merriam street, Laborer.
 Downing, John L., 30 Burnside avenue, Shipper.
 Drinkwater, Frank M., 872 Broadway, Clerk.
 Driscoll, James F., 17 Cambria street, Machinist.
 Dunbar, John D., 3 Mystic street, Musician.
 Duncan, John, 2 Brastow avenue, Manufacturer.
 Dunham, George J., 54 Adams street, Bicycle dealer.

Dunham, Marshall W., 54 Adams street, Bicycle dealer.
 Dunklee, Daniel D., 109 Sycamore street, Furnace dealer.
 Dustin, Harry N., 40 Church street, Clerk.
 Dwyer, Timothy C., 25 Greene street, Clerk.
 Dyer, Josiah T., 156 School street, Men's furnishings dlr.
 Dyson, Noble, 7 Belmont place, Stone cutter.

E

Eager, Oliver M., 39 Warwick street, Machinist.
 Eames, Henry H., 13 Chapel street, Machinist.
 Eastman, Ulysses G., 53 Pritchard avenue, Carpenter.
 Eaton, Clifford C., 86 School street, Musician.
 Edmands, John S., 28 Sycamore street, Architect.
 Edmond, George A., 10 Wesley street, Machinist.
 Edwards, Edward H., 10 James street, Chiropodist.
 Egerton, Charles S., 63 Boston street, Cigar dealer.
 Eklof, Emil E., 15 Morrison avenue, Designer.
 Eldridge, Charles W., 57 Columbus avenue, Tinsmith.
 Eldridge, Frank, 47 Beach street, Salesman.
 Eldridge, Howard M., 16 Gilman street, Clerk.
 Elkins, John F., 142 Medford street, Contractor.
 Ellinwood, George H., 54 Beech street, Chemist.
 Elliott, George E., 103 Glenwood road, Grocer.
 Elliott, Waldo F., 177 Walnut street, Grocer.
 Ellis, William F., 4 Quincy street, Tailor.
 Elston, Abraham A., 25 Preston road, Contractor.
 Emerson, William J., 104 Broadway, Boot & Shoe dealer.
 Emery, Allen A., 71 Gilman street, Butter salesman.
 Emery, George W., 27 Albion street, Draughtsman.
 Estey, Clarence A., 30 Tufts street, Railroad clerk.
 Estey, Joseph Hatfield, 32 Thorndike street, Grocer.
 Ety, Austin S., 203 School street, Manager.
 Everton, Elphonso I., 34 Lake street, Cigar mfr.

F

Fairbanks, Henry I., 152 Walnut street, Salesman.
 Fallon, John F., 7 Beach avenue, Junk dealer.
 Farnham, Charles E., 16 Grand View avenue, Clerk.
 Farrell, Patrick S., 55 Lowell street, Painter.
 Farwell, Ruleffe H., 92 Central street, Pressman.
 Fay, William H., 127 Josephine avenue, Upholstery buyer.
 Fellows, Charles H., 30 Banks street, Accountant.
 Fellows, John H., 12 Elston street, Accountant.
 Fenno, Edwin H., 45 Hancock street, Paymaster.
 Ferguson, Herbert J., 57 Lowell street, Porter.
 Fernald, George M. D., 207 Broadway, Electrician.
 Fifield, Fenno W., 33 Bonair street, Printer.
 Finch, Alfred C., 70 North street, Newspaper shipper.
 Finney, Nathaniel G., 632 Somerville avenue, Painter.
 Fisher, Alphonso, 7 Pearl-street place, Painter.
 Fisher, Edgar M., 14 Stickney avenue, Salesman.
 Fisk, Ellsworth, 44 Heath street, Clerk.
 Fitz, Charles E., 440 Broadway, Bookkeeper.
 Flagg, Charles A., 24 Gibbens street, Conductor.
 Flaherty, Francis E., 261 Washington street, Undertaker.
 Flaherty, James P., 45 Everett avenue, Junk dealer.
 Flaherty, William H., 261 Washington street, Contractor.

Fletcher, John E., 81 Walnut street, Bookkeeper.
 Flynn, Dennis F., 67 Dane street, Upholsterer.
 Flynn, William P., 31 Linden street, Machine helper.
 Foote, Edward H., 138 Sycamore st., Pickle mfr.
 Ford, Charles S., 124-A Cross street, Canvasser.
 Foss, Lewis T., 21 Chandler street, Dentist.
 Foster, Elmer E., 10 Broadway place, Fireman.
 Foster, George W., 7 Evergreen avenue, Insurance agt.
 Foster, John B., 66 Irving street, Artist.
 Fox, Edward W., 123 College avenue, Jeweler.
 Fox, John, 28 Linden street, Laborer.
 Foy, John H., 350 Somerville avenue, Glass worker.
 Friend, Edward, 5 Cameron avenue, Painter.
 Frink, William A., 88 Holland street, Undertaker.
 Frost, George W., 38 Laurel street, Clerk.
 Frye, Charles H., 43 Sargent avenue, Machinist.
 Fudge, Edward J., 334 Somerville avenue, Undertaker.
 Fuller, Dana L., 150 Powder House boulevard, Beef sales.
 Fuller, Walter I., 37 Hancock street, Electrician.
 Fulton, David, 599½ Somerville avenue, Laborer.

G

Gaffney, William, 14 Kingman court, Tile mason.
 Garland, John A., 76 Porter street, Publisher.
 Garrett, Edwin E., 53 Hancock street, Clerk.
 Garrity, Martin, Jr., 416 Norfolk street, Plumber.
 Gary, Joseph E., 86 Irving street, Broker.
 Gavin, Edward J., 36 Berkeley street, Brass finisher.
 Gay, Frederick, 10-R Boston street, Expressman.
 Gay, Oswald R. M., 50 Pinckney street, Carpenter.
 Geary, John J., 41 Lake street, Salesman.
 Geary, Patrick J., 41 Lake street, Clerk.
 Gerrish, Charles E., 70 Boston street, Fruit dealer.
 Gerrick, Theodore, 7 Greene street, Broker.
 Getchell, Albert R., 51 Flint street, Waiter.
 Gibbs, J. Edwin, 118 Josephine avenue, Manager.
 Gifford, Herbert C., 54 Preston road, Real estate.
 Gilbert, Fred W., 101 School street, Shoe dealer.
 Gilchrist, Charles T., 52 Pearl street, Accountant.
 Giles, Charles E., 24 Webster street, Real estate dealer.
 Gill, Antonio P., 202-B Washington street, Barber.
 Gill, Frank A. W., 1 Dell street, P. O. clerk.
 Gill, Martin, 72 Bonair street, Teamster.
 Gill, William T., 1 Dell street, Undertaker.
 Gillette, Hiram A., 72 College avenue, Clerk.
 Gillis, Daniel B., 38 Benton road, Builder.
 Gilman, Charles E., 49 Dickinson street, Grocer.
 Gilman, John W., 85 College avenue, Manager.
 Glazebrook, John G., 65 Wheatland street, Wood worker.
 Glidden, George A., 11 Marshall street, Salesman.
 Glines, Arthur W., 142 Powder House boul., Salesman.
 Glynn, Thomas J., 18 Bow-street place, Laborer.
 Goddard, Edward A., Jr., 64 Wallace street, Clerk.
 Godey, Frederick C., 6 Eliot street, Roofer.
 Godfrey, Alexander M., 52 Berkeley street, Carpenter.
 Godfrey, Benjamin F., 20 Avon street, Cooper.
 Goding, Eugene F., 93 Newton street, Tinsmith.
 Goldsmith, Benjamin W., 7 Jasper street, No occupation.
 Goldthwaite, Jerome I., 82 Mt. Vernon street, Clerk.

Goodspeed, William H., 37 Rush street, Cafe proprietor.
 Gordon, Arthur C., 357 Somerville avenue, Painter.
 Graham, Robert C., 29 Greene street, No occupation.
 Graham, Samuel, 299 Broadway, Machinist.
 Graves, David B., 17 Rogers avenue, Clothing dealer.
 Graves, Elmer E., 19 Cottage avenue, Manager.
 Gray, Amasa, 71 Wallace street, Carpenter.
 Gray, Frank E., 21-A Cutter avenue, Salesman.
 Gray, Levi E., 4 Wellington avenue, Carpenter.
 Green, Bernard J., 250-A Somerville avenue, Mason.
 Greenough, John L., 19 Vernon street, Conductor.
 Greenwood, Frank W., 402 Medford st., Advt. solicitor.
 Griffin, Augustus P., 22 Richdale avenue, Salesman.
 Griffin, Daniel J., 18 Bow street, Bookkeeper.
 Griffin, Edward B., 32 Rush street, Shipper.
 Grover, George A., 10 Belmont place, Special officer.
 Grover, George B., 21 Electric ave., Express messenger.
 Grover, Nelson H., 26 Oxford street, Advertising agent.
 Guild, Edgar A., 28 Webster avenue, Driver.
 Guild, Julius J., 325 Washington street, Salesman.
 Gurnham, Thomas, 36 Hancock street, Newsdealer.

H

Hackett, James A., 20 Atherton street, Telegrapher.
 Hadley, Freddell O., 30 Conwell avenue, Wood worker.
 Hadley, Walter M., 24 Hathorn street, Real estate.
 Hagen, Edward A., 210 Somerville avenue, Glass maker.
 Hale, C. Warner, 144 Highland avenue, Clerk.
 Haley, Fred, 41 Greenville street, Insurance agent.
 Hall, George G., 89 Cross street, Printer.
 Hall, William A., 9 Veazie street, Teamster.
 Hall, William Franklin, 103 Thurston street, Accountant.
 Hancock, Edward, 272 Highland avenue, Butter salesman.
 Harrington, Nathan B., 7 Bolton street, Clerk.
 Hartshorn, Frank S., 96 Glen street, Clerk.
 Hartwell, Walter C., 15 Kenwood street, Bookkeeper.
 Harvey, George W., 8 Chester avenue, Salesman.
 Haskell, Otis S. M., 279 Summer street, Confectioner.
 Hatch, Arthur E., 46 Browning road, Manager.
 Hatch, Frederick A., 77 Jaques street, Laborer.
 Hathaway, Charles L., 26 Dover street, Pattern maker.
 Hathaway, Henry C., 12 Pembroke street, Painter.
 Hawkins, Alvin C., 48 Banks street, Foreman.
 Hayes, William T., 252 Medford street, Clerk.
 Hayward, John G., 5 Windom street, Insurance agent.
 Heacox, Dwight C., 45 Springfield street, Machinist.
 Henderson, John, Jr., 75 Harris street, Wood carver
 Hepburn, James, 226 Somerville avenue, Grocer.
 Hern, John H., 97 Prospect street, Wood worker.
 Hersey, Charles H., 7 Thurston street, Clerk.
 Hicks, Carlton, 8 Charnwood road, Clerk.
 Higgins, John, 38 Linwood street, Dry goods dealer.
 Higgins, Byron E., 20 Richdale avenue, Mason.
 Higgins, Solomon S., 158 Summer street, R. E. agent.
 Hill, Arthur B., 17 Norwood avenue, Musician.
 Hines, Alfred H., 9 Preston road, Mason.
 Hodge, Charles W., 26 Billingham street, Bookkeeper.
 Hodgkins, Edward S., 139 Orchard street, Clerk.
 Hodson, Albert O., 28 Pinckney street, Driver.

Hoit, Alonzo W., 275 Highland avenue, Produce dealer.
 Hoit, Edward P., 275 Highland avenue, Produce dealer.
 Holland, Charles J., 30 Aldrich street, Paperhanger.
 Holland, William L., 30 Aldrich street, Printer.
 Holmes, Charles A., 265 Beacon street, Vinegar mfr.
 Holmes, Frank H., 29-A Veazie street, Plumber.
 Holmes, Samuel, 49 Thurston street, Poultry salesman.
 Holt, Edward M., 32 Spring street, Machinist.
 Holt, Harry, 108 Porter street, Carpenter.
 Hook, George A., 30 Chandler street, Awning mfr.
 Hopkins, J. Wesley, 27 Summit avenue, Music salesman.
 Horton, Charles H., 101 School street, Clerk.
 Horton, Charles P., 22 Everett avenue, Inspector.
 Horton, William A., 2 Billingham street, Artist.
 Hosmer, Cyrus, 297 Summer street, Clerk.
 Houdlette, Horace A., 33 Everett avenue, Salesman.
 Houley, Patrick F., 65 Springfield street, Prov. dealer.
 Howard, Eugene P., 11 Hall avenue, Salesman.
 Howard, J. Walter, 330 Broadway, Florist.
 Howe, Frederick F., 40 Kidder avenue, Shipper.
 Howe, Henry E., 17 Sewall street, Shoe salesman.
 Hughes, John, Jr., 13 Morton street, Brass worker.
 Hulsman, Chester R., 44 Greenville street, Salesman.
 Hunnewell, William A., 23 Milton street, Coal dealer.
 Hunt, Cassius, 218 School street, Fish dealer.
 Hunt, Charles E., 28 Brook street, Clerk.
 Hunt, John T., 28 Brook street, Clerk.
 Hunt, Warren F., 236 Highland avenue, Clerk.
 Hunter, William H., 11 Sycamore street, Glass engraver.
 Hurley, James F., 229 Tremont street, Glass blower.

I

Ingham, John S., 27-B Summer street, Clerk.
 Ireland, George H., 14 Stanford terrace, Blacksmith.
 Irish, Fred D., 3 Dartmouth street, Salesman.
 Ivans, Benjamin D., 69 Elm street, Machinist.

J

Jackson, Edward F., 15 Osgood street, Driver.
 Jackson, George W., 8 Hall street, Brush maker.
 Jameson, Robert, 22 Bowdoin street, Billiard room kpr.
 Jansson, Augustus L., 102 Wallace street, Illustrator.
 Jaques, Otis A., 66 Boston street, Fruit dealer.
 Jaques, William J., 57 Webster street, Teamster.
 Jennings, George W., 60 Central street, Clerk.
 Jensen, James A., 21 Meacham street, Freight conductor.
 Jerauld, Frank, 29 Aldrich street, Artist.
 Johnson, Hartley M., 10 Belleview terrace, Expressman.
 Jonah, Leonard, 48 Raymond avenue, Carpenter.
 Jones, Benjamin F., 51 Cherry street, Artist.
 Jones, Charles E., 154 Pearl street, Carriage maker.
 Jones, C. Frank, 343-A Highland ave., Private secretary.
 Jones, Thomas F., 65 Springfield street, Starter.
 Jones, Walter C., 157 Willow avenue, Artist.
 Joslyn, Will C., 37 Banks street, Salesman.
 Joy, Alden B., 7 Craigie terrace, Carpenter.
 Junkins, Leander D., 5 Billingham st., Designer & invent.

K

Kane, William A., 34 Ash avenue, Tinsmith.
 Kauler, Charles E., 27 Gilman st., Undertaker's assistant.
 Kearney, Edward S., 206 Somerville ave., Sawdust dealer.
 Kearney, John J., 6 Charlestown street, Clerk.
 Keay, Fred E., 153 College avenue, Editor.
 Keefe, Albert, 97 Elm street, Produce dealer.
 Keefe, William M., 46 Kingston street, Milk dealer.
 Keegan, Dominick F., 31 Belmont street, Printer.
 Keith, Simeon C., Jr., 20 Highland avenue, Bacteriologist.
 Kelley, Edward N., 17 Merriam street, Lather.
 Kelley, Isaac S., 22 Electric avenue, Cashier.
 Kelley, John J., 12 London street, Pedler.
 Kelley, William, 15 Leland street, Janitor.
 Kelley, William M., 17 Merriam street, Clerk.
 Kelly, John G., 33 Florence street, Machinist.
 Kelly, Michael H., 12 Parker street, Carpenter.
 Kendall, Henry A., 55 Oxford street, Bookkeeper.
 Kendall, Isaac B., 338 Broadway, Insurance agent.
 Kendall, John B., 25 Russell street, Milk dealer.
 Kendall, Jonas B., Jr., 41 Russell street, Milk dealer.
 Kendall, Phillip S., 41 Russell street, Milk dealer.
 Kenneson, Charles A., 176 Walnut st., Stor. W. H. kpr.
 Kenney, James, 4 Concord avenue, Carpenter.
 Kidder, Herbert A., 58 Walnut street, Cashier.
 Kiley, Patrick J., 15 Mystic street, Wheelwright.
 Kimball, Charles L., 19-A Cross street, Foreman.
 Kimball, Edward P., 7 Richdale avenue, Lawyer.
 Kimball, Harry G., 19-A Cross street, Brass finisher.
 Kimball, Harvey B., 13 Herbert street, Carpenter.
 Kingston, Joseph R., 39 Crocker street, Optician.
 Kinney, Edgar L., 92 Sycamore street, Bookkeeper.
 Kinsman, Joseph H., 20 Jaques street, Salesman.
 Kirby, Michael, 315 Washington street, Laborer.
 Knapp, Samuel, 3 Lester terrace, Salesman.
 Kneeland, Sylvanus R., 7 Loring street, Reflector dealer.
 Kneeland, William B., 9 Greene street, Freight solicitor.
 Knight, George R., 158 Broadway, Retired fireman.
 Knight, William E., 493-R Columbia street, Watchman.
 Knowles, Benjamin H., 15 Parker street, Hatter.
 Knowles, Thomas, 27 Tyler street, Hay dealer.
 Knowles, Zoeth R., 52 Putnam street, Printer.
 Knowlton, Edward B., 45 Josephine avenue, Pattern mkr.
 Knox, Waldo H., 19 Hancock street, Clerk.
 Koen, Philip, 19 Adrian street, Milkman.

L

Lambert, Frank S., 10 Cross street, Painter.
 Land, Lawrence P., 60 Marshall street, Carpenter.
 Landers, Arthur C., 225 Summer street, Bookkeeper.
 Lane, Eugene H., 58 Berkeley street, Butter dealer.
 Loughton, William, 42 Banks street, Bookbinder.
 Lavey, John T., 7 Belmont street, Pork packer.
 Lawrence, Bernard W., 289 Highland ave., Produce dlr.
 Lawrence, George B., 27 Spencer avenue, Slate dealer.
 Lawson, Peter P., 101 Summer street, Machinist.
 Leavitt, Edwin, 13 Pinckney street, Collector.
 Leavitt, Frank W., 468 Somerville avenue, Carriage mfr.

LeCount, Frederick R., 7 Dartmouth street, Clerk.
 Lennan, William M., 33 Burnside avenue, Clerk.
 Leonard, Eugene C., 86 Avon street, Tailor.
 Lewis, Dennis J., 14 Benedict street, Plumber.
 Libbey, Albion H., 8 Ames street, Salesman.
 Libbey, George W., 215 Pearl street, Bookkeeper.
 Libbey, Moulton C., 7 Jay street, Jeweler.
 Libby, George H., 21 Ashland street, Upholsterer.
 Liddell, William, 130 Broadway, Pattern maker.
 Lincoln, Andrew G., 3 Lincoln avenue, Ivory worker.
 Lind, John, 38 Clark street, Marble worker.
 Liston, William F., 123 Linwood street, Teamster.
 Litchfield, Hiram J., 18 Mystic avenue, Teamster.
 Litchfield, J. Warren, 181 Broadway, Milk dealer.
 Little, John K., 93 Hudson street, Accountant.
 Littlefield, Elisha, 65 Glen street, Carpenter.
 Littlefield, Samuel T., 321 Broadway, No occupation.
 Locke, Theodore H., 53 Central street, Clerk.
 Locke, Warren E., 94 College avenue, Real estate agent.
 Lomasney, John E., 7 Maple avenue, Clerk.
 Lombard, Richard J., 16 Evergreen avenue, Teamster.
 Lord, Benjamin F., 4 Pearl street, Provision dealer.
 Lord, Frank W., 4 Pearl street, Shoe salesman.
 Lord, George T., 23 Wheeler street, Milkman.
 Lorentzen, Henry, 101 Rogers avenue, Lock expert.
 Lounsbury, George H., 46 Houghton street, Clerk.
 Loveland, Charles M. N., 898 Broadway, Stenographer.
 Lovering, Edward P., 187 Medford street, Mason.
 Lovering, Everett L., 21 Bradley street, Musician.
 Lovering, John S., 27 Flint street, Teamster.
 Lowell, George E., 46 Gilman street, Livery stable kpr.
 Lowry, Donald J., 117 School street, Butler.
 Lowry, Michael F., 6 Quincy street, Clerk.
 Lund, John C., 13 Cutter street, Shipper.
 Lundergan, James W., 40 Dickinson street, Milkman.
 Lyman, Albert C., 19 Knapp street, Upholsterer.
 Lynch, John B., 9 Cedar avenue, Bookbinder.
 Lyons, Timothy J., 14 Chestnut street, Pedler.

M

MacCormack, John W., 89 Cross street, Signalman.
 Macdonald, John W., 23 Elm place, Salesman.
 Maddison, Arthur N., 7 Hall avenue, Stenographer.
 Magoon, William S., 79 Perkins street, Signal repairer.
 Maguire, John F., 21 Fountain avenue, Photo engraver.
 Makant, Robert, 40 School street, Engraver.
 Makechnie, Ernst H., 238 Elm street, Teacher of violin.
 Mangan, William J., 3 Hawkins street, Electrician.
 Mann, Alfred E., 75 Washington street, Undertaker.
 Manning, James F., 35-R Merriam street, Driver.
 Manning, John F., 152 Medford street, Teamster.
 Manning, John J., 29 Park street, Barber.
 Manning, Joseph J., 36 Oak street, Hackman.
 Marble, Augustus B., 92 Sycamore street, Sales agent.
 Marchant, Albert L., 92 Vine street, Barber.
 Marr, George S., 37 Dover street, Carpenter.
 Marsh, William H., 27 Cutter street, Teamster.
 Marshall, Edwin A., 41 Franklin avenue, Wood carver.
 Marshall, John A., 153-A Willow avenue, Salesman.

Marston, Joseph N., 18 Rush street, Carriage salesman.
Martin, George J., 16 Oliver street, Moulder.
Martin, John P., 56-S Walnut street, Salesman.
Martin, John W., 16 Montgomery avenue, Foreman.
Martin, Lewis R., 34 Grant street, Teamster.
Martinson, William H., 10 Boston street, Engineer.
Mason, Seth, 32 Madison street, Advertising agent.
Matthews, Frank J., 7 Maple avenue, Teamster.
Maynard, Everett A., 22 Forster street, Sexton.
Maynard, Fred L., 30 Ames street, Provision dealer.
Mayo, Francis L., 17 Clark street, Bill poster.
Mayo, Wallace J., 36 Putnam street, Electrician.
McAllister, William H., 23 Wallace street, Brush maker.
McAskill, Scyrene B., 6 Bow street, Candy dealer.
McAvoy, Henry, 117 Somerville avenue, Stable keeper.
McAvoy, Henry J., Jr., 40 Lake street, Stable keeper.
McCarthy, James F., 24 Preston road, Charcoal dealer.
McCarty, John J., 13 Knowlton street, Charcoal dealer.
McConnell, William N., 51-B Church street, Real estate.
McCrillis, Melvin C., 23 Dartmouth street, Beef dealer.
McCullough, William, 54 Dane street, Produce.
McDonald, Wm. M., 56 Cedar street, Provision dealer.
McGann, Thomas F., 45 Putnam street, Brass founder.
McGovern, Lawrence J., 9 Concord avenue, Machinist.
McGrath, Charles T., 75 Harris street, Carriage painter.
McKenna, David W., 7 Chestnut street, Pedler.
McKenna, George F., 292 Lowell street, Undertaker.
McMaster, George R., 12 Park street, Armorer.
McNamara, Eugene T., 56 Columbus avenue, R. E. agent.
McNamara, William E., 47 Dane street, Grocer.
McQuade, Owen A., 6 Taunton street, Polisher.
Medina, John, 27 College avenue, Merchant.
Melvin, Charles F., 25 Farragut avenue, Salesman.
Mentzer, Charles A., 47 Cherry street, Com. merchant.
Merrifield, Fred H., 6 Abdell street, Salesman.
Merriam, George S., 6 Essex street, Warehouseman.
Merrill, Warren A., 14 Westminster street, Salesman.
Merritt, William, 103 Pearl street, Railroad supt.
Messer, Melvin J., 27 Franklin street, Manager.
Miller, William S., 255 Medford street, Cashier.
Miner, Robert A., 56 Chester street, No occupation.
Mink, Frank L., Jr., 85 Elm street, No occupation.
Molineaux, Michael R., 41 Thorndike street, Clerk.
Mongan, Manasses P., 1 Garden court, Salesman.
Monroe, Daniel N., 47-A Franklin street, Teamster.
Moore, Frank M., 79 Boston street, Electrician.
Moran, Henry W., 189 Pearl street, Iron moulder.
Moran, William J., 78 Franklin street, Driver.
Morang, Arthur C., 157 Lowell street, Clerk.
Morgan, Francis W., 452 Medford street, Buyer.
Morrill, Frank A., 5 Bradley street, Photographer.
Morrill, Fred L., 18 Arlington street, Foreman.
Morrill, Harry V., 25 Sargent avenue, Insurance agent.
Morrison, Frank E., 23 Brook street, Provision dealer.
Morrow, John J., 17 Perry street, Clerk.
Morse, Henry H., 27 Hudson street, Merchant.
Mullaney, Michael, 11-A Dane street, Laborer.
Mullen, James, 24 Wyatt street, Laborer.
Mulliken, John E. A., 39 Dartmouth street, Bookkeeper.
Mulqueeney, Lot J., 420 Norfolk street, Laborer.
Murdock, George F., 100 Flint street, Meat cutter.

Murphy, John F., 65 Waterhouse street, Engineer.
 Murphy, Stephen F., 102 College avenue, Manager.
 Muzzy, Horace T., 31 Vinal avenue, Draftsman.
 Myott, William C., 54 Richdale ave., Hoisting engineer.

N

Nason, Charles C., 21 Wigglesworth street, Carpenter.
 Neal, Andrew C., 40 Raymond avenue, Gilder.
 Neely, D. Wesley, 15 Melvin street, Decorator.
 Nelson, Jesse L., 17 Robinson street, Carriage salesman.
 Newell, Franklin G., 28 Grant street, Machinist.
 Newman, Edward B., 24 Garrison avenue, Clerk.
 Newsom, James E., 74 Sycamore street, Produce dealer.
 Nichols, Walter W., 51 Webster street, Carpenter.
 Nickerson, Alfred P., 41-D Franklin street, Bookkeeper.
 Nickerson, Benjamin S., 37 Highland road, Broker.
 Nickerson, John F., 25 Flint street, No occupation.
 Nickerson, Urban H., 27 Hall avenue, Salesman.
 Niles, James H., 4 Fairlee street, Beef salesman.
 Noble, Archibald W., 39 Crocker street, Upholsterer.
 Northrop, Herbert N., 145 College avenue, Manufacturer.
 Norwood, Winfield S., 942 Broadway, Trimmer.
 Nourbourn, James W., 109 Walnut street, Asst. manager.
 Nowell, Joseph A., 19 Pinckney street, Engineer.
 Noyce, Benjamin C., 28 Glen street, Carpenter.
 Nute, Alfred D., 329 Highland ave., Shoe manufacturer.
 Nye, Thomas V. B., 51 Cedar street, Salesman.
 Nyman, Ernest D., 5 Wigglesworth street, Bag. master.

O

Oakes, Charles E., 36 Joy street, Railroad conductor.
 Oakes, Clifford L., 1108 Broadway, Barber.
 O'Brien, John J., 8 Durham street, Dry goods pedler.
 O'Brien, Timothy F., 4 Prospect place, Grocer.
 O'Brien, William, 15 Caldwell avenue, Expressman.
 O'Brien, William E., 70 Prospect street, Clerk.
 O'Connell, Henry J., 139 Lowell street, Cigar salesman.
 O'Connell, Michael, 35 Linwood street, Pedler.
 O'Day, William, 8 Palmer avenue, Machinist.
 Odiorne, William E., 15 Greenville street, Salesman.
 O'Donnell, Neil, 114 Cross street, Engineer.
 O'Donnell, Thomas H., 273 Washington st., Apothecary.
 O'Donohue, Daniel E., 100 Concord ave., Music teacher.
 O'Leary, David T., 277 Washington street, Confectioner.
 O'Leary, Denis J., 410 Somerville avenue, Laborer.
 Olive, E. Percy, 27 Banks street, Photographer.
 O'Neil, John F., 135 Linwood street, Teamster.
 O'Neil, Michael A., 158 Lowell street, Stock broker.
 O'Neill, William J., 76 Bonair street, Woollens salesman.
 Orr, Thomas, 61 Glenwood road, Salesman.
 Osborn, Edgar W., 86 Porter street, Furniture dealer.
 Osgood, John M., 297-A Summer street, Electrician.
 O'Shaughnessy, Patrick, 76 Derby street, Milk dealer.
 Otterson, Alpheus, 15 Prospect Hill avenue, Clerk.
 Owen, John W., 20 Melvin street, Civil engineer.

P

Page, Daniel W., 21-R Webster avenue, Night watchman.
 Park, Arthur N., 20 Arlington street, Clerk.
 Parker, Arthur B., 17 Gilman street, Milk dealer.
 Parker, Leander W., 253 Willow avenue, Hackman.
 Parker, William H., 23 Hall avenue, Salesman.
 Parks, James J., 73 Grant street, Railroad clerk.
 Patch, Amos G., 35 Irving street, Produce dealer.
 Payette, Arthur F., 43 Oak street, Driver.
 Peake, Benjamin W., 62 Central street, Private secretary.
 Pearson, Albert L., 10 Dresden circle, Mechanical eng.
 Pease, Charles H., 189 Summer street, Mechanical eng.
 Pecheur, Augustus F., 7 Merriam street, Glass maker.
 Peck, Henry A., 2 Bigelow street, Printer.
 Peirce, Cyrus H., 75 Marshall street, No occupation.
 Perham, Edwin R., 22 Marshall street, Expressman.
 Perkins, George W., 79 Derby street, Machinist.
 Perkins, H. Willis, 373 Medford street, Clerk.
 Perry, Elwin L. R., Jr., 34 Richdale av., Brass goods mfr.
 Perry, William E., 69 Marshall street, Clerk.
 Philbrick, Charles S., 174 Morrison ave., R. E. agent.
 Phillips, Bernard C., 8 Charlestown street, Glass cutter.
 Pickthall, Richard E., 182 Central street, Superintendent.
 Pierce, Henry A., 14 Conwell street, Marketman.
 Pigon, Joseph H., 36 Wallace street, Clerk.
 Pillsbury, Edwin B., 1156 Broadway, Publisher.
 Plaisted, William D., 17 Franklin street, Clerk.
 Pond, George W., 91 Bay State avenue, Salesman.
 Potter, George B., 14 Crocker street, Produce salesman.
 Potter, Henry K., 5 Arthur street, Carriage mfr.
 Pratt, Charles H., 20 George street, Civil engineer.
 Pratt, Harry O., 20 Madison street, Clothing cutter.
 Preble, Frederick A., 55 Tennyson street, Bookkeeper.
 Prescott, Albion M., 59 Concord avenue, Teamster.
 Prichard, Charles E., 145 Walnut street, Salesman.
 Prichard, George W., 1 Bean court, Teamster.
 Prior, Charles W., 95 Summer street, Electrician.
 Puffer, Charles, 14 Dartmouth street, Produce dealer.
 Pugh, Samuel, 269 Summer street, Clerk.
 Pushee, Frank S., 43 Chester street, Salesman.

Q

Quarrie, Joseph A., 62 Sycamore street, Carpenter.
 Quick, Augustus S., 51 Chester street, Salesman.
 Quilligan, Harry A., 451 Somerville avenue, Plumber.
 Quinlan, John P., 8 Buckingham street, Driver.
 Quinn, John A., 19 Rossmore street, Laborer.

R

Rafferty, Thomas, 30 Oak street, Plumber.
 Ralph, Alson C., 133 Lowell street, Electrician.
 Ramsdell, Charles H., 53 Tufts street, Real estate agent.
 Ramsdell, Solomon E., 390 Highland avenue, Mason.
 Rand, Fred C., 35 Banks street, Carpenter.
 Rand, George T., 336 Highland avenue, Undertaker.
 Rand, James B., 24 Austin street, Traveling salesman.

Randlet, Irving N., 11 Jay street, Builder.
 Ray, Frank E., 16 Virginia street, Salesman.
 Raymond, Charles F., 20 Crocker street, Collector.
 Raymond, Marcus M., 37 Jaques street, No occupation.
 Raynes, Charles E., 49 Francesca avenue, Clerk.
 Reed, Clarence G., 30 Forest street, Plasterer.
 Reed, Cyrus A., 14 Farragut avenue, Upholsterer.
 Reeves, Frederic H., 15-A Herbert street, Clerk.
 Remick, George W., 16 Cutter street, Mason.
 Reynolds, James F., 12 Belmont place, Insurance agent.
 Rich, Isaac, 36 Walnut street, Civil engineer.
 Rich, Samuel B., 45 Francesca avenue, Fish dealer.
 Richards, Daniel, Jr., 14 Granite street, Clerk.
 Richards, Frederick L., 127 Summer street, Engineer.
 Richards, George A., 8-A Melvin st., Real estate agent.
 Richards, William P., 44 Day street, Architect.
 Richardson, George A., 20 Wesley street, Clerk.
 Richardson, Homer L., 11 Albion street, Compositor.
 Richardson, William C., 15 Franklin street, Clerk.
 Ricker, George E., 27 College avenue, Hotel keeper.
 Rideout, Henry N. W., 7 Howe street, Asst. paymaster.
 Ridler, Parker, 37 Ames street, Salesman.
 Riess, Frank, 49 Gorham street, Painter.
 Riley, Philip W., 122 Rogers avenue, Printer.
 Rinn, Daniel H., 17 Wesley park, Victualler.
 Rivers, Fred S., 31 Charnwood road, Electrician.
 Roberts, Oliver S., 15 Kidder avenue, Manager.
 Roberts, Samuel, 16-A Norwood ave., Insurance agent.
 Robinson, William F. S., 84 Pearl street, Artist.
 Robinson, Wm. H., 265 Broadway, Veterinary surgeon.
 Rogers, Bishop G., 34 Lake street, Bookkeeper.
 Rogers, Fred C., 413 Highland avenue, Cabinetmaker.
 Rogers, Frederick R., 3 Wesley park, Clerk.
 Rogers, John E., 9 Wigglesworth street, Electrician.
 Ronayne, John, 22½ Tyler street, Laborer.
 Rouse, John P., 171 Washington street, Drug clerk.
 Rowe, Daniel, 299 Washington street, Editor.
 Rufer, John B., 134 Lowell street, Blacksmith.
 Rumney, Isaac E., 10 Benedict street, Machinist.
 Russell, Arthur J., 5 Beacon street, Printer.
 Russell, Edmond, 57 Dane street, Mason.
 Russell, Eugene L., 1196 Broadway, Provision dealer.
 Russell, George E., 20 Thorpe place, Meat cutter.
 Ryan, Martin J., 7 Garden court, Bookkeeper.

S

Saben, Edward E., 110 Pearl street, Insurance agent.
 Sampson, Paul L., 22 Joseph street, Printer.
 Sanborn, William A., 472 Broadway, Brick manufacturer.
 Sanborn, William F., 17 Benedict street, News dealer.
 Sargent, Isaac C., 8 Parker street, Insurance agent.
 Savage, Peter J., 10 Dane avenue, Machinist.
 Savory, Harlie J., 81 Cross street, Railroad employee.
 Sawyer, Walter S., 16 Browning road, Real estate agent.
 Scanlon, Edward, 28 Marion street, Provision dealer.
 Schillinger, Edgar F., 5 Madison street, Clerk.
 Schofield, John E., 28 Willow avenue, Clerk.
 Schrafft, William E., 49 Belmont st., Candy manufacturer.
 Schwab, Ferdinand, 44 Highland road, Superintendent.

Scott, Albert W., 32 Spencer avenue, Baker.
 Sears, Eben, 25 Dartmouth street, Boiler inspector.
 Sewall, Charles B., 174 Walnut street, Collector.
 Sewall, William H., 140 Lowell street, Watchman.
 Seymour, Alfred A., 10 Brook street, Salesman.
 Shattuck, Benjamin F., 26 Warren avenue, Potato dealer.
 Shattuck, David A., 23 Brook street, Carpenter.
 Shaw, Charles E., 10 Eastman road, Paperhanger.
 Shaw, Fred E., 18 Everett avenue, Bookkeeper.
 Shaw, Oscar M., 18 Everett avenue, Carpenter.
 Shaw, William H., 92 Central street, Assistant manager.
 Shaw, William T., 10 Fellsway West, Building supt.
 Sheeran, John J., 153-R Beacon street, Expressman.
 Shepley, Charles H., 45 Union square, Secretary.
 Sheridan, Arthur H., 22 Perry street, Salesman.
 Shiner, Alfred F., 158 Linwood street, Trader.
 Shorey, William P., 40 Columbus avenue, Clerk.
 Short, Oscar W., 8 Bowdoin street, Box manufacturer.
 Shriver, Chas. F., 209 Willow ave., Mgr. biscuit company.
 Sibley, Lincoln H., 18 Greene street, Driver.
 Simonds, Charles F., 86 Belmont street, Mechanic.
 Simpson, Merton P., 155 Willow avenue, Furniture sales.
 Singleton, Charles H., 17 Preston road, Jeweler.
 Skelton, Daniel J., 10 Burnside avenue, Carpenter.
 Skilton, Walter E., 7 Westminster street, Salesman.
 Smith, Albert A., 8 Howe street, No occupation.
 Smith, Albert E., 15½ Putnam street, Cooper.
 Smith, Edgar A., 45 Cedar street, Asst. superintendent.
 Smith, Edward P., 16 Powder House terrace, Clerk.
 Smith, Peter J., 117 Prospect street, Tea dealer.
 Smith, William, 13 Smith avenue, Cabinetmaker.
 Smith, William A., 12 Gilman terrace, Marketman.
 Snow, Herbert W., 199 Pearl street, Clerk.
 Snow, John C. H., 60 Mt. Vernon st., Carpenter and bldr.
 Snow, Walter H., 42 Derby street, Ice cream dealer.
 Snow, William A., 17 Francesca avenue, Iron worker.
 Soares, Jose X. P., 39 Lowell street, Barber.
 Soule, Horace W., 22 Loring street, Draughtsman.
 Spaulding, Daniel B., 8 Hancock street, No occupation.
 Spaulding, James R., 57 Chandler street, Merchant.
 Spofford, William S., 17 Florence street, Teamster.
 Sprague, Walter A., 50 Concord avenue, Telegrapher.
 Stackpole, John, 242 Broadway, Carpenter.
 Stacy, George W., 14 Madison street, Salesman.
 Staples, Mendall G., 42 Prospect street, Teamster.
 Starratt, John D., 1323 Broadway, Motorman.
 Steele, Danforth S., 8 Leslie place, Foreman.
 Stevens, Dudley L., 7 Francesca avenue, Salesman.
 Stevens, Elmer A., 103 Liberty avenue, Salesman.
 Stevens, Oliver A., 20 Putnam street, Engineer.
 Stevenson, James W., 20-R Cross street, Railroad clerk.
 Stodder, George F., 20 Stickney avenue, Fish dealer.
 Strout, Charles O., 17 Flint street, Mason.
 Stuart, Lewis R., 21 Delaware street, Dry goods dealer.
 Studley, Stillman S., 130 Sycamore street, Clerk.
 Sturtevant, Richard H., 31 Walnut street, Beef dealer.
 Sullivan, Cornelius, 12 Perry street, Brass moulder.
 Swain, Gideon W., 13 Bradley street, Provision salesman.
 Swain, Noah R., 17 Hathorn street, Gardener.
 Sweeney, John J., 216-A Somerville avenue, Grocer.
 Symonds, Irving F., 14 Greene street, Manager.

T

Taapken, John R., 227 Holland street, Grocery clerk.
 Tattan, Michael H., 458 Somerville avenue, Grocer.
 Taylor, Alvin, 15 Jaques street, Plumber.
 Teague, Charles I., 5 Pearson road, Steam gauge maker.
 Temple, Wilbur C., 11 Laurel street, Agent.
 Thiery, William O., 198 Summer street, Salesman.
 Thomas, Joseph M., 23 Stickney avenue, Produce dealer.
 Thomas, Penrose F., 396 Medford street, Salesman.
 Thompson, Charles W., 27 Lake street, Clerk.
 Thompson, William H. J., 55 Concord avenue, Carpenter.
 Thompson, William J., 19 Shawmut street, Merchant.
 Thomson, Emerson, 10 Pinckney street, Clerk.
 Thurgood, Augustus, 42 Hudson st., Wall paper dealer.
 Thurston, Merton F., 67 Cedar street, Machinist.
 Tibbetts, Harris P., 33 Bradley street, Carpenter.
 Tilton, Elbridge A., 87 Temple street, Teamster.
 Timson, L. Edgar, 56 Mt. Vernon street, Clerk.
 Tincker, George R., 21 Oak street, Cook.
 Titus, Anson M., 10 Raymond avenue, Draughtsman.
 Titus, Franklin A., 34 Flint street, Real estate dealer.
 Tobin, John J., 373 Somerville avenue, Shoe dealer.
 Tomfohrde, Richard, 216 Highland ave., Restaurant kpr.
 Tompkins, Charles H., 2 Austin street, No occupation.
 Toothaker, Charles W., 67 Pearl street, Milk dealer.
 Toppan, Arthur W., 209 Highland ave., Gas engine dlr.
 Torrens, William L., 255 Broadway, Wood turner.
 Touchet, Victor L., 88 Line street, Teamster.
 Tracy, Albert A., 40 Hancock street, Manager.
 Trauschke, Henry H., 47 Florence street, Clerk.
 Treadwell, Frank W., 28 Brook street, Teamster.
 Tribble, Hiram, 50 Chandler street, Salesman.
 Tripp, William A., 57 Rush street, Teamster.
 Tucker, George M., 148 Oxford street, Advertising agent.
 Tucket, Charles R., 104 Bartlett street, Inspector.
 Turner, George E., 27 Tufts street, Teamster.
 Tuttle, Fred A., 17 Lesley avenue, Hardware salesman.
 Tuttle, Herbert L., 22 Everett avenue, Clothing dealer.

U

Ulm, Albert A., 59 Preston road, Printer.
 Upton, Henry J., 45 Florence street, Rubber worker.
 Upton, Samuel, 102 Glenwood road, Foreman.

V

Valentine, Paul R., 2 Bolton street, Clerk.
 Van Buren, John D., 15½ Alston street, Carriage painter.
 Van Buskirk, Charles, 20 Prescott street, Wheelwright.
 Varney, Chas. A., 408 Highland ave., Telephone insp'tr.
 Vickery, William J., 15 Quincy street, Paper box cutter.
 Vreeland, Edward B., 121 Central st., Coal & wood dlr.

W

Waite, Ernest L., 61 Simpson avenue, Editor.
 Walker, George, 26 Wallace street, Salesman.
 Walker, Granville A., 9 Loring street, Painter.
 Walker, Thomas G., 5 Dell street, Foreman.

Wanless, David, 21 Grove street, Salesman.
Ward, Benjamin A., 22 Milton street, Tailor.
Ward, Lawrence J., 14 Carlton street, Barber.
Ware, Francis A., 54 Dartmouth street, Insurance agent.
Warner, Charles S., 19 Chapel street, No occupation.
Warren, Charles V., 17 Melvin street, Plumber.
Waters, Harry G., 101 Orchard street, Clerk.
Waters, Morgan, 11 Sanborn avenue, Assistant supt.
Watson, Frank L., 21 Aldersey street, Paint dealer.
Watson, Thomas J., 22 Fellsway West, Composer.
Watters, James, 41 Mystic avenue, Musician.
Webber, Edward O., 77 Partridge avenue, Janitor.
Webber, Herbert L., 70 Columbus avenue, Painter.
Webber, Orrin H., 2 Wellington avenue, Carpenter.
Weeks, Walter I., 36 Francesca avenue, Salesman.
Welch, James T., 303 Highland avenue, Mason.
Wemyss, George D., 29 Ames street, Wood worker.
Wentworth, Frank H., 61 Dartmouth street, Salesman.
Wentworth, Ransom D., 14 Hathorn st., Stable keeper.
Weston, Charles F., 23 Conwell street, Bookbinder.
Weston, Howard H., 50 Jaques street, Restaurant keeper.
Wheeler, Charles J., 32 Mead street, Painter.
Wheeler, Frank F., 11 Mossland street, Painter.
Wheeler, Homer C., 16 Kidder avenue, Receiving clerk.
Whitcomb, Seth H., 59 Summer street, Nurse.
White, Christopher J., 86 Prospect street, Laborer.
White, Frank H., 14 Montgomery avenue, Map moulder.
White, George H., 35 Meacham street, Machinist.
White, J. Harvey, 411 Broadway, Agent.
White, Maurice J., 52 Linwood street, Clerk.
Whitney, James F., 40 Dartmouth street, Railroad acct.
Whiton, Erastus, 12 Aldrich street, Clerk.
Whiton, George F., 20 Otis street, Leather dealer.
Wholey, James, 25 Oak street, Laborer.
Wiggin, Walter S., 74 Walnut street, Salesman.
Wilkins, Samuel H., 19 Dover street, Beef dealer.
Williams, Charles C., 10 Oakland avenue, Manager.
Williams, Charles H., 45 Union square, Carpenter.
Williams, James, 166 Sycamore street, No occupation.
Williams, James A., 212-A Somerville avenue, Carpenter.
Williams, Paulinus F., 99 Belmont street, Salesman.
Williston, Belvin T., 3 Monmouth street, Mech. engineer.
Willoughby, George T., 111 Central street, Builder.
Wilson, John R., 60 Albion street, Carpenter.
Wilson, Jonas W., 19 Houghton street, Teamster.
Winsor, Martin C., 65 Cross street, Iron salesman.
Winters, John M., 275 Washington street, Electrician.
Winters, William H., 275 Washington street, Teamster.
Wood, Charles, 25 Columbus avenue, Locksmith.
Wood, Herbert W., 30 Wallace street, Shell comb maker.
Wood, James, 40 Tower street, Locksmith.
Woodbury, Frederick A., 240-A School st., Shoe dealer.
Woodman, L. Leroy, 8 Linden circle, Yardmaster.
Woods, George H., 14-A Austin street, Agent.
Wren, Maurice, 115 Cedar street, Salesman.
Wright, Walter H., 54 Vinal avenue, Manufacturer.
Wyatt, Charles B., 10 Linden avenue, Machinist.
Wyer, James C., 45 Pearl street, Engineer.
Wyman, Charles B., 67 Thurston st., Restaurant keeper.

Y

York, Ernest A., 10 Thorndike street, Driver.
Young, David, 372 Highland avenue, Blacksmith.
Young, Herbert L., 65 Franklin street, Clerk.
Yunker, Richard E., 9 Rossmore street, Wheelwright.

CITY GOVERNMENT AND OFFICERS FOR 1905.

Mayor.

LEONARD B. CHANDLER.

45 Jaques street.

Board of Aldermen.

President — JOHN J. HIGGINS.

Vice-President — SIDNEY B. KEENE.

WARD ONE.

ELMER H. SPAULDING, Alderman-at-large 44 Tufts street.
DAVID B. ARMSTRONG 25 Lincoln avenue.
THOMAS W. SUTHERLAND 30 Tufts street.

WARD TWO.

WILLIAM H. SMITH, Alderman-at-large 10 Emerson street.
WILLIAM A. FLAHERTY 261 Washington street.
JOSEPH P. PHILLIPS 8 Charlestown street.

WARD THREE.

WILLIAM F. BARKER, Alderman-at-large 5 Putnam street.
LEONARD W. COLE 5 Homer square.
WILLIAM M. ARMSTRONG 91 Summer street.

WARD FOUR.

HERBERT I. LAIGHTON, Alderman-at-large 74 Flint street.
SIDNEY B. KEENE 56 Fellsway West.
DAVID C. THEALL 250 Broadway.

WARD FIVE.

JOHN J. HIGGINS, Alderman-at-large 10 Dartmouth street.
GEORGE S. LOVEJOY 167 Highland avenue.
JESSE S. NEWCOMB 106 Glenwood road.

WARD SIX.

JOHN F. THOMPSON, Alderman-at-large 599½ Somerville avenue.
FRANK D. WILKINS 275 Willow avenue.
CHESTER S. MCFARLAND 21 Cedar street.

WARD SEVEN.

WALTER A. DOW, Alderman-at large 15 Ware street.
ZEBEDEE E. CLIFF 29 Powder House terrace.
JAMES DAVIS 85 Chandler street.

City Clerk — GEORGE I. VINCENT (died February 5, 1905).

FREDERIC W. COOK (elected February 9, 1905).

Assistant City Clerk — FREDERIC W. COOK (elected City Clerk).

HOWARD E. WEMYSS (appointed February 17, 1905).

Regular meetings, second and fourth Thursday evenings of each month, at 8 o'clock.

Standing Committees of the Board of Aldermen.

ACCOUNTS. — Aldermen Wilkins, Sutherland and William M. Armstrong.

BONDS. — Aldermen Phillips, Theall and David B. Armstrong.

CITY ENGINEERING. — Aldermen Smith, Sutherland and Davis.

CLAIMS. — The President, Aldermen William M. Armstrong and Davis.

ELECTIONS. — Aldermen Phillips, David B. Armstrong and Theall.

ELECTRIC LINES AND LIGHTS. — Aldermen Newcomb, Cole, Spaulding, Dow and McFarland.

FINANCE. — The President, Aldermen Barker, Flaherty, Dow, Spaulding, Keene and Wilkins.

FIRE DEPARTMENT. — Aldermen Cole, Lovejoy, Sutherland, Theall and Davis.

GRADE CROSSINGS. — Aldermen Lovejoy, Keene, Phillips, William M. Armstrong and McFarland.

HIGHWAYS. — Aldermen Keene, Barker, Dow, Flaherty, David B. Armstrong, Newcomb and Wilkins.

LEGISLATIVE MATTERS. — The President, Aldermen Keene and Cliff.

LICENSES. — Aldermen Dow, Wilkins and Newcomb.

ORDINANCES AND RULES. — Aldermen Barker, Loughton and McFarland.

POLICE. — The President, Aldermen Smith and William M. Armstrong.

PRINTING. — Aldermen Loughton, Cole and Lovejoy.

PUBLIC GROUNDS. — Aldermen Newcomb, Loughton, Phillips, McFarland and Davis.

PUBLIC PROPERTY. — Aldermen Lovejoy, Barker, Smith, Theall and Cliff.

SEWERS. — Aldermen Flaherty, Spaulding and Cliff.

SPECIAL BUILDING PERMITS. — Aldermen Smith, David B. Armstrong and Cliff.

STATE AID AND SOLDIERS' RELIEF. — Aldermen Spaulding, Cole and Flaherty.

WATER. — Aldermen Loughton, Lovejoy and Sutherland.

School Committee.

Chairman. — FREDERICK A. P. FISKE.

Vice-Chairman. — GEORGE E. WHITAKER.

(Term, two years, except members ex-officiis.)

LEONARD B. CHANDLER, Mayor (ex-officio), 45 Jaques street.

JOHN J. HIGGINS, Pres. Board of Aldermen (ex-officio), 10 Dartmouth street.

WARD ONE.

HENRY F. CURTIS (elected 1903), 145 Perkins street.

WILLIAM W. KENNARD (elected 1904), 15 Hathorn street.

WARD TWO.

DANIEL H. BRADLEY (elected 1903), 19 Concord avenue.

JOHN H. O'NEIL (elected 1904), 44 Oak street.

WARD THREE.

GEORGE E. WHITAKER (elected 1903), 75 Walnut street.

WILBUR S. CLARKE (elected 1904), 40 Vinal avenue.

WARD FOUR.

GEORGE W. W. WHITING (elected 1903), 282 Broadway.
WILLIAM P. JONES (elected 1904), 13-A Maple avenue.

WARD FIVE.

QUINCY E. DICKERMAN (elected 1903), 85 Central street.
J. WALTER SANBORN (elected 1904), 183 Central street.

WARD SIX.

FREDERICK A. P. FISKE (elected 1903), 44 Cherry street.
CHARLES H. HOOD (elected 1904), 2 Benton road.

WARD SEVEN.

GEORGE C. MAHONEY (elected 1903), 415 Highland avenue.
HENRIETTA B. H. ATTWOOD (elected 1904), 18 Herbert street.

Superintendent and Secretary. — GORDON A. SOUTHWORTH.

Office, City Hall Annex.

Hours: 8 A. M. to 12 M., and 1.30 to 5 P. M., except Saturdays;
Saturdays, 8 to 10 A. M.

Regular meetings, last Monday evening of each month, except July and August, when none are held, and December, when meeting is on last Friday.

Assessors.

(Term, three years.)

ALBERT B. FALES, Chairman (term expires 1907).

BENJAMIN F. THOMPSON (term expires 1908).

NATHAN H. REED (term expires 1906).

HARRY A. TRUE (term expires 1906).

JESSE J. UNDERHILL (died August 29, 1905).

GEORGE E. ELLIOTT (appointed September 28, 1905; term expires 1908).

ASSISTANT ASSESSORS.

(Term, one year.)

FRED B. CLAPP.

GEORGE E. ELLIOTT.

JOHN J. SHEERAN.

WALTER F. TURNER.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Board of Health.

(Term, two members, two years; one member, one year.)

ALLEN F. CARPENTER, Chairman (term expires 1906).

EDMUND S. SPARROW (term expires 1907).

WESLEY T. LEE, M. D. (term expires 1906).

Clerk. — WILLIAM P. MITCHELL.

Agent. — CALEB A. PAGE.

Superintendent Collection of Ashes and Offal. — EDGAR T. MAYHEW.

Inspector of Animals and Provisions. — CHARLES M. BERRY.

Inspector of Milk and Vinegar. — JULIUS E. RICHARDSON.

Bacteriologist. — FRANK L. MORSE, M. D.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Overseers of the Poor.

Office, City Hall Annex.

(Term, three years.)

EDWARD B. WEST, Chairman (term expires 1906).

ALBERT W. EDMANDS (term expires 1908).

HERBERT E. MERRILL (term expires 1907).

Agent. — CHARLES C. FOLSOM.*Secretary.* — CORA F. LEWIS.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Registrars of Voters.

(Term, three years.)

CHARLES P. LINCOLN, Chairman (term expires 1907).

CHARLES E. PARKS (term expires 1908).

LEVI F. S. DAVIS (term expires 1906).

GEORGE I. VINCENT, City Clerk (died February 5, 1905).

FREDERIC W. COOK, City Clerk (elected February 9, 1905; term expires 1908).

Public Library Trustees.

(Term, three years.)

CHARLES A. WEST, Chairman (term expires 1907).

JOHN B. VIALI (term expires 1908).

EDWARD C. BOOTH (term expires 1907).

GEORGE W. PERKINS (term expires 1907).

J. FRANK WELLINGTON (term expires 1908).

IRVING G. HALL (term expires 1906).

HOWARD D. MOORE (term expires 1906).

FREDERICK W. PARKER (term expires 1906).

CHARLES S. SOULE (term expires 1908).

Librarian and Secretary. — SAM WALTER FOSS.

Library open 9 A. M. to 9 P. M., and the reading room Sundays 2 to 6 P. M.

City Clerk.

GEORGE I. VINCENT (died February 5, 1905).

FREDERIC W. COOK (elected February 9, 1905).

Assistant City Clerk. — FREDERIC W. COOK (elected City Clerk).

HOWARD E. WEMYSS (appointed February 17, 1905).

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

City Treasurer and Collector of Taxes.

JAMES F. BEARD.

Office open: 8 A. M. to 2 P. M.; Saturdays, 8 A. M. to 12 M.

City Messenger.

JAIRUS MANN.

Mayor's Secretary.

FRED E. WARREN.

City Solicitor.

FRANK W. KAAH,
50 State street, Boston.

City Auditor.

CHARLES S. ROBERTSON.

City Engineer.

ERNEST W. BAILEY.
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

Clerk of Committees and Departments.

WILLIAM P. MITCHELL.
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

Commissioner of Streets.

ASA B. PRICHARD.
Office hour : 9 A. M.

Commissioner of Public Buildings and Inspector of Buildings.

WALTER T. LITTLEFIELD.
Office open : 8 A. M. to 4 P. M., Saturdays, 8 A. M. to 12 M.

Inspector of Plumbing.

DUNCAN C. GREENE.
Office hour : 8 to 9 A. M.

Commissioner of Electric Lines and Lights.

EDWARD BACKUS.
Office hour : 8.30 to 9.30 A. M.

Water Commissioner.

FRANK E. MERRILL.
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

Chief of Police.

MELVILLE C. PARKHURST.
Office, Police Building, Bow street.

Chief Engineer of the Fire Department.

JAMES R. HOPKINS.
Office, Central Fire Station, 261 Medford street.

City Physician.

ALVAH B. DEARBORN, M. D.,
34 Bow street.

Inspector of Milk and Vinegar.

JULIUS E. RICHARDSON,
310 Broadway.

Inspector of Trees.

CHARLES I. BUCKNAM (appointed July 27, 1905).

Inspector of Animals and Provisions.

CHARLES M. BERRY,
60 Prescott street.

Inspector of Petroleum.

JAMES R. HOPKINS.
Office, Central Fire Station, 261 Medford street.

Sealer of Weights and Measures.

JOHN H. DUSSEAULT,
Office, City Hall Annex.

Office open: November 1 to March 31, inclusive, 9 A. M. to 12 M.; April 1 to October 31, inclusive, 9 A. M. to 12 M., Fridays and Saturdays only.

Fence Viewers.

LAMBERT M. MAYNARD,
90 Highland avenue.

CHARLES M. BERRY,
60 Prescott street.

Burial Agent.

UNDER REVISED LAWS, CHAPTER 79, SECTION 20.

JOHN H. DUSSEAULT,
42 Sargent avenue.

Constables.

GEORGE H. CARLETON.
EUGENE A. CARTER.
WINSLOW W. COFFIN.
THOMAS DAMERY.
JOHN M. DRISCOLL.
CHARLES L. ELLIS.
CHARLES C. FOLSOM.
PATRICK J. GARVIN.
WILLIAM D. HAYDEN.

FRANKLIN W. HOPKINS.
DENNIS KELLEY.
JAIRUS MANN.
CHARLES B. PALMER.
MELVILLE C. PARKHURST.
ROBERT R. PERRY.
MALCOLM E. STURTEVANT.
GEORGE M. WINTERS.
CHARLES E. WOODMAN.

Measurers of Wood and Bark.

WILLIAM B. HOLMES,
317 Broadway.

OSCAR A. DYKENS,
34 Chestnut street.

Measurers of Grain.

JOHN CRAIG.

GUSTAV A. YOUNG.

Public Weigher in Charge of City Scales at City Ledge.

EDWARD L. GRANT.

Weighers of Coal.

EDGAR H. BARKER.
 JEFFERSON D. CAMERON.
 ALFRED B. CLARK.
 PATRICK COFFEY.
 HARRY A. CRAWFORD.
 HOWARD H. DAVENPORT.
 FRED C. DINSMORE.
 CHARLES F. DOHERTY.
 THOMAS A. DUNLAP.
 AMHERST F. DURKEE.
 OSCAR A. DYKENS.
 JOEL J. FISHER.
 PHILIP F. FITZPATRICK.
 FRANK H. FREEMAN.
 CHARLES W. FURLONG.
 CHARLES T. GARLAND.
 WILLIAM E. GERRISH.
 JOHN H. GRAY.
 STEPHEN M. G. HALE.
 CHARLES B. HARRIS.
 JAMES HAYDEN.
 AGNES HELLEN.
 IDA C. HOULIHAN.
 GRACE ABBIE HURD.
 FRED M. HUTCHINSON.
 CHARLES H. JEWELL.

THOMAS C. LAMB.
 HERBERT B. MAGOWN.
 CHARLES W. MARQUEDANT.
 JOHN A. MARSH.
 GEORGE F. MCALLISTER.
 JOHN McDONALD.
 JOHN W. McIVER.
 HENRY T. McLEAN.
 FRANK T. McMAHON.
 JAMES C. McMAHON.
 JOHN J. McMAHON.
 GEORGE H. MOORE.
 STEPHEN M. MORAN.
 CHARLES W. PORTER.
 PAUL N. RAYMOND.
 LOTTIE L. RICE.
 CHARLES E. ROCKWELL.
 ABRAM SIMON.
 WILLIAM C. STICKLE.
 FRANK A. TEELE.
 WILLIAM J. THOMPSON.
 ELIZABETH M. L. WALLACE.
 THOMAS WALSH.
 CHARLES H. WARD.
 DAVID C. WOODILL.
 LUCIAN L. WOODMAN.

Weighers of Beef.

OLIVER S. BRYANT.
 JESSE W. CHASE.
 GEORGE M. CHISHOLM.
 WILLIAM J. DOONER.
 ALFRED G. DYMOND.
 FREDERICK A. GEILING.
 CHESTER G. HALL.
 JOHN J. HORRIGAN.

WENDALL B. HORTON.
 REUBEN W. MEAD.
 JOHN T. QUINN.
 HERBERT D. REED.
 WILLIS B. SARGENT.
 WALTER SAVAGE.
 ROBERT E. SMITH.
 WALTER M. TOWER.

EDWARD M. WHEELER.

INDEX.

	PAGE
Bacteriologist, Report of	274
City Clerk, Report of	412
Receipts	412
Payments	413
Licenses and Permits	413
Gas and Pole Locations	414
Births	414
Marriages	415
Deaths	415
Assessed Polls and Registered Voters	417, 418
Elections	419
Liquor License Question	424
George I. Vincent	425
City Engineer, Report of	289
Engineering Department	2 9
Expenses, Engineering Department	289, 290
Office Records and Value of Instruments	290
General Work	291
Streets Accepted in 1905	293
Length of Public Streets in Each Ward	293
Miles of Edgestone, Brick Sidewalk, and Gravel Sidewalk in Each Ward	294
Table of Street Construction	294
Bridges and Grade Crossings	295, 296
Perambulation of City Boundary Lines	296
Sewer Department	297
Sewers Construction, Expenses, 1905	297
Sewers Constructed	293, 299
Summary of Work	299
Metropolitan Sewer Connections	299
New Work, Recommendations	300
Alewife Brook	300
Sewers Maintenance, Expenses, 1905	301
Public Grounds Department	303
Public Grounds Maintenance, Expenses	304
Table of Streets	307
City Government and Officers for 1905	446
City Physician, Report of	288
City Solicitor, Report of	409
City Treasurer and Collector of Taxes, Report of	16
Public Property	16, 21
Funded Debt	16, 26
Resources	18
Appropriations from Funded Debt and from Income	19
Cash	19
Assets and Liabilities	19
Balance Sheet	20
Statement of Accounts	21
Balances	136
Approval of Treasurer's Report	139
Commissioner of Electric Lines and Lights (see Electric Lines and Lights, Commissioner)	353

Commissioner of Public Buildings (see Public Buildings, Commissioner)	341
Commissioner of Streets (see Street Commissioner)	319
Commissioner of Water (see Water Commissioner)	357
Electric Lines and Lights, Commissioner, Report of	353
Electrical Department	353, 355
Fire Alarm	353
Police Signal	354
Underground Wires	354
Street Lights	355
Financial Statement	355
Fire Department, Chief of, Report of	393
Fires	393
Manual Force	393
Equipment	394
Recommendations	394
Cost of Fire Department Maintenance	394
Causes of Bell Alarms	395
Fire Department Account	396
Roster of Department	398
Health, Board of, Report of	255
Organization, Officers	255
Nuisances	256
Permits	257
Pedlers	258, 273
Ashes	259, 273
House Offal	259
Stables	260
Board of Infants	260
Deaths and Death Rates	260, 269, 270
Diseases Dangerous to the Public Health,	261, 265, 266, 267, 270, 271, 275
Disinfection	265
Contagious Hospital	267
Bacteriological Department	267, 274
Specimens and Anti-toxin	268
Districts	268
Undertakers	272
Examiners of Plumbers	272
Tuberculosis	264, 270
Tables of Diseases	266, 270, 271
Financial Statement	272, 273
Bacteriologist, Report of	274
Inspector of Animals and Provisions	277
Inspector of Milk and Vinegar	278
Inspector of Buildings (see Public Buildings, Commissioner)	341
Inspector of Animals and Provisions, Report of	277
Inspector of Milk and Vinegar, Report of	278
Jury List	428
Mayor's Inaugural Address	3
Funded Debt	3
Taxable Property	5
The City's Finances	6
Recommendations	11
Ordinances	426
Overseers of the Poor, Report of	280
Members of the Board, Committees, Officers, etc.	280
Report of Agent	282
Full Support	283
Partial Support	283

Reimbursements	283
Somerville Hospital	284
Population and Gross Expenditures, 1883-1905	284
Overseers of the Poor Since 1885	285
Recapitulation, Miscellaneous	285
City Home	286
Report of City Physician	288
Police, Chief of, Report of	401
Arrests	401
Miscellaneous	402
Police Signal, Patrol Wagon, and Ambulance Service	402
Suggestions and Recommendations	402
In General	403
In Memoriam	404
Roster	405
Poor Department (see Overseers of the Poor)	280
Population	143, 263, 284, 424
Public Buildings, Commissioner, Report of	341
Inspection of Buildings	341
Inspection of Plumbing	342
Proctor School	342
Health Department Building	342
Bell School, Fire Escape	342
Addition to Latin High School	342
Electric Service	343
Recommendations	343
Public Buildings, Care and Repair	344
Expenditures	344
Conclusion	352
Public Grounds (see City Engineer)	303
Public Library	237
Trustees, Officers, Committees, Librarian, Employees	237
Receipts and Expenditures	238
Isaac Pitman Art Fund	238
Isaac Pitman Poetry Fund	238
Report of the Trustees	239
Report of the Librarian	241
Cataloguing Department	241
Binding	241
Books Added	241
Books Withdrawn	241
School Department	242
Reference and Art Department	242
Children's Department	243
Agencies	244
General Work	245
Inventory	247
Growth	248
Donations	250
Remarks	253
School Department	140
Report of School Committee	140
Members, Officers, Committees, Meetings, Office Hours,	141, 226, 235
Report of Superintendent	143
Summary of Statistics	143
School Buildings	143, 195
Teachers	143, 157, 194, 212, 213, 214, 228
Attendance	143, 155, 201, 209

Cost of Schools	144, 196, 198, 199
Miscellaneous	144, 194
Existing Accommodations	144
Length of School Year	145
Population	146, 200
Additional Accommodations, High Schools	148
Accommodations for the English School	151
Additional Accommodations, Elementary Schools	152
Truants	157, 193, 205
Latin School	159, 189, 202, 210
English High School	161, 190, 202, 210
Grammar and Primary Schools	163, 188
Kindergartens	165, 188
Evening Schools	166, 192, 206, 207
Vacation Schools	168
Per Capita Cost	169, 197, 199
Stamp Savings	171
Medical Inspection	172
Public Library	172
Manual Training	173, 191
Promotions	174, 188, 211
Student Organizations in High Schools	176
Sanitary Condition of Schoolhouses	178
Schoolhouse Decorations	182
Exposition Awards	183
Fire Drill	183
Valedictory, Quincy E. Dickerman	184
The Essentials	185
George E. Nichols	187
Organization of Somerville Schools	188
Sewing	191
Music	191
Gymnastics	191
Recesses	191
Corporal Punishment	191
Drawing	192
Penmanship	192
Student Teachers	192
The Public Library	192
Janitors	193, 236
Supervision	193
Appendix, with Table of Contents	194
Pupils	194, 203, 204
School Census	200
Membership	210
Books	215
Graduation Exercises	215
Lists of Graduates	205, 216
Scaler of Weights and Measures, Report of	406
Sewers (see City Engineer)	297
Street Commissioner, Report of	319
Pearl and Medford Streets	319
Highland Avenue	319
Holland and Washington Streets	319
Granite Paving	320
Clarendon Avenue	320
City Ledge	320
Stone Crusher	320
Street Cleaning	321
Bridges	321

Shade Trees	321
Subways	321
Brown-Tail and Gypsy Moths	322
Street Watering	322
Granolithic Sidewalks	322
Steam Rollers	323
Snow and Ice	323
Wires Underground	323
Accepted Streets	324
Perambulation of Boundary Lines	324
Sidewalks Maintenance	324
Miscellaneous	325
Recommendations	326
Detailed Statement of Accounts	327
Streets Constructed	333
Streets Repaired	334
Sidewalks Constructed	335
Granolithic Sidewalks	337
Gutters Paved	338
Driveways Constructed	339
Driveways Discontinued	339
Driveways Relocated	339
Streets Accepted in 1905	340
Street Crossings Laid	340
Street Crossings Resurfaced	340
Length of Accepted Streets in Each Ward	340
Support of Poor Department (see Overseers of the Poor)	280
Water Commissioner, Report of	357
Somerville Water Works	357
Receipts and Expenditures	358
Cost of Water Works	359
Water Debt	360
Extension of Water Distribution System	360
Summary of Pipes and Fixtures	361
Maintenance and Renewals	361
Inventory	362
Water Consumption	363
Meters	363, 364
Metropolitan Water	364
Mains Laid, Gates, Hydrants, etc., Set in 1905	367
Pipes Relaid, Gates and Hydrants Reset in 1905	369
Hydrants, Construction Account	370
Hydrants, Renewal Account	370
Hydrants, Recapitulation	370
Location of Hydrants	371
List of Private Hydrants	387
Gates, Construction Account	387
Gates, Renewal Account	388
Gates, Recapitulation	388
Locations of Water Posts	389
Locations of Drinking Fountains	390
Summary of Statistics	391
Financial Statistics	392

