

CITY OF SOMERVILLE

MASSACHUSETTS

ANNUAL REPORTS

1908

With Mayor's Inaugural Address

Delivered Jan. 4, 1909



SOMERVILLE JOURNAL PRINT

1909

INAUGURAL ADDRESS

DELIVERED BY

MAYOR JOHN M. WOODS

MONDAY, JANUARY 4, 1909.

Gentlemen of the Board of Aldermen:—

As a city, we have abundant reasons for rendering devout thanks to Almighty God for all the blessings of the past, and the good hopes for the future. Pestilence has not come nigh our dwellings, nor dire disaster injured us in body or estate. Business depression, that made labor unemployed and incomes decrease, apparently has for a season departed, and we begin to see and hear the rising tide of returning prosperity. Verily, our lines have fallen in pleasant places, and we have a goodly heritage.

First, I desire to publicly thank Mayor Grimmons, and all the heads of departments and city officials, for their kindness and willingness to assist me in every way possible, and the city messenger for his thoughtful care and interest in my behalf.

The financial condition of the city, containing statements of the funded debt, value of public property, facts in relation to taxation, revenue, comparative tables, etc., which are a part of this address, I shall omit the reading of, as they will be printed, and every citizen can study and compare them at his convenience.

The time between the election and inauguration of a new mayor is too short to make but little more than a superficial investigation of the various departments of our city. I have carefully considered all the suggestions and recommendations sub-

mitted to me by the heads of departments. Many of them I should be glad to recommend for your consideration, but having in mind the high tax rate and that every dollar spent comes out of the pockets of the people, it does not seem wise to recommend anything that shall suggest any new, large expenditure of money; but rather that the strictest economy should be exercised, consistent with correct business principles—economy without parsimony, taking good care of what we have. A debt is never a blessing, and interest is a constant drain. Believing it wise that a larger reduction of the debt should be made each year, it seems to me the only safe way is to “cut our garment according to our cloth,” limiting our expenditures to our actual needs. I am aware that it is not the most pleasant thing for the head of a household, city, state, or nation to urge economy; but, nevertheless, it becomes, in many instances, absolutely necessary, for the solvency and security of all, that it not only be preached, but practiced.

Highways.

Our side streets are mostly in a fairly good condition, but the main thoroughfares, as a whole, are in a condition that is but little short of a disgrace to the city. I recommend that a comprehensive and systematic beginning be made to put them in first-class condition; side and short streets can, and must, as a rule, wait. In this connection I earnestly request all our business men and women and householders to see that no rubbish or litter is thrown into the street. In the language of old, if each one will build over against his own house, not only take pride in his or her store or dwelling, but in the street in front, it will not only be a pleasure to our own citizens to walk or ride in our own streets, but those from the outside will go through our city instead of around it, as many of them do now.

Police Department.

A large number of our citizens share with me in the belief that this department needs a thorough house-cleaning to bring it up to the proper standard of efficiency and discipline. I presume the department will compare in its personnel with others in the commonwealth, but that is not enough. What the department needs, and must have, is an efficient head, a man of experience, ability, and courage; one who will perform his own duty in letter and spirit, and see to it that every man under him

does the same. In no department of our city is it more necessary than in the police department that every man should be of the highest personal character. They are the men to whom we look to enforce the laws of the commonwealth and ordinances of the city, and to protect the lives and property of all the people.

Fire Department.

From all the information I am able to obtain, there does not appear to be that discipline that is necessary to render the best service to the city. I shall endeavor to make a careful investigation of the conditions existing, and remedy the defects, if any be found. I believe the city is well protected as far as engine houses and apparatus are concerned.

City Engineer's Department.

The city engineer has submitted to me a most complete report of the department under his charge, replete with valuable information, and containing many suggestions worthy of careful consideration, one of which appeals strongly to me—to increase the usefulness of the parks and playgrounds of the city, not only for the benefit of adults, but for the children. I am interested in the boys and girls of our city, that they may grow up strong and vigorous in body as well as in mind and character. There is an education in the soil that neither books nor schools can supply.

Other Departments.

The city clerk's and treasurer's offices appear to be in good condition and well managed, as do also the public buildings and water departments.

Electric Lines and Lights Department.

From what I have learned about this department, it needs a new head for the best interests of the city.

Schools.

In approaching this subject, I am aware that probably my views will not meet with general approval, especially from educators. They are the result not of experience in and with the schools, but rather with the product of the schools. It has long been my firm conviction that the schools are trying to do too

much, and quality is being sacrificed for quantity. Use, not ornament, it seems to me, should be the settled purpose. In the language of Spencer, "The function which education has to discharge is to prepare us for complete living." I shall, at the proper time, try to put my views in concrete form before the school board, and if they have any merit, hope for their adoption.

Public Library.

The public library, under the management of its skilled and able librarian, is fulfilling its mission in the highest and best sense.

Poor Department.

The poor department appears to be managed wisely and well.

Assessors' Department.

There is a feeling amongst some of our tax-payers that there are inequalities in the assessment of real estate, that some sections and some of the older properties are quite a per cent. above what they could be sold for under the most favorable conditions, or will yield a fair return on the investment. The tax bill is more important than the tax rate. The law says property should be assessed at a fair cash valuation; if some property is assessed five or ten per cent. more than it ought to be, an injustice is being done, and we are paying state, county, and metropolitan systems taxes on what we have not got. I would most respectfully ask the board of assessors to give this matter their careful and thoughtful attention, and also request our honorable senator and representatives in the legislature to give the closest scrutiny to all appropriation bills. The state tax is a large drain on our resources.

Trees.

Nothing adds more to the health, beauty, and comfort of our city than well-kept trees. Our soil is adapted to the growth of nearly all of the native New England hardwoods. It is time and money wasted to set out trees along our streets unless they are properly cared for. Young trees require moisture until they have taken root, and they and all trees should be pruned by those who know how to do it properly, so that they shall be symmetrical in shape and not injured. All tree pests should be well

looked after before the leafy season arrives. There are in our city many vacant lots and waste places, unsightly to the eye, doing no one any good, that ought to be utilized and beautified. I had hoped to have sufficient data from other cities that are doing something in this line to present some definite plan for your consideration, and I hope before spring opens to further investigate this matter, and find out what the city officially can do in this direction.

Lowell Street Bridge.

I confidently hope at an early date to be able to submit to your honorable board a solution of this matter that will be just and honorable to all parties at interest.

No License.

Our city has said in a most emphatic manner that intoxicating liquors shall not be sold. I shall enforce the law in letter and spirit, and I respectfully request that the closest scrutiny be given to every applicant for a license to transport liquor into the city.

Veterans of the Civil War.

I commend them to your favorable and generous consideration. None of them have long to stay here.

Dedication of the Soldiers' Monument.

It is confidently hoped that this will be completed and ready for dedication next Memorial day. On that day the veterans of the Civil war should have the post of honor. I earnestly hope the day, sacred to the dead and living heroes; the spot, hallowed by all the sublime and precious memories of the past; the monument, an object lesson of all that is patriotic in heroism and heroic in patriotism, will be made a notable event in our city's history, and I urge all the patriotic men and women in our city to join with me in making the dedication of this monument, to the men that made the nation whole, a dignified and impressive occasion.

The Carnegie Library.

This will be completed and ready for dedication in a few months. It should be dedicated in a manner befitting its high purpose and the noble impulse that prompted the gift.

Appropriation for Hospital.

I recommend the appropriation of five thousand dollars for the Somerville hospital, for the care of our people who are unable to pay. I also heartily commend every agency in our city that is laboring for moral uplift and amelioration of want and suffering. Government means something more than levying and collecting of taxes, and expending them wisely, and enforcing the laws. In the language of the constitution of this commonwealth, it was instituted for the common good, for the protection, safety, prosperity, and happiness of the people.

Amendments to City Charter.

At as early a date as possible I shall submit in writing to your honorable board for your consideration, and I trust approval, some proposed amendments to the city charter, but time will not permit, nor am I fully prepared now to give full and complete reasons for these changes, but will give in outline, in a general way, my views:—

First,—The present system, under the city charter, of purchasing supplies is loose and unbusinesslike, a temptation to petty graft, and renders it almost an impossibility for the mayor to have an oversight or knowledge of the expenditures of the city. In my judgment, there should be a competent man appointed by the mayor, and responsible to him, who should do all the purchasing for every department in the city, department heads making their requisitions upon the agent, and he submitting them to the mayor. The heads of departments could then give their entire time to the work of their departments. I believe this would result in more efficient service, and in saving money to the city.

Second,—I believe in placing the entire control and care of the streets under one competent head, who should be a civil engineer, he to appoint his subordinates, subject to the approval of the mayor. One head of a department suggests that he is not wholly responsible for the condition of things under his charge, on account of the doings of other departments. Putting the streets under one responsible head saves liability of friction and jealousy, and ought to result in improvement in the streets, and a saving to the city. Divided responsibility often results in little or none.

Third,—I believe the mayor should have the power of veto over the school committee that he has over the board of alder-

men. It seems an anomaly that the mayor can be trusted in other departments of the city, and cannot be trusted in the school department. I see no good reason why every department should not be a co-ordinate branch of the government, unless contrary to the city charter or the laws of the state.

I sincerely hope the changes I have suggested will not only meet your approval, but also of the honorable senator and representatives, the school committee, and our citizens generally, and that in petitioning the legislature for these changes I may have a solid city behind me.

Encouragement of Public Spirit.

We are indeed fortunate in having such a large number of high-minded, public-spirited men and women in our city. Civic pride is not lacking; it only needs to be crystallized and solidified to become a more vital force for the betterment of the city. I heartily commend the Fourth of July Association and all others that have for their object the pleasure and amusement of our people. In like manner I give my most hearty endorsement to the Winter Hill Improvement Association. I hope to see its counterpart in every ward in the city, vying with each other in a friendly rivalry to see which shall do the most to make a brighter, better, cleaner, and more beautiful Somerville. I believe in good, clean, wholesome athletic sports, and that there are but few tax-payers who will object to a reasonable appropriation to make them possible. The more attractive this city is made, the more people will come to it, and more money will be spent in it.

Official Responsibility.

The city charter says that the several administrative boards named in Title 6 shall at all times be accountable to the mayor for the proper discharge of their duties. I shall hold them to this responsibility. It is necessary that the head of every department over which the mayor has control and is responsible for should be men in whose ability and honesty he has the utmost confidence. The whole people hold me responsible to them, and I accept the responsibility. Every person paid by the city is paid to work, and not to shirk. I believe in personal and individual responsibility. I shall not be slow to praise and commend faithful service, nor to censure and condemn neglect and inefficiency. I ask the confidence and co-operation of every alderman, official, and citizen in all that shall be undertaken for

the benefit of the city, and I pledge you mine, that we may together work with an eye single to only the public good, to the end that our beloved city shall be dearer to all the people, and stand out bold and clear as the best ordered and best governed city in all the land.

The total funded debt of the city January 1, 1908, was \$1,508,000. This debt was increased during the year \$110,000. It was decreased \$151,500, leaving the net funded debt January 1, 1909, \$1,466,500, a net decrease of \$41,500.

The total amount of taxable property is \$63,158,400, of which \$56,292,500 is real estate, and \$6,865,900 is personal estate. At a rate of \$18.40 on each \$1,000 of valuation, the tax is \$1,162,114.56. There are 21,163 polls at \$2, making \$42,326. Amount assessed for street watering, \$30,619.90, and for the suppression of gypsy and brown-tail moths, \$788.74, on non-resident bank shares to be paid to the state, \$1,845.52, making a total tax levy of \$1,237,694.72. The total number of persons assessed, resident and non-resident, was 28,928.

Of the amount received in taxes, \$200,000 is required for the debt provisions; \$228,709.56 are state and county taxes, metropolitan district assessments, etc., matters over which the city has no control; \$395,000 is used for current expenses of departments, over which the board of aldermen has no control; \$338,405 is the amount for current expenses within control of the board of aldermen.

The same statement based upon the \$18.40 per thousand is as follows: Of each \$18.40, \$3.62 is for state, county, and metropolitan taxes, and overlay and abatement; \$3.17 for debt requirements; \$6.25 for current expenses over which the board of aldermen has no control; \$5.36 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 \$223,199.57 on water income account; we received \$36,319.48 from corporation and bank taxes; from the clerk of the courts, \$3,628; from the county treasurer, for dog licenses, \$4,214.39; from the state, the street railway tax, \$40,400.47; from the Boston Elevated railway tax, \$9,010.15; and amount received on account of armory, \$6,109.30; a total of \$322,881.36, making the total amount available from these sources and from taxes, \$1,560,576.08.

Funded Debt.—The funded debt of the city January 1, 1908, was as follows:—

City Loan	\$1,102,000 00
Sewer Loan	290,000 00
Paving Loan	25,000 00
Water Loan	69,000 00
Metropolitan Park Assessment Loan	22,000 00
	<hr/>
	\$1,508,000 00

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

Electrical Department, Underground Construction	\$3,000 00
Fire Department, Additional Apparatus	3,500 00
Highways Construction	28,000 00
Highways, Paved Gutters and Crossings	12,000 00
Highways, Shade Trees	500 00
Public Buildings Construction, Building Public Buildings	20,000 00
Sewers Construction	30,000 00
Sidewalks Construction	13,000 00
	<hr/>
	\$110,000 00

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

City Loan	\$123,500 00
Sewer Loan	15,000 00
Paving Loan	5,000 00
Water Loan	7,000 00
Metropolitan Park Assessment Loan	1,000 00
	<hr/>
	\$151,500 00

Leaving the funded debt of the city January 1, 1909, \$1,466,500 (a decrease of \$41,500 from the previous year), classified as follows:—

City Loan bonds bearing interest at 3½ per cent.	\$279,000 00
City Loan bonds bearing interest at 4 per cent.	779,500 00
	<hr/>
Amount carried forward	\$1,058,500 00

Amount brought forward	\$1,053,500 00
City Loan Sewer bonds bearing interest at 3½ per cent.	69,000 00
City Loan Sewer bonds bearing interest at 4 per cent.	233,000 00
City Loan Sewer bonds bearing interest at 4½ per cent.	3,000 00
City Loan Paving bonds bearing interest at 4 per cent.	20,000 00
Water Loan bonds bearing interest at 4 per cent.	62,000 00
Metropolitan Park Assessment Loan bonds bearing interest at 3½ per cent.	21,000 00
	<hr/>
Total Funded Debt January 1, 1909	\$1,466,500 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, 1908, was duly submitted to the collector.

The total amount of taxable property, not including non-resident bank shares, was \$63,158,400, and the rate established was \$18.40 on each \$1,000 valuation, as follows:—

Real estate, valuation	\$56,292,500 00
Personal estate, valuation	6,796,200 00
Resident bank shares	69,700 00
	<hr/>
Total valuation	\$63,153,400 00
At a rate of \$18.40 on each \$1,000 valuation	\$1,162,114 56
Non-resident bank shares, \$100,300 at \$18.40	1,845 52
Polls, 21,163 at \$2	42,326 00
Street watering	30,619 90
Suppression of gypsy and brown-tail moths	788 74
	<hr/>
Total amount of tax levy	\$1,237,694 72
Total number of persons assessed, resident and non-resident, 23,923.	

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 36	\$338,405 00
Current expenses of departments over which the board of aldermen has no control	6 25	395,000 00
Debt requirements	3 17	200,000 00
State and county taxes, metropolitan sewer and park assessments, and Overlay account	3 62	228,709 56
<hr/>		
Total amount assessed on a valuation of \$63,158,400 at	\$18 40	\$1,162,114 56
Non-resident bank shares		1,845 52
Poll taxes assessed, credited to state and county		42,326 00
Street watering		30,619 90
Suppression of gypsy and brown-tail moth tax		788 74
<hr/>		
Total amount of tax levy		\$1,237,694 72

The appropriations to the various accounts were as follows:—

ACCOUNTS WITHIN THE CONTROL OF THE BOARD OF ALDERMEN.

Assessors	\$11,000 00
City Auditor	725 00
City Clerk	5,800 00
City Engineer	11,500 00
City Messenger	2,000 00
City Solicitor	2,450 00
City Treasurer	9,500 00
Clerk of Committees and Departments	4,700 00
Election Expenses, City Clerk	1,650 00
Election Expenses, Commissioner of Public Buildings	900 00
Election Expenses, Pay of Election Officers	2,600 00
Election Expenses, Registrars of Voters	1,780 00
<hr/>	
Amount carried forward	\$54,605 00

Amount brought forward	\$54,605 00
Electrical Department	8,500 00
Executive Department	4,000 00
Fire Department	38,000 00
Inspection of Buildings	5,200 00
Military Aid	900 00
Police	48,000 00
Printing and Stationery	1,000 00
Public Buildings Maintenance, City Buildings	10,000 00
Public Buildings Maintenance, Fire De- partment	5,000 00
Public Buildings Maintenance, Janitors' Salaries	29,000 00
Public Buildings Maintenance, School- houses	32,000 00
Public Grounds	10,700 00
Sealer of Weights and Measures	1,500 00
Sidewalks Maintenance	2,000 00
Soldiers' Relief	22,000 00
Somerville Hospital	5,000 00
Street Lights	57,000 00
Suppression of Gypsy and Brown-tail Moths	4,000 00
Total amount assessed on a valuation of \$63,158,400 at \$5.36	\$338,405 00

ACCOUNTS OVER WHICH THE BOARD OF ALDERMEN HAS NO CONTROL.

Health Department	\$8,000 00
Health Department, Collection of Ashes and Offal	43,000 00
Health Department, Contagious Disease Hospital	1,000 00
Health Department, Medical Inspection in Public Schools	1,500 00
Public Library	16,000 00
Public Library, West Somerville Branch	1,000 00
School Contingent	28,000 00
School Teachers' Salaries	280,000 00
Support of Poor, City Home	3,000 00
Support of Poor, Miscellaneous	13,500 00
Total amount assessed on a valuation of \$63,158,400 at \$6.25	\$395,000 00

ACCOUNTS PROVIDING FOR DEBT REQUIREMENTS.

Interest	\$70,000 00
Reduction of Funded Debt	130,000 00
Total amount assessed on a valuation of \$63,158,400 at \$3.17	\$200,000 00

PROVIDING FOR STATE AND COUNTY TAXES, ETC.

State Tax	\$96,470 00	
Deduct one-half of poll taxes,	21,163 00	
	<hr/>	\$75,307 00
County Tax	\$60,830 68	
Deduct one-half of poll taxes,	21,163 00	
	<hr/>	39,667 68
Metropolitan Sewer Assessment		59,602 25
Metropolitan Park Assessment		30,853 80
Overlay and Abatement		16,550 79
Armory Tax		562 50
Wellington Bridge Tax		6,165 54
		<hr/>
Total amount assessed on a valuation of \$63,158,400 at \$3.62		\$228,709 56
Collected for State on non-resident bank shares		1,845 52
		<hr/>
		\$230,555 08

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

From the income of the water works:—

Water Maintenance	\$30,000 00	
Less Unexpended Balance	1,012 13	
	<hr/>	\$28,987 87
Water Loan Interest		2,720 00
Reduction of Funded Debt, Water Loan Bonds		7,000 00
Metropolitan Water Assessment		108,691 08
Water Works Extension		15,000 00
Sewers Maintenance		12,000 00
Fire Department		38,000 00
Reduction of Funded Debt		10,800 62
		<hr/>
		\$223,199 57

From the income from the state and county:—

Police, the amount received from the state for corporation taxes	\$32,307 83
Police, the amount received from the state for bank taxes	4,011 65
Police, the amount received from the clerk of the courts for fines, costs, etc.	3,628 00
Public Library, the amount received from the county for dog licenses	4,214 39
	<hr/>
Amount carried forward.	\$44,161 87

Amount brought forward	\$44,161 87
Highways Maintenance, from street railway tax	40,400 47
Highways Maintenance, from Boston Elevated Railway tax	9,010 15
Reduction of Funded Debt, the amount received from the state on account of Armory	6,109 30
	<hr/>
Total	\$99,681 79
Total from water income and from state and county	<u>\$322,881 36</u>

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

From tax levy	\$1,237,694 72
From income	322,881 36
	<hr/>
	\$1,560,576 08

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
“ 1906	1,464,500	100,000	145,500 00	2 41
“ 1907	1,508,000	198,000	154,500 00	2 51
“ 1908	1,466,500	110,000	151,500 00	2 06

*\$10,000 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
1889 . . .	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
1906 . . .	60,371,500 . . .	1,114,023 62 . . .	17 40
1907 . . .	61,627,200 . . .	1,144,434 92 . . .	17 40
1908 . . .	63,158,400 . . .	1,204,440 56 . . .	18 40

REPORT OF THE CITY TREASURER AND COLLECTOR OF TAXES.

Treasurer's Office, February 11, 1909.

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

Gentlemen: The undersigned presents herewith the thirty-seventh 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, 1908.

Public Property.

The value of the public property of the city December 31, 1907, was \$5,231,735.34. The property acquired during the year was as follows:—

Fire Apparatus	\$4,500 00
Addition to Benjamin G. Brown School	10,011 30
Addition to Sanford Hanscom School	8,259 95
Bath House, Mystic River	2,368 21
Health Department Stable	11,350 12
Incinerator	81 99
Vault, City Hall	775 10
Playground (gravel land near North street)	1,500 00
Sewers, Construction	15,534 36
Water Works Extension	16,573 59
	\$70,954 62
Less amount received for gravel, Waltham land	606 88
	\$70,347 74
Total public property December 31, 1908, \$5,302,083.08.	

Funded Debt.

* The funded debt December 31, 1907, as per Table B of the last annual report, was \$1,508,000.

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

Electrical Department, Underground Construction	\$3,000 00
Fire Department, Additional Apparatus	3,500 00
Highways, Construction	28,000 00
Highways, Paved Gutters and Crossings	12,000 00
Highways, Shade Trees	500 00
Public Buildings Construction, Building Public Buildings,	20,000 00
Sewers, Construction	30,000 00
Sidewalks, Construction	13,000 00
	\$110,000 00
Total amount of appropriations on Funded Debt account	\$110,000 00

To provide for the above-mentioned appropriations, coupon bonds to the amount of \$110,000 at 4 per cent. were issued, viz. :—

City Loan Bonds Nos. 3646 to 3652, payable 1909	\$7,000 00
City Loan Bonds Nos. 3653 to 3659, payable 1910	7,000 00
City Loan Bonds Nos. 3660 to 3666, payable 1911	7,000 00
City Loan Bonds Nos. 3667 to 3673, payable 1912	7,000 00
City Loan Bonds Nos. 3674 to 3680, payable 1913	7,000 00
City Loan Bonds Nos. 3681 to 3687, payable 1914	7,000 00
City Loan Bonds Nos. 3688 to 3694, payable 1915	7,000 00
City Loan Bonds Nos. 3695 to 3701, payable 1916	7,000 00
City Loan Bonds Nos. 3702 to 3708, payable 1917	7,000 00
City Loan Bonds Nos. 3709 to 3715, payable 1918	7,000 00
City Loan Bond No. 3716, payable 1919	1,000 00
City Loan Bond No. 3717, payable 1920	1,000 00
City Loan Bond No. 3718, payable 1921	1,000 00
City Loan Bond No. 3719, payable 1922	1,000 00
City Loan Bond No. 3720, payable 1923	1,000 00
City Loan Bond No. 3721, payable 1924	1,000 00
City Loan Bond No. 3722, payable 1925	1,000 00
City Loan Bond No. 3723, payable 1926	1,000 00
City Loan Bond No. 3724, payable 1927	1,000 00
City Loan Bond No. 3725, payable 1928	1,000 00
Sewer Loan Bonds Nos. 439 to 468, payable 1909 to 1938	30,000 00
Total amount of bonds issued in 1908	\$110,000 00
\$12,000 of bonds were exchanged for registered bonds.	

The following bonds became due during the year:—

City Loan Bond No. Reg. 113, interest 3½ per cent.	\$9,000 00
City Loan Bond No. Reg. 14, interest 4 per cent.	2,000 00
City Loan Bonds Nos. 3510 to 3513, interest 4 per cent.	9,000 00
City Loan Bonds Nos. 1692 to 1694, 1696 to 1697, interest 4 per cent.	5,000 00
City Loan Bond No. Reg. 177, interest 4 per cent.	1,000 00
City Loan Bonds Nos. 1948 to 1962, interest 4 per cent.	15,000 00
City Loan Bonds Nos. 2156 to 2163, interest 4 per cent.	8,000 00
City Loan Bonds Nos. 2321 to 2325, interest 4 per cent.	5,000 00
City Loan Bonds Nos. 2457 to 2465, interest 4 per cent.	9,000 00
City Loan Bonds Nos. 2578 to 2584, interest 4 per cent.	7,000 00
City Loan Bonds Nos. 2706 to 2715, interest 3½ per cent.	10,000 00
City Loan Bonds Nos. 2826 to 2832, interest 3½ per cent.	7,000 00
City Loan Bonds Nos. 2943 to 2951, interest 3½ per cent.	9,000 00
City Loan Bonds Nos. 3056 to 3064, interest 4 per cent.	9,000 00
City Loan Bonds Nos. 3217 to 3224, interest 4 per cent.	8,000 00
City Loan Bond No. 3225, interest 4 per cent.	500 00
City Loan Bonds Nos. 3436 to 3443, interest 4 per cent.	8,000 00
City Loan Bonds Nos. 3153 to 3159, interest 4 per cent.	2,000 00
Sewer Loan Bond No. Reg. 131, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. Reg. 18, interest 4 per cent.	2,000 00
Sewer Loan Bond No. 67, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 184, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 208, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 230, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. 259, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. 283, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 307, interest 4 per cent.	1,000 00

Amount carried forward \$133,500 00

Amount brought forward	\$133,500 00
Sewer Loan Bond No. 360, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 50, interest 4½ per cent.	1,000 00
Sewer Loan Bonds Nos. 120 to 122, interest 4 per cent.	3,000 00
Paving Loan Bonds Nos. 76 to 80, interest 4 per cent.	5,000 00
Water Loan Bond No. 292, interest 4 per cent.	1,000 00
Water Loan Bond No. b459, interest 4 per cent.	1,000 00
Water Loan Bond No. Reg. 101, interest 4 per cent.	3,000 00
Water Loan Bonds Nos. 458 to 459, interest 4 per cent.	2,000 00
Metropolitan Park Assessment Loan Bond No. 6, interest 3½ per cent.	1,000 00
Total amount of bonds maturing in 1908	<u>\$151,500 00</u>

Leaving the net funded debt December 31, 1908, as per Table B, \$1,466,500, classified as follows:—

	Registered.	Coupon.
City Loan Bonds at 3½ per cent.	\$120,000 00	\$159,000 00
City Loan Bonds at 4 per cent.	73,000 00	706,500 00
Sewer Loan Bonds at 3½ per cent.	31,000 00	38,000 00
Sewer Loan Bonds at 4 per cent.	65,000 00	168,000 00
Sewer Loan Bonds at 4½ per cent.	1,000 00	2,000 00
Paving Loan Bonds at 4 per cent.		20,000 00
Water Loan Bonds at 4 per cent.	23,000 00	34,000 00
Metropolitan Park Assessment Loan Bonds at 3½ per cent.	4,000 00	17,000 00
	<u>\$322,000 00</u>	<u>\$1,144,500 00</u>

Registered Bonds	\$322,000 00
Coupon Bonds	1,144,500 00
	<u>\$1,466,500 00</u>
Total Funded Debt, City Loan	\$1,058,500 00
Total Funded Debt, Water Loan	62,000 00
Total Funded Debt, Paving Loan (outside legal limit)	20,000 00
Total Funded Debt, Sewer Loan	254,000 00
Total Funded Debt, Sewer Loan (outside legal limit)	51,000 00
Total Funded Debt, Metropolitan Park Assessment Loan (outside legal limit)	21,000 00
	<u>\$1,466,500 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 \$63,158,400, and the rate of taxation was \$18.40 on each \$1,000 of valuation, as follows:—

Real estate, valuation	\$56,292,500 00
Personal estate, valuation	6,865,900 00
Total valuation	<u>\$63,158,400 00</u>

At a rate of \$18.40 on \$1,000 valuation	\$1,162,114 56
Polls, 21,163 at \$2	42,326 00
Street watering	30,619 90
Suppression of gypsy and brown-tail moths	788 74
Non-resident bank shares to be paid to state	1,845 52
	<hr/>
Total amount of tax levy	\$1,237,694 72
Borrowed on Funded Debt account, to provide for the cost of public improvements	110,000 00
Water works income	223,199 57
National bank taxes, applied to Police	4,011 65
Corporation taxes, applied to Police	32,307 83
Court fees, fines, etc., applied to Police	3,628 00
County of Middlesex, dog licenses, applied to Public Library	4,214 39
Street Railway tax for the year 1908, applied to Highways Maintenance	40,400 47
Boston Elevated Railway tax for the year 1908, applied to Highways Maintenance	9,010 15
Commonwealth of Massachusetts, on account of Armory	6,109 30
	<hr/>
Total amount of resources	\$1,670,576 08

Appropriations from Funded Debt and from Income.

CREDIT BALANCES.

Electrical Department, Underground Construction	\$3,171 87
Fire Department, Additional Apparatus	59 55
Highways, Construction	2,099 80
Highways, Maintenance	5,613 98
Highways, Shade Trees	33 38
Public Buildings Construction, Building Public Buildings, Public Library, Isaac Pitman Fund, Income, Art	1,680 83
Public Library, Isaac Pitman Fund, Income, Poetry	35 62
Public Library, Isaac Pitman Fund, Income, Poetry	24 29
Sewers, Construction	10,832 03
Sidewalks, Construction	309 13
Soldiers' Monument	11,418 47
	<hr/>
	\$35,278 95

Cash.

Balance on hand January 1, 1908	\$92,109 26
Total cash receipts for the year 1908	2,451,512 65
	<hr/>
	\$2,543,621 91
Total cash disbursements for the year 1908	2,488,512 67
	<hr/>
	\$55,109 24
Balance in the treasury December 31, 1908	
Deposits in banks	\$53,174 85
Cash on hand	1,934 39
	<hr/>
	\$55,109 24

Assets and Liabilities.

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

Available assets:—

Commonwealth of Massachusetts	\$18,038 00	
Grade Crossings	32,879 52	
Highway Betterment Assessments uncollected	7,179 21	
Health Department, Contagious Disease Hospital, accounts for collection	1,956 43	
Metered Water Charges	24,974 46	
Real Estate Liens	2,293 76	
Sewer Assessments uncollected	4,218 56	
Sidewalk Assessments uncollected	7,987 16	
Taxes uncollected	300,005 23	
Cash in treasury	55,109 24	
	<hr/>	\$454,641 57

Unfunded liabilities:—

Coupons	\$16,725 00	
Reduction of Funded Debt	4,000 00	
Overplus on Tax Sales	118 13	
Sundry Persons	699 65	
Temporary Loans	375,000 00	
	<hr/>	\$396,542 78
		<hr/>
		\$58,098 79

Balance Sheet.

DEBIT.

Public Property	\$5,302,083 08	
Excess of available assets	58,098 79	
	<hr/>	\$5,360,181 87

CREDIT.

Excess of appropriations from tax levy	\$11,256 80	
Excess of appropriations from Funded Debt and from Income	35,278 95	
Excess of appropriations from tax levy, Overlay and Abatement	11,563 04	
Present Funded Debt	1,466,500 00	
	<hr/>	\$1,524,598 79
Property and Debt Balance or Municipal Capital	3,835,583 08	
	<hr/>	<u>\$5,360,181 87</u>

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,

JOSEPH S. PIKE,

Treasurer and Collector of Taxes.

APPENDIX TO TREASURER AND COLLECTOR'S REPORT.

TABLE A.—PUBLIC PROPERTY DECEMBER 31, 1908.

Central Hill land (389,920 feet)		\$270,000 00
City Hall	\$35,332 32	
Furniture and fixtures	10,000 00	
Storage vault	2,342 91	
	<hr/>	47,675 23
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	67,405 04	
Furniture	2,600 00	
Books	2,300 00	
	<hr/>	72,305 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	83,600 00	
Furniture	2,160 00	
Books	2,600 00	
	<hr/>	88,360 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	43,800 00	
Furniture	2,230 00	
Books	2,800 00	
	<hr/>	48,830 00
Amount carried forward		<hr/> \$723,735 29

Amount brought forward		\$723,735 29
English High Schoolhouse	134,000 00	
Furniture	3,900 00	
Philosophical and manual training ap- paratus	8,200 00	
Books	12,000 00	
	<hr/>	158,100 00
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. Dureli 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	110,994 76	
Furniture	2,700 00	
Philosophical apparatus	500 00	
Books	3,300 00	
	<hr/>	117,494 76
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	46,496 63	
Furniture	2,400 00	
Books	2,400 00	
	<hr/>	51,296 63
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
Amount carried forward		<hr/> <hr/> \$1,458,982 78

Amount brought forward		\$1,458,982 78
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
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	60,077 42	
Furniture	1,290 16	
Books	700 00	
	<hr/>	62,067 58
Sanford Hanscom Schoolhouse, land (12,756 feet) and building	69,249 48	
Furniture	1,080 00	
Books	500 00	
	<hr/>	70,829 48
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	95,350 12	
Health Department, shed	1,189 79	
Incinerator	2,704 01	
Equipments for highway repairs	21,690 00	
Watering carts and sheds	5,000 00	
	<hr/>	125,933 92
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
Amount carried forward		\$2,164,487 24

Amount brought forward		\$2,164,487 24
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	
Combination hose and chemical	2,250 00	
	<hr/>	68,668 18
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	10,265 45	
Combination hose and chemical	2,250 00	
	<hr/>	30,715 45
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	36,807 64	
Furniture	1,426 09	
	<hr/>	38,233 73
Contagious Disease Hospital	7,193 76	
Land (88,364 feet)	15,600 00	
	<hr/>	22,793 76
Bath House		2,368 21
Water Works		902,654 40
Sewers		1,220,879 16
Prospect street, land (7,918 feet) and building		6,800 00
	<hr/>	84,674,208 66
Amount carried forward		

Amount brought forward		\$4,674,208 66
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
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)		14,393 12
Gravel land rear North street (199,043 feet)		5,500 00
Clarendon Hill ledge		8,500 00
Oliver street, land (40,500 feet)		18,000 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		\$5,302,033 08

TABLE B.—FUNDED DEBT DECEMBER 31, 1908.
City Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When Due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
April 1, 1905	Reg. 114	3½	Apr. 1, 1909	.....	.....	\$9,000
April 1, 1907	3,519 to 3,529	4	Apr. 1, 1909	\$1,000	\$11,000	.....
April 1, 1908	3,646 to 3,652	4	Apr. 1, 1909	1,000	7,000	.....
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	Reg. 171	4	July 1, 1909	....	.....	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	Reg. 163	3½	July 1, 1909	.....	.....	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	.....
July 1, 1906	3,444 to 3,451	4	July 1, 1909	1,000	8,000	.....
Oct. 1, 1903	3,160 to 3,161	4	Oct. 1, 1909	1,000	2,000	.....
April 1, 1905	Reg. 115	3½	Apr. 1, 1910	.....	.....	9,000
April 1, 1907	3,530 to 3,540	4	Apr. 1, 1910	1,000	11,000	.....
April 1, 1908	3,653 to 3,659	4	Apr. 1, 1910	1,000	7,000	.....
July 1, 1894	1,704 to 1,709	4	July 1, 1910	1,000	6,000	.....
July 1, 1895	1,977 to 1,990	4	July 1, 1910	1,000	14,000	.....
July 1, 1896	2,172 to 2,176	4	July 1, 1910	1,000	5,000	.....
July 1, 1896	Reg. 172	4	July 1, 1910	.....	.....	3,000
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	.....
	Amounts	carried	forward . .	....	\$156,500	\$38,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought forward			\$156,500	\$38,000
July 2, 1900	Reg. 180	4	July 1, 1910	.....	.....	2,000
July 2, 1900	2,726 to 2,731 2,734 to 2,735	} 3½	July 1, 1910	\$1,000	8,000	.....
July 1, 1901	2,840 to 2,846		3½	July 1, 1910	1,000	7,000
July 1, 1902	Reg. 179	3½	July 1, 1910	.....	.....	8,000
July 1, 1902	Reg. 164	3½	July 1, 1910	.....	.....	1,000
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	.....
July 1, 1906	Reg. 7	4	July 1, 1910	.....	.....	8,000
Oct. 1, 1903	3,162 to 3,163	4	Oct. 1, 1910	1,000	2,000	.....
April 1, 1905	Reg. 116	3½	Apr. 1, 1911	.....	.....	9,000
April 1, 1907	Reg. 17	4	Apr. 1, 1911	.....	.....	6,000
April 1, 1907	3,547 to 3,551	4	Apr. 1, 1911	1,000	5,000	.....
April 1, 1908	3,660 to 3,666	4	Apr. 1, 1911	1,000	7,000	.....
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	2,974 to 2,975	3½	July 1, 1911	1,000	2,000	.....
July 1, 1902	Reg. 165	3½	July 1, 1911	.....	.....	7,000
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	.....
	Amounts	carried forward			\$272,500	\$79,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg Bonds.
	Amounts	brought	forward . .	.....	\$272,500	\$79,000
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	.....
July 1, 1906	3,460 to 3,464	4	July 1, 1911	1,000	5,000	.....
July 1, 1906	Reg. 13	4	July 1, 1911	.....	.....	3,000
Oct. 1, 1903	3,164 to 3,165	4	Oct. 1, 1911	1,000	2,000	.....
April 1, 1905	Reg. 117	3½	Apr. 1, 1912	.....	.....	9,000
April 1, 1907	Reg. 15	4	Apr. 1, 1912	.....	.....	2,000
April 1, 1907	3,554 to 3,562	4	Apr. 1, 1912	1,000	9,000	.....
April 1, 1908	3,667 to 3,673	4	Apr. 1, 1912	1,000	7,000	.....
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 2,980 2,983 to 2,987	3½	July 1, 1912	1,000	7,000	.....
July 1, 1902	Reg. 166	3½	July 1, 1912	.....	.....	2,000
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	.....
July 1, 1906	Reg. 8	4	July 1, 1912	.....	.....	7,000
Oct. 1, 1903	3,166 to 3,167	4	Oct. 1, 1912	1,000	2,000	.....
April 1, 1905	Reg. 118	3½	Apr. 1, 1913	.....	.....	9,000
April 1, 1907	Reg. 48	4	Apr. 1, 1913	.....	.....	1,000
	Amounts	carried	forward . .	.....	\$373,500	\$112,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	\$373,500	\$112,000
April 1, 1907	3,564 to 3,573	4	Apr. 1, 1913	\$1,000	10,000	.....
April 1, 1908	3,674 to 3,680	4	Apr. 1, 1913	1,000	7,000	.....
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	.....
July 1, 1904	3,270	4	July 1, 1913	500	500	.....
July 1, 1906	Reg. 9	4	July 1, 1913	.....	.....	7,000
Oct. 1, 1903	3,168 to 3,169	4	Oct. 1, 1913	1,000	2,000	.....
April 1, 1905	Reg. 119	3½	Apr. 1, 1914	.....	.....	8,000
April 1, 1907	3,574 to 3,584	4	Apr. 1, 1914	1,000	11,000	.....
April 1, 1908	3,681 to 3,687	4	Apr. 1, 1914	1,000	7,000	.....
July 1, 1894	1,728 to 1,732	4	July 1, 1914	1,000	5,000	.....
July 1, 1894	Reg. 178	4	July 1, 1914	.....	.....	1,000
July 1, 1895	2,032 to 2,044	4	July 1, 1914	1,000	13,000	.....
July 1, 1896	2,202 to 2,206	4	July 1, 1914	1,000	5,000	.....
July 1, 1896	Reg. 173	4	July 1, 1914	.....	.....	2,000
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	.....
	Amounts	carried	forward . .	. . . .	\$521,500	\$130,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought forward . .	. . . . .		\$521,500	\$130,000
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	.....
July 1, 1906	Reg. 10	4	July 1, 1914	.....	.....	7,000
Oct. 1, 1903	3,170 to 3,171	4	Oct. 1, 1914	1,000	2,000	.....
April 1, 1905	Reg. 120	3½	Apr. 1, 1915	.....	.....	8,000
April 1, 1907	3,585 to 3,595	4	Apr. 1, 1915	1,000	11,000	.....
April 1, 1908	3,688 to 3,694	4	Apr. 1, 1915	1,000	7,000	.....
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	Reg. 175	4	July 1, 1915	.....	.....	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	.....
July 1, 1906	Reg. 11	4	July 1, 1915	.....	.....	7,000
Oct. 1, 1903	3,172 to 3,173	4	Oct. 1, 1915	1,000	2,000	.....
April 1, 1905	Reg. 121	3½	Apr. 1, 1916	.....	.....	3,000
April 1, 1907	3,596 to 3,606	4	Apr. 1, 1916	1,000	11,000	.....
April 1, 1908	3,695 to 3,701	4	Apr. 1, 1916	1,000	7,000	.....
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	.....
	Amounts	carried forward . .	. . . . .		\$641,000	\$159,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$641,000	\$159,000
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	3,233 to 3,284	4	July 1, 1916	1,000	2,000	.....
July 1, 1904	3,285	4	July 1, 1916	500	500	.....
July 1, 1906	Reg. 12	4	July 1, 1916	.....	.....	7,000
Oct. 1, 1903	3,174 to 3,175	4	Oct. 1, 1916	1,000	2,000	.....
April 1, 1905	Reg. 122	3½	Apr. 1, 1917	.....	.....	3,000
April 1, 1907	3,607 to 3,617	4	Apr. 1, 1917	1,000	11,000	.....
April 1, 1908	3,702 to 3,708	4	Apr. 1, 1917	1,000	7,000	.....
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	.....
July 1, 1906	3,503	4	July 1, 1917	1,000	1,000	.....
Oct. 1, 1903	3,176 to 3,177	4	Oct. 1, 1917	1,000	2,000	.....
April 1, 1905	Reg. 123	3½	Apr. 1, 1918	.....	.....	3,000
April 1, 1907	3,618 to 3,620	4	Apr. 1, 1918	1,000	3,000	.....
April 1, 1908	3,709 to 3,715	4	Apr. 1, 1918	1,000	7,000	.....
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	.....
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	.....
	Amounts	carried	forward . .	.....	\$746,000	\$172,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	\$746,000	\$172,000
July 1, 1904	3,291	4	July 1, 1918	\$500	500	.....
July 1, 1906	3,504	4	July 1, 1918	1,000	1,000	.....
Oct. 1, 1903	3,178 to 3,179	4	Oct. 1, 1918	1,000	2,000	.....
April 1, 1905	Reg. 124	3½	Apr. 1, 1919	.....	.....	3,000
April 1, 1907	3,621 to 3,623	4	Apr. 1, 1919	1,000	3,000	.....
April 1, 1908	3,716	4	Apr. 1, 1919	1,000	1,000	.....
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	.....
July 1, 1906	3,505	4	July 1, 1919	1,000	1,000	.....
Oct. 1, 1903	3,180 to 3,181	4	Oct. 1, 1919	1,000	2,000	.....
April 1, 1905	Reg. 125	3½	Apr. 1, 1920	.....	.....	3,000
April 1, 1907	3,624 to 3,626	4	Apr. 1, 1920	1,000	3,000	.....
April 1, 1908	3,717	4	Apr. 1, 1920	1,000	1,000	.....
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	.....
July 1, 1906	3,506	4	July 1, 1920	1,000	1,000	.....
Oct. 1, 1903	3,182 to 3,183	4	Oct. 1, 1920	1,000	2,000	.....
April 1, 1905	Reg. 126	3½	Apr. 1, 1921	. . . .	.....	3,000
April 1, 1907	3,627 to 3,629	4	Apr. 1, 1921	1,000	3,000	.....
April 1, 1908	3,718	4	Apr. 1, 1921	1,000	1,000	.....
July 1, 1901	2,890 to 2,893	3½	July 1, 1921	1,000	4,000	.....
July 1, 1902	3,012 to 3,014	3½	July 1, 1921	1,000	3,000	.....
	Amounts	carried	forward . .	.....	\$811,500	\$181,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . . .	\$811,500	\$181,000
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	.....
July 1, 1906	3,507	4	July 1, 1921	1,000	1,000	.....
Oct. 1, 1903	3,184 to 3,185	4	Oct. 1, 1921	1,000	2,000	.....
April 1, 1905	Reg. 127	3½	Apr. 1, 1922	.....	.....	3,000
April 1, 1907	3,630 to 3,632	4	Apr. 1, 1922	1,000	3,000	.....
April 1, 1908	3,719	4	Apr. 1, 1922	1,000	1,000	.....
July 1, 1902	3,015 to 3,016	3½	July 1, 1922	1,000	2,000	.....
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	.....
Oct. 1, 1903	3,186 to 3,187	4	Oct. 1, 1922	1,000	2,000	.....
April 1, 1905	Reg. 128	3½	Apr. 1, 1923	.....	.....	3,000
April 1, 1907	3,633 to 3,635	4	Apr. 1, 1923	1,000	3,000	.....
April 1, 1908	3,720	4	Apr. 1, 1923	1,000	1,000	.....
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	.....
Oct. 1, 1903	3,188 to 3,189	4	Oct. 1, 1923	1,000	2,000	.....
April 1, 1905	Reg. 129	3½	Apr. 1, 1924	.....	.....	3,000
April 1, 1907	3,636 to 3,638	4	Apr. 1, 1924	1,000	3,000	.....
April 1, 1908	3,721	4	Apr. 1, 1924	1,000	1,000	.....
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	Reg. 130	3½	Apr. 1, 1925	.....	.....	3,000
April 1, 1907	3,639 to 3,641	4	Apr. 1, 1925	1,000	3,000	.....
April 1, 1908	3,722	4	Apr. 1, 1925	1,000	1,000	.....
	Amounts	carried	forward..	.....	\$858,500	\$193,000

CITY LOAN BONDS.—Concluded.

DATE.	Number of Bonds	Rate per. cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward	.....	\$858,500	\$193,000
April 1, 1907	3,642 to 3,643	4	Apr. 1, 1926	\$1,000	2,000	.....
April 1, 1908	3,723	4	Apr. 1, 1926	1,000	1,000	.....
April 1, 1907	3,644 to 3,645	4	Apr. 1, 1927	1,000	2,000	.....
April 1, 1908	3,724	4	Apr. 1, 1927	1,000	1,000	.....
April 1, 1908	3,725	4	Apr. 1, 1928	1,000	1,000	.....
					<u>\$865,500</u>	<u>\$193,000</u>
					Coupon Bonds . . .	\$865,500
					Registered Bonds . . .	193,000
						<u>\$1,058,500</u>

Sewer Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
April 1, 1905	Reg. 132	3½	Apr. 1, 1909	.....	.....	\$1,000
April 1, 1907	Reg. 19	4	Apr. 1, 1909	.....	.....	2,000
April 1, 1908	439	4	Apr. 1, 1909	\$1,000	\$1,000	.....
July 1, 1894	68	4	July 1, 1909	1,000	1,000	.....
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	Reg. 167	3½	July 1, 1909	.....	.....	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	.....
July 1, 1906	361	4	July 1, 1909	1,000	1,000	.....
Oct. 1, 1893	51	4½	Oct. 1, 1909	1,000	1,000	.....
April 1, 1905	Reg. 133	3½	Apr. 1, 1910	....	.....	1,000
April 1, 1907	Reg. 20	4	Apr. 1, 1910	.....	.....	2,000
April 1, 1908	440	4	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	Reg. 168	3½	July 1, 1910	.....	.....	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	.....
July 1, 1906	Reg. 1	4	July 1, 1910	.....	.....	1,000
Oct. 1, 1893	Reg. 159	4½	Oct. 1, 1910	.....	.....	1,000
April 1, 1905	Reg. 134	3½	Apr. 1, 1911	.....	.....	1,000
April 1, 1907	Reg. 21	4	Apr. 1, 1911	.....	.....	2,000
April 1, 1908	441	4	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	.....
	Amounts	carried forward . .	.....	.....	\$19,000	\$13,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$19,000	\$13,000
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	Reg. 169	3½	July 1, 1911	.....	.....	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	.....
July 1, 1906	363	4	July 1, 1911	1,000	1,000	.....
Oct. 1, 1893	53	4½	Oct. 1, 1911	1,000	1,000	.....
April 1, 1905	Reg. 135	3½	Apr. 1, 1912	.....	.....	1,000
April 1, 1907	Reg. 22	4	Apr. 1, 1912	.....	.....	2,000
April 1, 1908	442	4	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	.....
July 1, 1901	234	3½	July 1, 1912	1,000	1,000	.....
July 1, 1902	Reg. 170	3½	July 1, 1912	.....	.....	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	.....
July 1, 1906	Reg. 2	4	July 1, 1912	.....	.....	1,000
April 1, 1905	Reg. 136	3½	Apr. 1, 1913	.....	.....	1,000
April 1, 1907	Reg. 2 ³	4	Apr. 1, 1913	.....	.....	2,000
April 1, 1908	443	4	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	.....
	Amounts	carried	forward . .	.....	\$40,000	\$22,000

SEWER LOAN BONDS.—Continued.

DATE	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward		\$40,000	\$22,000
July 1, 1906	Reg. 3	4	July 1, 1913	.....	.....	1,000
April 1, 1905	Reg. 137	3½	Apr. 1, 1914	.....	.....	1,000
April 1, 1907	Reg. 24	4	Apr. 1, 1914	.....	.....	2,000
April 1, 1908	444	4	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	.....
July 1, 1906	Reg. 4	4	July 1, 1914	.....	.....	1,000
April 1, 1905	Reg. 138	3½	Apr. 1, 1915	.....	.....	1,000
April 1, 1907	Reg. 25	4	Apr. 1, 1915	.....	.....	2,000
April 1, 1908	445	4	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	Reg. 174	4	July 1, 1915	.....	.....	1,000
July 1, 1904	314	4	July 1, 1915	1,000	1,000	.....
July 1, 1906	Reg. 5	4	July 1, 1915	.....	.....	1,000
April 1, 1905	Reg. 139	3½	Apr. 1, 1916	.....	.....	1,000
April 1, 1907	Reg. 26	4	Apr. 1, 1916	.....	.....	2,000
April 1, 1908	446	4	Apr. 1, 1916	1,000	1,000	.....
July 1, 1897	192	4	July 1, 1916	1,000	1,000	.....
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	.....
	Amounts	carried	forward		\$59,000	\$35,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	\$59,000	\$35,000
July 1, 1903	291	4	July 1, 1916	\$1,000	1,000	.....
July 1, 1904	315	4	July 1, 1916	1,000	1,000	.....
July 1, 1906	Reg. 6	4	July 1, 1916	.....	.....	1,000
April 1, 1905	Reg. 140	3½	Apr. 1, 1917	.....	.....	1,000
April 1, 1907	Reg. 27	4	Apr. 1, 1917	.....	.....	2,000
April 1, 1908	447	4	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	.....
July 1, 1906	369	4	July 1, 1917	1,000	1,000	.....
April 1, 1905	Reg. 141	3½	Apr. 1, 1918	.....	.....	1,000
April 1, 1907	Reg. 28	4	Apr. 1, 1918	.....	.....	2,000
April 1, 1908	448	4	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	.....
July 1, 1906	370	4	July 1, 1918	1,000	1,000	.....
April 1, 1905	Reg. 142	3½	Apr. 1, 1919	.....	.....	1,000
April 1, 1907	Reg. 29	4	Apr. 1, 1919	.....	.....	2,000
April 1, 1908	449	4	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	.....
	Amounts	carried	forward . .	. . .	\$81,000	\$45,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward .	. . .	\$81,000	\$45,000
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	.....
July 1, 1906	371	4	July 1, 1919	1,000	1,000	.....
April 1, 1905	Reg. 143	3½	Apr. 1, 1920	.....	.....	1,000
April 1, 1907	Reg. 30	4	Apr. 1, 1920	.....	.....	2,000
April 1, 1908	450	4	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	.....
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	.....
July 1, 1906	372	4	July 1, 1920	1,000	1,000	.....
April 1, 1905	Reg. 144	3½	Apr. 1, 1921	.....	.....	1,000
April 1, 1907	Reg. 31	4	Apr. 1, 1921	.....	.....	2,000
April 1, 1908	451	4	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	.....
July 1, 1906	373	4	July 1, 1921	1,000	1,000	.....
April 1, 1905	Reg. 145	3½	Apr. 1, 1922	.....	.....	1,000
April 1, 1907	Reg. 32	4	Apr. 1, 1922	.....	.....	2,000
April 1, 1908	452	4	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	.....
	Amounts	carried	forward .	. . .	\$104,000	\$54,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	• Amounts	brought	forward		\$104,000	\$54,000
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	.....
July 1, 1906	374	4	July 1, 1922	1,000	1,000	.....
April 1, 1905	Reg. 146	3½	Apr. 1, 1923	.....	.....	1,000
April 1, 1907	Reg. 33	4	Apr. 1, 1923	.....	.....	2,000
April 1, 1908	453	4	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	.....
July 1, 1906	375	4	July 1, 1923	1,000	1,000	.....
April 1, 1905	Reg. 147	3½	Apr. 1, 1924	.....	.....	1,000
April 1, 1907	Reg. 34	4	Apr. 1, 1924	.....	.....	2,000
April 1, 1908	454	4	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	.....
July 1, 1906	376	4	July 1, 1924	1,000	1,000	.....
April 1, 1905	Reg. 143	3½	Apr. 1, 1925	.....	.....	1,000
April 1, 1907	Reg. 35	4	Apr. 1, 1925	.....	.....	2,000
April 1, 1908	455	4	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	.....
	Amounts	carried	forward		\$127,000	\$63,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought forward			\$127,000	\$63,000
July 1, 1906	377	4	July 1, 1925	\$1,000	1,000	.....
April 1, 1905	Reg. 149	3½	Apr. 1, 1926	.....	.....	1,000
April 1, 1907	Reg. 36	4	Apr. 1, 1926	.....	.....	2,000
April 1, 1908	456	4	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	.....
July 1, 1906	378	4	July 1, 1926	1,000	1,000	.....
April 1, 1905	Reg. 150	3½	Apr. 1, 1927	.....	.....	1,000
April 1, 1907	Reg. 37	4	Apr. 1, 1927	.....	.....	2,000
April 1, 1908	457	4	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	Reg. 151	3½	Apr. 1, 1928	.....	.....	1,000
April 1, 1907	Reg. 38	4	Apr. 1, 1928	.....	.....	2,000
April 1, 1908	458	4	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	Reg. 152	3½	Apr. 1, 1929	.....	.....	1,000
April 1, 1907	Reg. 39	4	Apr. 1, 1929	.....	.....	2,000
April 1, 1908	459	4	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	Reg. 153	3½	Apr. 1, 1930	.....	.....	1,000
April 1, 1907	Reg. 40	4	Apr. 1, 1930	.....	.....	2,000
	Amounts	carried forward			\$146,000	\$78,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	\$146,000	\$78,000
April 1, 1908	460	4	Apr. 1, 1930	\$1,000	1,000	.....
July 1, 1901	252	3½	July 1, 1930	1,000	1,000	.....
April 1, 1905	Reg. 154	3½	Apr. 1, 1931	.....	.....	1,000
April 1, 1907	Reg. 41	4	Apr. 1, 1931	.....	.....	2,000
April 1, 1908	461	4	Apr. 1, 1931	1,000	1,000	.....
July 1, 1901	253	3½	July 1, 1931	1,000	1,000	.....
April 1, 1905	Reg. 155	3½	Apr. 1, 1932	.....	.....	1,000
April 1, 1907	Reg. 42	4	Apr. 1, 1932	.....	.....	2,000
April 1, 1908	462	4	Apr. 1, 1932	1,000	1,000	.....
April 1, 1905	Reg. 156	3½	Apr. 1, 1933	.....	.....	1,000
April 1, 1907	Reg. 43	4	Apr. 1, 1933	.....	.....	2,000
April 1, 1908	463	4	Apr. 1, 1933	1,000	1,000	.....
April 1, 1905	Reg. 157	3½	Apr. 1, 1934	.....	.....	1,000
April 1, 1907	Reg. 44	4	Apr. 1, 1934	.....	.....	2,000
April 1, 1908	464	4	Apr. 1, 1934	1,000	1,000	.....
April 1, 1905	Reg. 158	3½	Apr. 1, 1935	.....	.....	1,000
April 1, 1907	Reg. 45	4	Apr. 1, 1935	.....	.....	2,000
April 1, 1908	465	4	Apr. 1, 1935	1,000	1,000	.....
April 1, 1907	Reg. 46	4	Apr. 1, 1936	.....	.....	2,000
April 1, 1908	466	4	Apr. 1, 1936	1,000	1,000	.....
April 1, 1907	Reg. 47	4	Apr. 1, 1937	.....	.....	2,000
April 1, 1908	467	4	Apr. 1, 1937	1,000	1,000	.....
April 1, 1908	468	4	Apr. 1, 1938	1,000	1,000	.....
					\$157,000	\$97,000

Coupon Bonds \$157,000
Registered Bonds 97,000

Total amount of Sewer Loan Bonds under debt limit, \$254,000

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.	Denomination.	Amount.
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 . .	\$51,000

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	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 . .		\$20,000

Water Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
July 1, 1888	293	4	July 1, 1909	\$1,000	\$1,000	.....
Oct. 1, 1889	Reg. 102	4	Oct. 1, 1909	.....	.....	\$3,000
Oct. 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	.....
Oct. 1, 1889	Reg. 103	4	Oct. 1, 1910	.....	.....	3,000
Oct. 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	.....
Oct. 1, 1889	Reg. 104	4	Oct. 1, 1911	.....	.....	3,000
Oct. 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	.....
Oct. 1, 1889	Reg. 105	4	Oct. 1, 1912	.....	.....	3,000
Oct. 1, 1890	430 to 431	4	Oct. 1, 1912	1,000	2,000	.....
July 1, 1888	297	4	July 1, 1913	1,000	1,000	.....
Oct. 1, 1889	Reg. 106	4	Oct. 1, 1913	.....	.....	3,000
Oct. 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	.....
Oct. 1, 1889	Reg. 107	4	Oct. 1, 1914	.....	.....	3,000
Oct. 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	.....
Oct. 1, 1889	Reg. 108	4	Oct. 1, 1915	.....	.....	2,000
Oct. 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	.....
Oct. 1, 1889	Reg. 109	4	Oct. 1, 1916	.....	.....	2,000
Oct. 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	.....
Oct. 1, 1889	Reg. 110	4	Oct. 1, 1917	.....	.....	2,000
Oct. 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	.....
	Amounts carried forward . .			.....	\$28,000	\$24,000

WATER LOAN BONDS.—Concluded.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	\$28,000	\$24,000
Oct. 1, 1889	Reg. 111	4	Oct. 1, 1918	.....	.....	2,000
Oct. 1, 1890	442 to 443	4	Oct. 1, 1918	\$1,000	2,000	.....
Oct. 1, 1889	Reg. 112	4	Oct. 1, 1919	.....	.....	2,000
Oct. 1, 1890	444 to 445	4	Oct. 1, 1919	1,000	2,000	.....
Oct. 1, 1890	446 to 447	4	Oct. 1, 1920	1,000	2,000	.....
					\$34,000	\$28,000
			Coupon Bonds . .		\$34,000	
			Registered Bonds .		\$28,000	
			Total amount Water Loan Bonds		\$62,000	

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 Coupon Bonds.	Amount Reg. Bonds.
July 1, 1902	Reg. 160	3½	July 1, 1909	.....	.....	\$1,000
July 1, 1902	Reg. 181	3½	July 1, 1910	.....	.....	1,000
July 1, 1902	Reg. 161	3½	July 1, 1911	.....	.....	1,000
July 1, 1902	Reg. 162	3½	July 1, 1912	.....	.....	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	.....
					\$17,000	\$4,000

Coupon Bonds \$17,000
Registered Bonds 4,000

Total amount Met. Park Assessment Loan Bonds, \$21,000

Recapitulation.

City Loan Bonds	\$1,058,500 00	
Sewer Loan Bonds	254,000 00	
	<hr/>	
Total amount of Funded Debt within the limit provided by law		\$1,312,500 00
Sewer Loan Bonds, issued under Chapter 357, Acts of 1895	\$51,000 00	
City Loan Paving Bonds, issued under Chapter 153, Acts of 1892	20,000 00	
Metropolitan Park Assessment Loan Bonds, issued under Chapter 325, Acts of 1902,	21,000 00	
	<hr/>	
Total amount of Funded Debt outside of the limit allowed by law, issued under special Acts		92,000 00
Water Loan Bonds		62,000 00
		<hr/>
Total amount of Funded Debt		\$1,466,500 00

TABLE C.—STATEMENT OF ACCOUNTS, SHOWING APPROPRIATIONS, EXPENDITURES, ETC., TO DECEMBER 31, 1908.**Appropriations.**

CREDIT.

Taxes, amount assessed for municipal purposes	\$933,405 00
Property and Debt Balance, amount provided by issue of bonds	110,000 00
	<hr/>
	\$1,043,405 00

DEBIT.

Appropriations from tax levy:—	
Assessors	\$11,000 00
City Auditor	725 00
City Clerk	5,800 00
City Engineer	11,500 00
City Messenger	2,000 00
City Solicitor	2,450 00
City Treasurer	9,500 00
Clerk of Committees and Departments	4,700 00
Election Expenses:—	
City Clerk	1,650 00
Commissioner of Public Buildings	900 00
Pay of Election Officers	2,600 00
Registrars of Voters	1,780 00
Electrical Department	8,500 00
Executive Department	4,000 00
Fire Department	38,000 00
Health Department	8,000 00
Health Department:—	
Collection of Ashes and Offal	43,000 00
Contagious Disease Hospital	1,000 00
Medical Inspection in Public Schools	1,500 00
Inspection of Buildings	5,200 00
Interest	70,000 00
Military Aid	900 00
Police	48,000 00
Printing and Stationery	1,000 00
Public Buildings Maintenance:—	
City Buildings	10,000 00
Fire Department	5,000 00
Janitors' Salaries	29,000 00
Schoolhouses	32,000 00
Public Grounds	10,700 00
Public Library	16,000 00
Public Library, West Somerville Branch	1,000 00
Reduction of Funded Debt	130,000 00
School Contingent	28,000 00
School Teachers' Salaries	280,000 00
Sealer of Weights and Measures	1,500 00
Sidewalks, Maintenance	2,000 00
Soldiers' Relief	22,000 00
Somerville Hospital	5,000 00
Street Lights	57,000 00
Support of Poor, City Home	3,000 00
Support of Poor, Miscellaneous	13,500 00
Suppression of Gypsy and Brown-tail Moths	4,000 00
	<hr/>
	\$933,405 00
Amount carried forward	<hr/>
	\$933,405 00

Amount brought forward		\$933,405 00
Appropriations on Funded Debt account:—		
Electrical Department, Underground Construction	\$3,000 00	
Fire Department, Additional Apparatus	3,500 00	
Highways, Construction	28,000 00	
Highways, Paved Gutters and Crossings	12,000 00	
Highways, Shade Trees	500 00	
Public Buildings Construction, Building Public Buildings	20,000 00	
Sewers, Construction	30,000 00	
Sidewalks, Construction	13,000 00	
	<hr/>	110,000 00
		<hr/> <hr/>
		\$1,043,405 00

Assessors.

CREDIT.

Appropriations, from Taxes, 1908	\$11,000 00
Excess and Deficiency account, balance transferred	240 03
	<hr/>
	\$10,759 97

DEBIT.

(Expenditures.)

Cash, paid George W. Perkins, salary as chairman of the board of assessors	\$2,000 00
Benjamin F. Thompson, assessor	49 45
Nathan H. Reed, assessor	800 00
George E. Elliott, assessor	800 00
Winsor L. Snow, assessor	800 00
William A. Flaherty, assessor	750 55
Fred B. Clapp, assistant assessor	250 00
John J. Sheeran, assistant assessor	250 00
John F. Stackpole, assistant assessor	250 00
James Wilson, assistant assessor	250 00
James A. Butler, assistant assessor	250 00
Harvey E. Frost, assistant assessor	250 00
Jennie L. Jones, first assistant clerk	433 29
carfares	17 30
Mabel E. Hall, second assistant clerk	600 00
carfares	3 50
Abbie D. Southworth, third assistant clerk	550 02
carfares	6 30
Theodore H. Locke, clerical services	42 00
Raymond A. Farr, clerical services	46 00
William M. Elliott, clerical services	50 00
William L. Taylor, clerical services	50 00
Eva V. Tukey, clerical services	241 68
Florence Ham, clerical services	272 68
Mildred A. Merrill, clerical services	162 68
Florence A. Kenneson, clerical services	84 00
Dora P. Bearse, clerical services	124 01
Kathryne L. Nolan, clerical services	88 00
Mabel F. Kenneson, clerical services	62 00
Bertha M. Boyd, clerical services	77 34
	<hr/>
Amount carried forward	\$9,610 80

Amount brought forward	\$9,610 80	
American Express Co., expressing	30	
Carter's Ink Co., ink	1 13	
L. E. Clayton, elastic	1 00	
E. J. Cambridge, postage	36 00	
Columbia-Webcowit Press, printing and stationery	616 35	
Thomas Groom & Co., stationery	22 00	
W. A. Greenough & Co., directory	4 00	
E. F. Hicks, lunch	10 00	
McGrath & Woodley, books	217 50	
Wesley A. Maynard, advertising	29 50	
New England Telephone & Telegraph Co., service	45 40	
Pneumatic Hand Stamp Co., stamps	1 79	
H. J. Ramsay, postage	8 00	
Sprague & Hathaway Co., frame	7 86	
Somerville Journal Co., printing	130 50	
A. B. Tyler, postage	6 00	
Williams & Neiley, printed forms	2 50	
Samuel Ward Co., stationery	9 34	
		<u>\$10,759 97</u>

Cash.

RECEIPTS.

Balance from 1907		\$92,109 26
City Clerk	\$2,977 56	
City Engineer	441 00	
City Solicitor	117 42	
City Treasurer	5,109 56	
Contingent Fund	136 00	
County of Middlesex	4,814 39	
Electrical Department	419 21	
Fire Department	1,606 93	
Funded Debt	110,000 00	
Health Department	256 90	
Health Department, Collection of Ashes and Offal	8,263 05	
Health Department, Contagious Disease Hospital	6,292 74	
Highway Betterment Assessments	8,212 27	
Highways, Construction	2,350 43	
Highways, Maintenance	25,140 41	
Highways, Paved Gutters and Crossings	884 92	
Highways, Shade Trees	1 00	
Highways, Watering Streets	115 00	
Inspection of Buildings	55 60	
Interest	11,016 69	
Metered Water Charges	24,164 76	
Overlay and Abatement	10 60	
Police	4,221 46	
Public Buildings Maintenance:—		
City Buildings	299 30	
Schoolhouses	160 65	
Public Grounds	758 77	
Public Grounds, Construction	5 56	
Amounts carried forward	<u>\$217,832 18</u>	<u>\$92,109 26</u>

Amounts brought forward	\$217,832 18	\$92,109 26
Public Library	1,020 48	
Public Library Construction, West Somerville Branch	14,867 50	
Public Library, Isaac Pitman Fund, Income, Art	90 14	
Public Library, Isaac Pitman Fund, Income, Poetry	22 54	
Public Library, Frances A. Wilder Children's Department Fund	100 00	
Redemption of Tax Liens	1,813 77	
Reduction of Funded Debt	3,775 10	
School Contingent	294 77	
School Teachers' Salaries	95 06	
Sealer of Weights and Measures	460 86	
Sewer Assessments	543 04	
Sewers, Construction	1,381 24	
Sewers, Maintenance	879 56	
Sidewalk Assessments	16,534 58	
Sidewalks, Construction	295 38	
Sidewalks, Maintenance	162 45	
Soldiers' Relief	52 00	
State Aid	54 00	
State of Massachusetts	14,626 63	
Sundry Persons	168 94	
Support of Poor, City Home	4,671 79	
Support of Poor, Miscellaneous	2,627 64	
Suppression of Gypsy and Brown-tail Moths	26 65	
Taxes	1,250,651 32	
Temporary Loans	700,000 00	
Water Maintenance	16,540 46	
Water Service Assessments	3,122 77	
Water Works Extension	324 60	
Water Works Income	198,477 15	
	<hr/>	\$2,451,512 65
		<hr/>
		\$2,543,621 91

PAYMENTS.

Assessors	\$10,759 97
City Auditor	714 89
City Clerk	8,572 30
City Engineer	11,940 88
City Messenger	1,934 23
City Solicitor	2,504 04
City Treasurer	14,264 42
Clerk of Committees and Departments	4,700 00
Contingent Fund	2,356 50
County of Middlesex	60,830 68
Coupons	48,525 00
Election Expenses:—	
City Clerk	1,257 90
Commissioner of Public Buildings	1,259 78
Pay of Election Officers	2,573 00
Registrars of Voters	1,653 12
Electrical Department	10,322 84
Electrical Department, Underground Construction	1,120 30
	<hr/>
Amount carried forward	\$185,289 85

Amount brought forward	\$185,289 85
Executive Department	3,960 48
Fire Department	79,477 90
Fire Department, Additional Apparatus	4,525 00
Grade Crossings	33,709 72
Health Department	10,939 81
Health Department, Collection of Ashes and Offal	58,012 02
Health Department, Contagious Disease Hospital	7,106 69
Health Department, Medical Inspection in Public Schools	1,411 75
Highways, Construction	31,753 90
Highways, Maintenance	66,937 05
Highways, Paved Gutters and Crossings	15,560 52
Highways, Shade Trees	480 81
Highways, Watering Streets	28,733 72
Inspection of Buildings	5,186 94
Interest	30,323 77
Military Aid	1,131 00
Overlay and Abatement	45 84
Police	87,250 48
Printing and Stationery	2,235 06
Public Buildings Construction:—	
Addition to Benjamin G. Brown School	10,011 30
Addition to Hanscom School	8,259 95
Bath House	2,368 21
Heating Plant, Charles G. Pope School,	209 95
Health Department, Stable	11,350 12
Incinerator	81 99
Vault, City Hall	775 10
Public Buildings Maintenance:—	
City Buildings	11,952 24
Fire Department	5,107 22
Janitors' Salaries	29,755 44
Schoolhouses	36,921 00
Public Grounds	11,508 76
Public Grounds, Construction	1,505 56
Public Library	21,233 41
Public Library, West Somerville Branch	998 35
Public Library Construction, West Somer- ville Branch	14,867 50
Public Library, Isaac Pitman Fund, Income, Art	144 03
Public Library, Isaac Pitman Fund, Income, Poetry	63 17
Public Library, Frances A. Wilder Chil- dren's Department Fund, Investment,	100 00
Redemption of Tax Liens	1,793 77
Reduction of Funded Debt	161,500 00
School Contingent	31,587 65
School Teachers' Salaries	289,277 51
Sealer of Weights and Measures	1,951 33
Sewers, Construction	20,065 21
Sewers, Maintenance	12,878 51
Sidewalks, Construction	36,022 39
Sidewalks, Maintenance	3,154 77
Soldiers' Burials	518 00
Soldiers' Monument	8,531 53
Amount carried forward	<u>\$1,388,571 28</u>

Amount brought forward	\$1,388,571 28	
Soldiers' Relief	22,663 77	
Somerville Hospital	5,000 00	
State Aid	16,946 00	
State of Massachusetts	203,972 73	
Street Lights	50,000 00	
Support of Poor, City Home	6,875 56	
Support of Poor, Miscellaneous	17,955 34	
Suppression of Elm Leaf Beetle	998 45	
Suppression of Gypsy and Brown-tail Moths	5,071 80	
Temporary Loans	705,000 00	
Water Loan Interest	1,240 00	
Water Maintenance	47,077 51	
Water Works, Abatements on Water Charges	242 04	
Water Works Extension	16,898 19	
	<hr/>	
	\$2,488,512 67	
Balance to debit of account, 1909	55,109 24	
	<hr/>	
		\$2,543,621 91

City Auditor.

CREDIT.

Appropriations, from Taxes, 1908	\$725 00
Excess and Deficiency account, balance transferred	10 11
	<hr/>
	\$714 89

DEBIT.

(Expenditures.)

Cash, paid Charles S. Robertson, salary as auditor	\$233 33
Clarence T. Bruce, salary as auditor	466 67
Thomas Groom & Co., record book, etc.,	11 60
Pneumatic Hand Stamp Co., stamps	3 29
	<hr/>
	\$714 89

City Clerk.

CREDIT.

Appropriations, from Taxes, 1908	\$5,800 00
Excess and Deficiency account, balance transferred	205 26
	<hr/>
	\$5,594 74

Receipts:—

Election Expenses, City Clerk account, work on ballot boxes		15 00
Cash, received of Frederic W. Cook, city clerk:—		
Recording mortgages	\$515 25	
Dog licenses	366 80	
Marriage certificates	690 50	
Amusements	447 00	
Transporting liquors	20 00	
Junk licenses	315 00	
	<hr/>	
Amounts carried forward	\$2,354 55	\$5,609 74

Amounts brought forward	\$2,354 55	\$5,609 74
Badges	1 88	
Express licenses	141 00	
Street musicians	11 00	
Copies of records	102 00	
Fireworks	52 00	
Liquor licenses	37 00	
Billiards and pool	100 00	
Intelligence offices	16 00	
Auctioneers' licenses	48 00	
Slaughtering	5 00	
Carriage licenses	24 00	
Drivers' licenses	19 00	
Wagon stands	3 00	
Private detectives	10 00	
Sale of old ballots	30	
Interest on deposits	11 02	
Filing certificate	50	
	<hr/>	\$2,936 25
		<hr/>
		\$8,545 99

DEBIT.

(Expenditures.)

Cash, paid Frederic W. Cook, salary as city clerk	\$2,700 00
Howard E. Wemyss, assistant city clerk,	1,400 00
Clara B. Snow, first assistant	800 00
Edith A. Woodman, second assistant	600 00
Alice M. Vincent, third assistant	588 53
Florence H. Plimpton, fourth assistant	550 00
Allen, Doane & Co., badges	2 03
American Express Co., expressing	5 71
American Surety Co., surety bonds	32 00
American Engraving Co., electros	1 09
American Multigraph Sales Co., type	12 00
George W. Butters, year book	2 00
T. H. Ball, forms	1 92
John F. Biggs & Co., printing	4 00
The Carter's Ink Co., ink	13 88
J. A. Cummings Printing Co., printing	17 50
S. H. Chamberlin, rubber mat	1 50
Charles E. Davis, birth canvassing	41 00
Duren & Kendall, typewriter repairing	7 57
Clara Z. Elliot, canvassing	17 50
Glines & Co., expressing	30
Thomas Groom & Co., books	12 00
Wyman C. Fickett, birth canvassing	26 80
Gilman Express Co., expressing	1 45
Annie E. Gilcrease, birth canvassing	67 10
W. A. Greenough, directory	4 00
Thomas Hearn & Co., paper and ruling	16 00
Hobbs & Warren Co., blanks	1 62
International Time Recording Co., time stamp	75 00
Little, Brown & Co., Cushing's manual	80
A. C. Libby & Sons, stationery	6 45
Library Bureau, case and cards	76 40
McGrath & Woodley, binding and printing	68 75
	<hr/>
Amount carried forward	\$7,154 90

Amount brought forward	\$7,154 90	
Wesley A. Maynard, printing	7 00	
Monarch Typewriter Co., machine, etc.	84 75	
New England Telephone & Tele- graph Co., service and tolls . \$167 96		
(Cash)	26 31	
	<hr/>	141 65
The Press Clipping Bureau, pencils	50	
Clinton I. Prouty, birth canvassing	26 50	
Pneumatic Hand Stamp Co., stamps	25	
Harry J. Ramsay, sealing wax	40	
Remington Typewriter Co., typewriter	55 00	
Sampson & Murdock Co., directory	6 00	
Somerville Journal Co., printing	67 50	
Somerville Post-office, postage	227 76	
Sundry Persons, reporting births	403 75	
Sundry Persons, reporting deaths	205 75	
Richard H. Tincker, birth canvassing	59 50	
Thorpe's Express, expressing	30	
Samuel Ward Co., stationery	78 23	
F. S. Webster Co., typewriter ribbon	1 00	
Yawman & Erbe Mfg. Co., cards	10 25	
Charles Gale, repairing ballot boxes	12 00	
George Robinson, repairing ballot boxes,	3 00	
	<hr/>	\$8,545 99
		<hr/>

City Engineer.

CREDIT.

Appropriation, from Taxes, 1903	\$11,500 00
Excess and Deficiency account, balance transferred	12
	<hr/>
	\$11,499 88

Receipts:—

Sewers, Construction account, labor	395 00
Cash, received of W. L. Glidden, et al., plan,	\$8 00
James F. Blute, et al., plan	5 00
Abutters on Lowell street, plan	5 00
Abutters on Bromfield road, plan	8 00
Abutters on Grant street, plan	5 00
Abutters on Marion street, plan	5 00
Abutters on Kidder avenue, plan	5 00
Abutters on Francis street, plan	5 00
	<hr/>
	46 00
	<hr/>
	\$11,940 88

DEBIT.

(Expenditures.)

Cash, paid Ernest W. Bailey, salary as city engineer	\$3,000 00
Engineer's assistants	7,936 09
Engineer's assistants, carfares	244 55
American Express Co., expressing	1 15
L. E. Clayton, cloth	5 75
Davenport-Brown Co., stakes	7 56
Eugene Dietzen Co., ink	25
Eyelet Tool Co., pins and rivets	3 57
	<hr/>
Amount carried forward	\$11,198 92

Amount brought forward	\$11,193 92	
Frost & Adams Co., crayons	9 44	
Thomas Groom & Co., books and stationery	85 25	
Glines & Co., expressing	15	
Gilman Express Co., expressing	45	
William B. Holmes, hammer	60	
King Mfg. Co., pens, etc.	2 45	
Lédder & Probst, repairing transit and level	30 05	
Library Bureau, cards	2 80	
Municipal Journal, subscription	3 00	
Charles E. Moss, blue print paper	3 24	
New England Telephone & Telegraph Co., service and tolls	114 92	
W. P. Rice, stakes	15 20	
Sprague & Hathaway Co., mounting	2 30	
Somerville Post-office, postage	10 00	
James Tevlin, board of horse and shoeing	249 90	
Underhill Hardware Co., tools	1 15	
Charles L. Underhill, sharpening	60	
Wadsworth, Howland & Co., supplies	41 15	
Samuel Ward Co., baskets	1 36	
Whitney & Snow, hardware	32 95	
A. M. Wood Co., repairing wagon	35 00	
	<hr/>	
	\$11,840 88	
Sewers, Maintenance account, setting stone bounds	100 00	
	<hr/>	
		<u>\$11,940 88</u>

City Messenger.

CREDIT.

Appropriations, from Taxes, 1908	\$2,000 00
Excess and Deficiency account, balance transferred	65 77
	<hr/>
	\$1,934 23

DEBIT.

(Expenditures.)

Cash, paid Jairus Mann, salary as city messenger	\$1,500 00
disbursements	4 80
H. A. Brownell, repairs	5 65
Charles E. Berry, repairing harnesses	1 75
Jameson Brothers, board of horse	307 43
Howard Lowell & Son, carriage hire	29 00
Martin & Wood, keys	65
A. E. Mann, services	5 00
New England Telephone & Telegraph Co., service	22 70
Pearl-street Shoeing Forge, shoeing	24 70
R. C. Small & Co., carriage repairs	29 60
Charles L. Underhill, repairs	2 95
	<hr/>
	<u>\$1,934 23</u>

City Solicitor.

CREDIT.

Appropriations, from Taxes, 1908	\$2,450 00
Excess and Deficiency account, balance transferred	63 38

\$2,386 62

Receipts:—

Cash, received of Frederick J. Stark, deed	\$20 00
George L. Johnson, cost of suit	97 42

117 42

\$2,504 04

DEBIT.

(Expenditures.)

Cash, paid Frank W. Kaan, salary as city solicitor	\$2,100 00
disbursements	252 49
Thomas Damery, salary as claim agent	100 00
William L. Haskell, stenographer	26 55
McGrath & Woodley, stationery	25 00

\$2,504 04

City Treasurer.

CREDIT.

Appropriations, from Taxes, 1908	\$9,500 00
Excess and Deficiency account, balance transferred	382 94

\$9,117 06

Receipts:—

Commonwealth of Massachusetts, fees for collecting National Bank tax	17 80
Redemption of Tax Liens, fees for releasing tax liens	20 00
Cash, received of sundry persons, certificates	\$113 00
Sundry persons, costs on taxes and assessments	4,964 81

5,077 81

\$14,232 67

DEBIT.

(Expenditures.)

Cash, paid Joseph S. Pike, salary as city treasurer	\$3,000 00
Charles L. Ellis, deputy collector of taxes	1,450 00
disbursements	24 60
Beulah M. Peirce, first assistant	1,000 00
Louise B. McLaughlin, second assistant	700 00
Florence M. Grow, third assistant	600 00
Marion C. Kendall, fourth assistant	600 00
Winnifred P. Briggs, fifth assistant	480 81
Susan L. Briggs, clerical assistant	274 68
Lilla A. Johnson, clerical assistant	282 63
Roberta B. McDonald, clerical assistant	118 67

Amount carried forward \$8,531 44

Amount brought forward	\$8,531 44
Ednah A. Whitney, clerical assistant	64 01
Dorothy S. Hopkins, clerical assistant	48 01
Malcolm E. Sturtevant, fees for collecting delinquent taxes	372 68
Charles E. Davis, fees for collecting delinquent taxes, etc.	261 38
F. W. Hopkins, fees for collecting delinquent taxes	112 50
Theodore H. Locke, fees for collecting delinquent taxes	86 00
Somerville National Bank, clearing house charges	1 35
National Security Bank, clearing house charges	73
Faneuil Hall National Bank, clearing house charges	47
City Trust Company, clearing house charges	10
American Surety Company of New York, surety bonds	184 00
S. H. Abbott, paper	1 40
American Express Co., expressing	35
D. J. Bennett, repairing leather case	50
Boston News Bureau, subscription	12 00
George W. Butters, year book	2 00
A. W. Babbitt, check register	11 00
Charles E. Berry, repairing machine	75
The Carter's Ink Co., ribbon coupon book, etc.	11 07
Columbia-Webcowit Press, envelopes	24 35
City Trust Company, preparation of bonds	175 00
Edwin O. Childs, Register, recording documents	16 90
Fisher & Fowler, attention to adding machine	2 60
Felt & Tarrant Mfg. Co., coupon cutter	45 00
E. H. Foote, fasteners	1 25
Thomas Groom & Co., stationery	448 85
Glines & Co., expressing	2 15
W. A. Greenough & Co., directories	8 00
W. H. Gleason, blocking	6 70
Gilman Express Co., expressing	15
J. C. Hall Co., checks	40 60
Iver Johnson Co., revolver	17 25
Howard Lowell & Son, carriage hire	12 00
Wesley A. Maynard, printing	207 05
Henry M. Meek Publishing Co., directory	3 50
McGrath & Woodley, stationery	26 00
New England Telephone & Telegraph Co., service and tolls	\$116 21
(Cash)	31 75
	<hr/>
	84 46
National Association Comptrollers and Accounting Officers, membership	10 00
Outlook Envelope Co., envelopes	49 05
Edwin L. Pride, auditing	350 00
Amount carried forward	<hr/>
	\$11,232 60

Amount brought forward	\$11,232 60	
George A. Richards, settlement of claim,	10 63	
Somerville Post-office, postage	1,066 65	
Somerville Journal Co., printing and advertising	1,623 09	
Smith-Premier Typewriter Co., machine and cabinet, etc.	111 41	
Sampson, Murdock Co., directory	6 00	
Walter H. Snow, catering	10 00	
A. B. Tyler, postage	130 00	
Turner & Co., printing	19 24	
Thorpe's Express, expressing	50	
Webcowit Press, printing	7 50	
Yale & Towne Mfg. Co., cleaning and insuring time lock	15 00	
	<hr/>	<u>\$14,232 67</u>

Clerk of Committees and Departments.

CREDIT.

Appropriations, from Taxes, 1908		\$4,700 00
--	--	------------

DEBIT.

(Expenditures.)

Cash, paid William P. Mitchell, salary as clerk of committees and departments	\$2,100 00	
Lawrence S. Howard, assistant	1,100 00	
Lucia A. Manning, assistant	600 00	
Bessie L. L. Crosby, assistant	600 00	
W. A. Greenough & Co., directory	4 00	
Thomas Groom & Co., stationery	56 02	
Glines & Co., expressing	15	
New England Telephone & Telegraph Co., service	87 63	
Somerville Post-office, postage	114 77	
Smith-Premier Typewriter Co., repairs	3 40	
Sprague & Hathaway Co., framing map	7 53	
Somerville Journal Co., printing	20 50	
Sampson, Murdock Co., directory	6 00	
	<hr/>	<u>\$4,700 00</u>

Commonwealth of Massachusetts.

CREDIT.

State Tax		\$96,470 00
National Bank Tax	\$1,845 52	
	71 65	
	<hr/>	1,773 87
Metropolitan Sewer Tax:—		
Sinking Fund Requirements	\$7,366 90	
Interest	25,830 93	
Maintenance	26,404 42	
	<hr/>	59,602 25
Metropolitan Park Tax:—		
Sinking Fund Requirements	\$4,224 14	
Interest	11,864 37	
Maintenance	14,765 29	
	<hr/>	30,853 80
Amount carried forward		<u>\$188,699 92</u>

Amount brought forward		\$188,699 92
Armory Tax:—		
Interest		562 50
Middlesex Avenue or Wellington Bridge Tax:—		
Assessment	\$4,632 94	
Interest	675 48	
Maintenance	857 12	
		<u>6,165 54</u>
Metropolitan Water Assessment, 1908:—		
Sinking Fund Requirements	\$24,865 73	
Interest	68,604 23	
Maintenance	15,221 12	
		<u>108,691 08</u>
Unpaid Soldiers' Burials, 1907, to debit of 1908 account		37 00
Cash	\$1,011 86	
	5,879 45	
	6,109 30	
	1,015 03	
	588 04	
	23 00	
		<u>14,626 68</u>
		<u>\$318,782 72</u>

DEBIT.

Balance from 1907	\$20,281 13	
Corporation Taxes, 1907	2,485 32	
Corporation Taxes, 1908	29,822 51	
National Bank Tax, 1907	37 00	
National Bank Tax, 1908	3,974 65	
Support of Poor, Miscellaneous	\$1,155 56	
	23 00	
		<u>1,178 56</u>
School Contingent, tuition	190 50	
Street Railway Tax	40,400 47	
Boston Elevated Railway Tax	9,010 15	
Contagious Disease Hospital	999 98	
Health Department	302 62	
Reduction of Funded Debt, on account of		
Armory	6,109 30	
Fees for collecting National Bank Tax	17 80	
Cash	203,972 73	
		<u>\$318,782 72</u>
State Aid, 1908	\$16,892 00	
Soldiers' Burials, 1907	37 00	
Soldiers' Burials, 1908	518 00	
Military Aid, 1908	591 00	
		<u>\$18,038 00</u>
Balance to debit of account, December 31, 1908		<u>18,038 00</u>

Contingent Fund.

CREDIT.

Excess and Deficiency, balance of 1907 account, appropriated	\$2,215 33
Excess and Deficiency account, balance transferred	5 12
	<u>\$2,220 50</u>
Amount carried forward	\$2,220 50

Amount brought forward		\$2,220 50
Receipts:—		
Cash, received of sundry persons, licenses to peddle	\$50 00	
Sundry persons, druggists' licenses	37 00	
Middlesex Mutual Fire Insurance Co., dividend	9 00	
Arthur E. Bearse, disclaimer	20 00	
Thomas W. Sutherland, disclaimer	20 00	
		<u>136 00</u>
		<u>\$2,356 50</u>

DEBIT.

(Expenditures.)

Cash, paid American Express Co., expressing	\$5 45	
John Bousfield, ringing bell	2 00	
L. H. Brown, carriage hire	42 00	
Boston Envelope Co., mailing cases	10 80	
Company K, Eighth Regiment, M. V. M., rifle practice	200 00	
Company M, Eighth Regiment, M. V. M., rifle practice	200 00	
Commonwealth of Massachusetts, twenty-five per cent. of liquor licenses,	9 00	
John Donnelly & Sons, posting	18 00	
Frank E. Draper Camp, No. 41, S. A. War Veterans, observance of Memorial Day	50 00	
Edwards, The Druggist, brush and comb,	50	
Odin Fritz, portrait of mayor	75 00	
Thomas Groom & Co., stationery	2 00	
Howard Gray, ringing bell	2 00	
J. W. Howard, decorations	31 40	
Hill & Holt, use of car	15 00	
Ida M. Hooper, addressing	4 00	
Jameson Brothers, carriage hire	18 00	
H. A. Kendall, ringing bell	4 00	
Locke-Ober Co., dinners	47 00	
Howard Lowell & Son, carriage hire	45 00	
B. L. Makepeace, blue prints	1 65	
Neostyle Co., supplies	10 20	
William J. Nagel, book	4 00	
Somerville Post-office, postage	55 75	
Somerville Y. M. C. A., use of hall	25 00	
Somerville Journal Co., printing	171 56	
Walter H. Snow, catering	24 00	
Asbury Strahan, ringing bell	2 00	
Somerville Fourth of July Association, band concerts and fireworks	500 00	
W. L. Taylor, ringing bell	4 00	
W. C. Towne, ringing bell	2 00	
Union Square Hotel, dinners	3 75	
Samuel Ward Co., invitations, etc.	96 24	
Winter Hill Post-office, postage	18 00	
Whitney & Snow, figures	10 20	
George H. Walker & Co., maps	145 00	
Willard C. Kinsley Post, No. 139, G. A. R., observance of Memorial Day	500 00	
George B. Wiswall, ringing bell	2 00	
		<u>\$2,356 50</u>

County of Middlesex.

CREDIT.		
Appropriations, from Taxes, 1908		\$60,830 63
Receipts:—		
Cash, received of J. O. Hayden, county treasurer, rent of court room	\$600 00	
return on amount received of the city for dog licenses, 1907	4,214 39	
	<u>4,814 39</u>	<u>4,814 39</u>
		<u>\$65,645 07</u>
Amounts transferred and unused:—		
Public Buildings Maintenance, City Buildings account, amount transferred	\$600 00	
Public Library account, amount transferred,	4,214 39	
	<u>4,814 39</u>	<u>4,814 39</u>
		<u>\$60,830 63</u>
DEBIT.		
(Expenditures.)		
Cash, paid County Tax		<u>\$60,830 63</u>

Coupons.

CREDIT.		
Balance of coupons unpaid January 1, 1908		\$19,927 50
Coupons maturing April 1, 1908:—		
Water Loan, \$26,000, six months at 4 per cent.	\$520 00	
Sewer Loan, \$3,000, six months at 4½ per cent.	67 50	
Paving Loan, \$25,000, six months at 4 per cent.	500 00	
City Loan, \$159,000, six months at 4 per cent.	3,180 00	
	<u>4,267 50</u>	4,267 50
Coupons maturing July 1, 1908:—		
City Loan, \$185,000, six months at 3½ per cent.	\$3,237 50	
City Loan, \$553,000, six months at 4 per cent.	11,060 00	
Sewer Loan, \$40,000, six months at 3½ per cent.	700 00	
Sewer Loan, \$147,000, six months at 4 per cent.	2,940 00	
Metropolitan Park Assessment Loan, \$18,000, six months, at 3½ per cent.	315 00	
Water Loan, \$12,000, six months at 4 per cent.	240 00	
	<u>18,492 50</u>	18,492 50
Coupons maturing October 1, 1908:—		
City Loan, \$230,000, six months at 4 per cent.	\$4,600 00	
Sewer Loan, \$30,000, six months at 4 per cent.	600 00	
Sewer Loan, \$3,000, six months at 4½ per cent.	67 50	
	<u>\$5,267 50</u>	<u>\$42,687 50</u>
Amounts carried forward		

Amounts brought forward	\$5,267 50	\$42,687 50
Paving Loan, \$25,000, six months at 4 per cent.	500 00	
Water Loan, \$26,000, six months at 4 per cent.	520 00	
	<hr/>	6,287 50
Coupons maturing January 1, 1909:—		
City Loan, \$159,000, six months at 3½ per cent.	\$2,782 50	
City Loan, \$478,500, six months at 4 per cent.	9,570 00	
Sewer Loan, \$38,000, six months at 3½ per cent.	665 00	
Sewer Loan, \$138,000, six months at 4 per cent.	2,760 00	
Metropolitan Park Assessment Loan, \$17,000, six months at 3½ per cent.	297 50	
Water Loan, \$10,000, six months at 4 per cent.	200 00	
	<hr/>	16,275 00
		<hr/>
		\$65,250 00
DEBIT.		
Cash, paid coupons	\$48,525 00	
Coupons of 1908 unpaid	16,725 00	
	<hr/>	\$65,250 00
		<hr/>

Election Expenses, City Clerk.

CREDIT.		
Appropriations, from Taxes, 1908		\$1,650 00
Excess and Deficiency account, balance transferred		392 10
		<hr/>
		\$1,257 90
DEBIT.		
(Expenditures.)		
Cash, paid L. H. Brown, carriage hire	\$157 00	
Bicknell & Fuller Paper Box Co., boxes, Boston Post-office, Somerville Station, postals	17 50	
The Carter's Ink Co., ink	6 00	
Frederic W. Cook, disbursements	3 43	
L. E. Clayton, tape	1 20	
John Donnelly & Sons, posting	12 00	
Hill & Holt, use of car	10 00	
J. H. Kelley, repairing boxes	32 00	
Howard Lowell & Son, carriage hire	11 00	
Wesley A. Maynard, printing and advertising	152 28	
A. C. Libby & Sons, supplies	11 00	
Howard Lowell & Son, use of coupe	6 00	
Somerville Journal Co., printing	739 96	
Somerville Sun, advertising	18 75	
S. M. Spencer Mfg. Co., supplies	9 50	
Thorpe's Express, expressing	35	
Tyer Rubber Co., supplies	14 65	
Underhill Hardware Co., locks	1 20	
Whitney & Snow, supplies	6 23	
	<hr/>	
Amount carried forward	\$1,214 05	

Amount brought forward	\$1,214 05
Samuel Ward Co., gumming lists	19 20
A. J. Wilkinson & Co., brass	75
G. A. Walker Machine Co., springs	8 90

\$1,242 90

City Clerk account, ballot box repairing 15 00

\$1,257 90

Election Expenses, Commissioner of Public Buildings.

CREDIT.

Appropriations, from Taxes, 1908	\$900 00
Excess and Deficiency account, balance transferred	359 78

\$1,259 78

DEBIT.

(Expenditures.)

Cash, paid L. G. Columbus & Co., lamp chimneys	\$ 75
Davenport-Brown Co., lumber	6 81
Philip Eberle, rent of hall	112 50
W. F. Fleming, rent of hall	7 00
Eugene Giroir, painting, etc.	101 00
Jim Hodder, rent of hall	40 00
James Kenney, carpentering	1 64
Warren E. Locke, rent of hall	36 00
T. E. Littlefield, lumber	2 11
G. F. McKenna & Son, teaming	148 00
J. Edward L. McLean, carpentering	410 18
Charles F. Mills, carpentering	73 70
Arthur G. Pearson, rent of hall	100 00
E. S. Sparrow & Co., hardware	1 01
Harris P. Tibbetts, carpentering	180 95
A. J. Wilkinson & Co., hardware	3 20
Whitney & Snow, hardware	2 03
William J. Wiley, paint	32 90

\$1,259 78

Election Expenses, Pay of Election Officers.

CREDIT.

Appropriations, from Taxes, 1908	\$2,600 00
Excess and Deficiency account, balance transferred	27 00

\$2,573 00

DEBIT.

(Expenditures.)

Cash, paid election officers	\$2,573 00
--	------------

Election Expenses, Registrars of Voters.

CREDIT.

Appropriations, from Taxes, 1908	\$1,780 00
Excess and Deficiency account, balance transferred	126 88

\$1,653 12

DEBIT.

(Expenditures.)

Cash, paid Charles P. Lincoln, salary as registrar	\$200 00	
Charles E. Parks, salary as registrar	200 00	
Edwin D. Sibley, salary as registrar	200 00	
Frederic W. Cook, salary as registrar	200 00	
George E. Davis, clerical services	39 00	
Lawrence S. Howard, clerical services	3 00	
Frank E. Merrill, clerical services	39 00	
Fred E. Warren, clerical services	45 00	
Howard E. Wemyss, clerical services	54 00	
J. A. Cummings Printing Co., printing	24 50	
John Donnelly & Sons, posting	36 00	
Gridley Coffee House Co., lunch	11 43	
Howard Lowell & Son, carriage hire	16 00	
G. F. McKenna & Son, carriage hire	16 00	
Wesley A. Maynard, advertising	32 00	
McGrath & Woodley, binding	6 50	
Somerville Post-office, postage	21 44	
Somerville Journal Co., advertising	468 25	
Samuel Ward Co., stationery	41 00	
	<hr/>	\$1,653 12

Electrical Department.

CREDIT.

Appropriations, from Taxes, 1908	\$3,500 00
Interest account, amount transferred	400 00
Excess and Deficiency account, balance transferred	1,003 63
	<hr/>
	\$9,903 63

Receipts:—

Cash, received of Edison Electric Illuminating Co., grounding wires	\$250 00	
New England Oil Co., fire alarm box	150 91	
Hill & Holt, fire alarm box	18 30	
	<hr/>	419 21
		<hr/>
		\$10,322 84

DEBIT.

(Expenditures.)

Cash, paid Melvin F. Underwood, salary as commissioner of electric lines and lights	\$1,300 00
disbursements	28 30
Laborers	5,378 18
American Express Co., expressing	8 15
American Steel & Wire Co., wire	211 16
F. C. Ayer, lumber	13 30
D. J. Bennett, repairing	49 15
Charles E. Berry, drills	6 05
W. H. Bullard, soap, etc.	1 45
John F. Biggs & Co., booklets	57 00
Cameron Appliance Co., castings, etc.	31 00
Chandler & Farquhar, tools, etc.	32 04
Clifton Mfg. Co., tape	25 55
	<hr/>
Amount carried forward	\$7,141 33

Amount brought forward	\$7,141 33	
S. H. Couch Co., electrical supplies	11 64	
Chase-Shawmut Co., bases, etc.	11 76	
Commercial Brewing Co., steam for whistle	30 00	
Copithorne Brothers, supplies	2 35	
Davenport-Brown Co., red birch	81	
Electric Goods Mfg. Co., supplies	91 12	
Electrocraft Publishing Co., subscrip- tion	1 00	
Fred W. Farrar, repairing	1 50	
Fresh Pond Ice Co., ice	4 74	
Fellows & Co., lumber	5 00	
Gamewell Fire Alarm Telegraph Co., supplies	1,464 77	
Thomas W. Gleeson, repairing	3 00	
Globe Gas Light Co., supplies	45	
Gilman Express Co., expressing	1 95	
Hanson's Express, expressing	4 56	
Jim Hodder & Brothers, blankets, etc.	13 02	
Hill & Holt, use of auto	21 20	
Mathias Hart Co., gloves	6 00	
O. L. Hill, Agent, use of auto	11 25	
Jameson Brothers, use of horse	22 98	
J. A. Kiley, repairing	126 50	
Howard Lowell & Son, use of horse	14 79	
D. McDonald, sundries	11 30	
Charles F. Mills, glasses	26 00	
New England Telephone & Telegraph Co., service poles, etc.	79 71	
New York Insulated Wire Co., wire	224 92	
New American House, dinners	12 00	
Charles E. Perry & Co., register paper	53 57	
W. E. Plumer & Co., supplies	10 82	
J. B. Rufer, clipping	53 85	
A. G. Renner, expressing	8 74	
Rufer & Creamer, board of horse	10 00	
Somerville Journal Co., printing	11 00	
Somerville Post-office, postage	5 00	
R. M. Sturtevant & Co., use of horse	9 00	
Thorpe's Express, expressing	4 50	
Underhill Hardware Co., hardware	105 97	
Samuel Ward Co., diaries, etc.	5 85	
Asahel Wheeler Co., paint, etc.	32 95	
Western Electric Inst. Co., repairing	106 47	
Waterbury Battery Co., renewals	140 60	
	<hr/>	
	\$9,903 97	
Fire Department account, board of horses	300 00	
Police Department account, hay and oats	118 87	
	<hr/>	
		\$10,322 84
		<hr/>

Electrical Department, Underground Construction.

CREDIT.

Balance from 1907	\$1,292 17
Appropriations, from Funded Debt, 1908	3,000 00
	<hr/>
	\$4,292 17
Balance to credit of account, 1909	3,171 87
	<hr/>
	\$1,120 30

DEBIT.

(Expenditures.)

Cash, paid laborers	\$853 00	
American Steel & Wire Co., wire	11 66	
Charles E. Berry, labor on boxes	8 44	
Electric Goods Mfg. Co., supplies	28 52	
Gamewell Fire Alarm Telegraph Co., supplies	146 35	
Mitchell Mfg. Co., letters and figures	95	
Wesley A. Maynard, advertising	4 00	
New York Insulated Wire Co., wire	63 78	
Thorpe's Express Co., expressing	3 60	
		<u>\$1,120 30</u>

Excess and Deficiency.

CREDIT.

Balance from 1907		\$3,715 38
-----------------------------	--	------------

DEBIT.

Printing and Stationery account, amount transferred	\$1,500 00	
Contingent Fund account, amount trans- ferred	2,215 38	
		<u>\$3,715 38</u>

CREDIT.

Balances of 1908 accounts:—

Assessors	\$240 03
City Auditor	10 11
City Clerk	205 26
City Engineer	12
City Messenger	65 77
City Solicitor	63 38
City Treasurer	382 94
Election Expenses:—	
City Clerk	392 10
Pay of Election Officers	27 00
Registrars of Voters	126 88
Executive Department	39 52
Health Department:—	
Contagious Disease Hospital	4,077 46
Medical Inspection in Public Schools	88 25
Highways, Watering Streets	1,996 18
Inspection of Buildings	68 66
Interest	2,067 97
Military Aid	360 00
Police	1,290 46
Printing and Stationery	264 94
Public Library	1 46
Public Library, West Somerville Branch	1 65
Reduction of Funded Debt	6,185 02
Sealer of Weights and Measures	9 53
Sewers, Maintenance	1 05
Amount carried forward	<u>\$17,965 74</u>

Amount brought forward	\$17,965 74
Sidewalks, Maintenance	1,007 68
Support of Poor, City Home	796 23
Suppression of Elm Leaf Beetle	1 55
	<hr/>
	\$19,771 20
Balance to credit of account, 1909	11,256 80
	<hr/>
	\$8,514 40

DEBIT.

Balances of 1908 accounts:—	
Contingent Fund	\$5 12
Election Expenses:—	
Commissioner of Public Buildings	359 78
Electrical Department	1,003 63
Fire Department	170 97
Health Department	2,380 29
Collection of Ashes and Offal	748 97
Public Buildings Maintenance:—	
City Buildings	1,052 94
Fire Department	107 22
Janitors' Salaries	755 44
Schoolhouses	260 35
Public Grounds	49 99
School Contingent	102 38
Soldiers' Relief	611 77
Support of Poor, Miscellaneous'	649 14
Suppression of Gypsy and Brown-tail Moths	256 41
	<hr/>
	\$8,514 40

Executive Department.

CREDIT.

Appropriations, from Taxes, 1908	\$4,000 00
Excess and Deficiency account, balance transferred	39 52
	<hr/>
	\$3,960 48

DEBIT.

(Expenditures.)

Cash, paid Charles A. Grimmons, salary as mayor	\$2,500 00
Fred E. Warren, secretary to the mayor, American Express Co., expressing	1,300 00
W. A. Greenough & Co., directory	25
New England Telephone & Telegraph Co., service	4 00
Somerville Journal Co., printing	66 29
Somerville Post-office, envelopes	9 00
Sprague & Hathaway Co., framing	44 40
Underwood Typewriter Co., ribbon	4 53
Samuel Ward Co., stationery	2 00
	30 01
	<hr/>
	\$3,960 48

Fire Department.

CREDIT.

Appropriations, from Taxes, 1908		\$38,000 00
Water Works Income account, amount appropriated		38,000 00
Overlay and Abatement account, amount transferred		1,700 00
Excess and Deficiency account, balance transferred		170 97
		<hr/>
		\$77,870 97
Stock and labor billed other departments:—		
Electrical Department account, board of horses		300 00
Receipts:—		
Cash, received of City Treasurer, fines	\$1,277 00	
Harry Fine & Co., hose	21 83	
Gerald B. Doyle, ringing false alarm	5 00	
	<hr/>	
		1,303 83
		<hr/>
		\$79,474 80

DEBIT.

(Expenditures.)

Cash, paid James R. Hopkins, salary as chief engineer	\$2,000 00
disbursements	22 20
Edward W. Ring, assistant engineer	1,455 00
Permanent firemen and substitutes	\$43,643 74
(Cash)	3 10
	<hr/>
	43,640 64
Callmen:—	
Steamer Co. No. 1	1,455 98
Steamer Co. No. 2	1,664 74
Steamer Co. No. 4	1,247 73
Steamer Co. No. 6	1,058 26
Hose Co. No. 2	1,400 00
Hose Co. No. 3	1,417 91
Hose Co. No. 5	1,276 31
Hose Co. No. 7	741 10
Hook and Ladder Co. No. 1	1,943 64
Hook and Ladder Co. No. 2	2,240 13
J. H. Edwards, horseshoeing	237 25
George W. Ladd, horseshoeing	95 50
George McDormand, horseshoeing	113 10
Edward O'Brien, horseshoeing	88 65
Pearl Street Shoeing Forge, horseshoeing	147 30
John B. Rufer, horseshoeing	395 10
J. H. Thompson, horseshoeing	44 00
Harry Tobin, horseshoeing	59 60
I. B. Walker, horseshoeing	168 95
Margaret E. Calvert, washing	190 25
Mrs. I. C. Jackson, washing	135 92
Mrs. W. Loveland, washing	49 25
A. M. Spike, washing	31 13
Mrs. E. F. Trefren, washing	41 25
American Express Co., expressing	7 63
American La France Fire Engine Co., repairing	157 01
George A. Ayer, brooms	28 50
	<hr/>
Amount carried forward	\$63,554 03

Amount brought forward	\$63,554 03
Ame & Co., food	17 50
American Radiator Co., valves	2 93
F. W. Barry, Beale & Co., stationery	13 45
D. J. Bennett, repairing	137 55
John Binney & Son, rope	2 48
Boston Coupling Co., repairing	1,026 63
H. A. Brownell, repairing	20 00
Charles E. Berry, repairing	625 45
Boston Suburban Express & Parcel Co., expressing	1 45
Braman, Dow & Co., steamfitting	11 10
A. & E. Burton Co., brushes	22 00
Henry K. Barnes, lanterns, etc.	30 25
James M. Berry, horse medicine	5 00
Boston Nickel Plating Co., plating	14 35
Edward H. Barter, repairing clock	1 50
W. H. Bullard, supplies	11 55
Edward A. Binney, insurance	20 40
S. W. Bennett, clock	14 25
W. H. Broderick, services	2 00
Barbour, Stockwell Co., brake shoes	3 36
C. Callahan & Co., supplies	64 75
G. W. Cutter, insignia	48 20
Combination Ladder Co., hose	75 00
Commonwealth Oil Co., soap	26 74
Crosby Steam Gage & Valve Co., re- pairing	5 35
Joseph A. Cribby, services	50 00
Combination Ladder Co. & Rhode Island Coupling Co., hose	260 00
Cornelius Callahan Co., hose	303 50
Jackson Caldwell & Co., use of horses	10 00
C. C. C. Fire Hose Co., hose	480 00
Cotter's Express, expressing	65
Cambridge Ice Co., ice	33 40
John L. Crafts, supplies for apparatus	66 50
Julian D'Este & Co., supplies	2 25
Dennison Mfg. Co., tags and twine	2 83
H. I. Dallman & Co., brushes	24 00
J. A. Dow, dentistry	25 00
Eastern Drug Co., drugs	39 74
J. Wesley Edmonds & Son, polish	33 66
Eureka Fire Hose Mfg. Co., hose	260 00
Samuel Eastman & Co., spanners	225 00
Edson Mfg. Co., bell	13 00
F. E. Fitts Mfg. & Supply Co., supplies	46 47
Fellows & Co., lumber	6 00
Fire & Water Engineering Co., sub- scription	3 00
G. M. Fogg Remedy Co., horse medi- cine	6 00
Firestone Tire & Rubber Co., tire	92 75
Fresh Pond Ice Co., ice	29 30
Gilman Express Co., expressing	10 85
Glines & Co., expressing	16 44
George E. Grover, medicine	3 00
W. A. Greenough & Co., directories	16 00
Gamewell Fire Alarm Telegraph Co., gong	50 00
Amount carried forward	<u>\$67,866 61</u>

Amount brought forward	\$67,866 61
Charles T. Garland, use of horses	18 00
Hale & Mayhew Co., repairing	62 30
J. M. Hardy, casting	1 50
Henry S. Harris & Son, sharpening, etc.,	330 25
Henry S. Harris' Sons, horses	1,321 48
S. D. Hicks & Son, repairing	15 17
Jim Hodder & Brothers, spreads	73 10
R. Hull, oil	106 53
Hill & Hill, curry combs, etc.	26 00
W. G. Hallock, dusters	22 00
Harral Soap Co., powder	13 45
Hill & Holt, grinding and use of auto	16 75
Thomas Hollis Co., drugs	8 00
W. S. Howe, repairing	5 50
J. W. Howard, repairing badge	1 00
Henderson Brothers, wagon and tires	165 00
Industrial Department, mops	18 00
Johnson & Merhoff Co., badges	8 00
J. A. Kiley, repairing	532 25
F. W. Kimball, lumber	23 98
Knox & Morse Co., disinfectant	30 75
Lord & Webster, hay and straw	1,392 53
J. G. Lesure, medicine	29 33
Little, Brown & Co., law books	2 00
Locomobile Co., siren horn	18 75
Martin & Wood, repairing	3 55
D. McDonald, repairing	36 65
C. W. H. Moulton & Co., shavings	308 02
Marine Torch Co., torches	13 00
Mitchell Mfg. Co., badges	14 25
Mathieson Alkali Works, soda	70 56
Frank P. Merrill Co., nutrotone	19 50
New England Telephone & Telegraph Co., service and tolls	196 93
George W. Norton, soap	36 58
National Chemical Co., ink	1 00
A. O. Norton, jack	16 50
Fulton O'Brion, oats, etc.	1,104 35
James W. O'Neil, repairing	18 60
H. H. Osgood & Co., squilgees	15 00
W. E. Plumer & Co., hardware	3 70
Proctor Brothers, oats	2,492 34
Perham's Express, expressing	95
Perkins Chemical Co., No Dust	8 00
A. M. Prescott, use of horses	6 00
Hobart S. Palmer, use of horses	15 00
Henry D. Padelford, medicine	2 30
The Pyrene Co., extinguishers	72 00
John B. Rufer, repairing	525 75
A. G. Renner, expressing	30
H. B. Ruggles, grinder	12 50
Robb-Mumford Boiler Co., repairing	44 15
J. F. Reichhard Co., soap powder	14 85
Charles R. Simpson, services	110 50
E. S. Sparrow & Co., hardware	23 86
Standard Extinguisher Co., extin- guishers	111 35
Somerville Journal Co., printing	4 00
Scoville Mfg. Co., buttons	13 50
Amount carried forward	<u>\$77,423 77</u>

Amount brought forward	\$77,423 77	
Somerville Post-office, stamps	10 00	
Sartwell, Heinhold & Co., soap	12 00	
Stilphen's Express, expressing	30	
Shea Lubricator Co., lubricator	6 00	
Smith-Premier Typewriter Co., repair- ing	95	
Thorpe's Express, expressing	1 35	
Nathan Tufts & Sons, grain	608 65	
Underhill Hardware	70 05	
Charles L. Underhill, iron work	7 00	
Union Glass Co., glass tube	1 00	
Union Vault & Safe Co., safe	35 00	
Harry Van Iderstine, insurance	4 38	
Wellington-Wild Coal Co., fuel	125 89	
William J. Wiley, rope	9 10	
L. A. Wright, repairing	26 85	
Whitney & Snow, hardware	24 44	
Welch & Hall Co., horses	798 45	
Asahel Wheeler Co., oil, etc.	129 75	
A. J. Wilkinson & Co., tools	2 52	
Welch, Dwyer & Grady, repairing	8 50	
West Disinfecting Co., liquid soap	73 85	
Charles A. G. Winther, landing mats	68 00	
Oliver Whyte Co., baskets	27 00	
		<u>\$79,474 80</u>

Fire Department, Additional Apparatus.

CREDIT.

Balance from 1907	\$34 55
Appropriations, from Funded Debt, 1908	3,500 00
Public Buildings Construction, Bath House account, amount transferred	1,000 00
	<u>\$4,534 55</u>
Balance to credit of account, 1909	59 55
	<u>\$4,525 00</u>

DEBIT.

(Expenditures.)

Cash, paid American La France Fire Engine Co., gong	\$25 00
Combination Ladder Co. & Rhode Island Coupling Co., two combination chemical engine and hose wagons	4,500 00
	<u>\$4,525 00</u>

Funded Debt.

CREDIT.

Funded Debt, January 1, 1908	\$1,503,000 00
Issue of 1908:—	
City Loan Bonds Nos. 3646 to 3725	\$80,000 00
Sewer Loan Bonds Nos. 439 to 463	30,000 00
	<u>110,000 00</u>
	<u>\$1,613,000 00</u>

DEBIT.

*Bonds matured in 1908:—

City Loan Bond No. Reg. 113	\$9,000 00
City Loan Bond No. Reg. 14	2,000 00
City Loan Bonds Nos. 3510 to 3518	9,000 00
City Loan Bonds Nos. 1692 to 1694, 1696 to 1697	5,000 00
City Loan Bond No. Reg. 177	1,000 00
City Loan Bonds Nos. 1948 to 1962	15,000 00
City Loan Bonds Nos. 2156 to 2163	8,000 00
City Loan Bonds Nos. 2321 to 2325	5,000 00
City Loan Bonds Nos. 2457 to 2465	9,000 00
City Loan Bonds Nos. 2578 to 2584	7,000 00
City Loan Bonds Nos. 2706 to 2715	10,000 00
City Loan Bonds Nos. 2826 to 2832	7,000 00
City Loan Bonds Nos. 2943 to 2951	9,000 00
City Loan Bonds Nos. 3056 to 3064	9,000 00
City Loan Bonds Nos. 3217 to 3224	8,000 00
City Loan Bond No. 3225	500 00
City Loan Bonds Nos. 3436 to 3443	8,000 00
City Loan Bonds Nos. 3158 to 3159	2,000 00
Sewer Loan Bond No. Reg. 131	1,000 00
Sewer Loan Bond No. Reg. 18	2,000 00
Sewer Loan Bond No. 67	1,000 00
Sewer Loan Bond No. 184	1,000 00
Sewer Loan Bond No. 208	1,000 00
Sewer Loan Bond No. 230	1,000 00
Sewer Loan Bond No. 259	1,000 00
Sewer Loan Bond No. 283	1,000 00
Sewer Loan Bond No. 307	1,000 00
Sewer Loan Bond No. 360	1,000 00
Sewer Loan Bond No. 50	1,000 00
Sewer Loan Bonds Nos. 120 to 122	3,000 00
Paving Loan Bonds Nos. 76 to 80	5,000 00
Water Loan Bond No. 292	1,000 00
Water Loan Bond No. b459	1,000 00
Water Loan Bond No. Reg. 101	3,000 00
Water Loan Bonds Nos. 458 to 459	2,000 00
Metropolitan Park Assessment Loan Bond No. 6	1,000 00

\$151,500 00
1,466,500 00

Present Funded Debt, balance of account .

\$1,618,000 00

Grade Crossings.

CREDIT.

Sewers, Construction account, amount transferred	\$1,000 00
Balance to debit of account, 1909	32,879 52
	<u>\$33,879 52</u>
Balance from 1907	169 80
	<u>\$33,709 72</u>

DEBIT.

(Expenditures.)

Cash, paid Bacon & Burpee, stenographer	\$17 43	
Edward A. Binney, appraising property	122 50	
Edward Coliten, settlement of claim	2,536 66	
Patrick Campbell, settlement of land damages, etc.	807 36	
Martin F. Flaherty, settlement of claim	807 36	
Ellen L. Holloran, settlement of land damages, etc.	807 36	
Eugene H. Jones, photos	97 50	
Frank W. Kaan, services as special counsel, expenses, etc.	1,372 88	
Mary Lynch, settlement of land damages, Margaret Lynch, settlement of land damages, etc.	857 36	
Mary A. McKenna, settlement of land damages, etc.	2,033 53	
Ellen McCarthy, settlement of land damages, etc.	807 36	
Henry McAvoy, settlement of land damages, etc.	807 36	
Thomas F. McCarthy, et al., settlement of claim	6,104 90	
I. W. Rollins, Jr., expert testimony	1,613 54	
Catherine White, claims for damages to estates	75 00	
Harry Van Iderstine, property appraising	14,719 12	
	122 50	
	<u> </u>	<u>\$33,709 72</u>

Health Department.

CREDIT.

Appropriations, from Taxes, 1908		\$8,000 00
Excess and Deficiency account, balance transferred		2,380 29
		<u> </u>
		\$10,380 29
Commonwealth of Massachusetts, care of patients		302 62
Receipts:—		
Cash, received of J. E. Richardson, milk inspector's fees	\$147 18	
William P. Mitchell, permits to keep swine	61 00	
City of Newton, care of patient	8 00	
City of Cambridge, care of patient	1 00	
Town of West Boylston, care of patient, George M. Harding and John Casey, board	19 43	
Robert Wattie, use of ambulance	5 00	
W. S. Furbush, machine	5 00	
Vincenzio Di Cecca, professional call	1 00	
Nicholas A. Baldwin, board	4 29	
	<u> </u>	256 90
		<u>\$10,939 81</u>

DEBIT.

(Expenditures.)

Cash, paid Caleb A. Page, salary as agent	\$1,500 00
disbursements	19 90
Sundry persons, burying dead animals	183 75
Frank L. Morse, M. D., salary as medical inspector	1,400 00
visits to dangerous cases	342 00
Charles M. Berry, salary as inspector of animals and provisions	1,100 00
Julius E. Richardson, salary as milk inspector	1,100 00
disbursements	11 63
M. W. White, M. D., salary as medical inspector of parochial school	100 00
Mary E. Ayer, nursing	30 00
American Express Co., expressing	11 90
D. J. Bennett, repairing	13 70
H. E. Bowman, medicine	25 13
Walter S. Barnes & Son, boxes	8 75
James Bartley, groceries	2 00
Boston Association for the Relief and Control of Tuberculosis, tuberculosis exhibit	68 55
Bosworth Optical Co., operating at exhibit	10 00
J. H. Brooks, cleaning blankets	2 00
Bausch & Lomb Optical Co., refractometer	105 29
Boston City Hospital, care of patients	624 30
Edward Coliten & Son, groceries	67 40
Cambridge Ice Co., ice	22 54
Commonwealth of Massachusetts, care of patients	188 80
City of Boston, care of patients	821 43
City of Quincy, care of patients	57 69
Claude Curtis, delivering cultures	80
M. E. Decrow, expressing	12 00
Paul S. Eaton, delivering cultures	70
Electric Goods Mfg. Co., supplies	81
Edwards, The Druggist, medicine, etc.	5 80
Edward Edwards, medicine, etc.	32 40
Eimer & Amend, test bottles	3 40
Fox, Fultz & Co., bottles and corks	5 60
F. W. Gay, delivering cultures	1 70
Charles F. Giles, groceries	92 00
Gilman Express Co., expressing	45
Thomas Groom & Co., stationery	39 00
Gilman Brothers, sulphuric acid	3 00
A. C. Gordon, signs	6 00
Percy A. Hall, delivering cultures	7 90
R. Hull, oil	65
R. Hart, delivering cultures	30
Jaynes Drug Co., alcohol	15 15
Library Bureau, index cards	8 83
Martin & Wood, repairing	24 00
A. B. McIntosh, repairing	3 25
Melvin & Badger, formaldehyde	7 25
Amount carried forward	\$8,087 75

Amount brought forward	\$8,087 75	
Wesley A. Maynard, printing	12 70	
Massachusetts Agricultural Experimental Station, testing	1 80	
Massachusetts State Sanitarium, care of patients	75 80	
City of New York, Department of Health, treatment of rabies	25 00	
New England Telephone & Telegraph Co., service	105 76	
North Packing & Provision Co., pro- visions	60 00	
R. G. Perkins, medicine	1 30	
A. P. Rockwood, board of horse, etc.	427 00	
Somerville Post-office, postage and box rent	36 24	
Schieffelin & Co., drugs	44 55	
Schlegal, Fottler Co., tongue depressors, Somerville Journal Co., printing	2 20	
Thorpe's Express, expressing	108 90	
Thorp & Martin Co., card index, etc.	2 30	
Thorp & Martin Co., card index, etc.	26 87	
Harry Tobin, horseshoeing	21 25	
T. H. Thomas Co., tubing	11 68	
Wellington-Wild Coal Co., coal and wood	18 30	
Whitall, Tatum Co., culture tubes	9 35	
Whitney & Snow, tacks, etc.	1 05	
		<hr/>
	\$9,079 80	
Health Department, Contagious Disease Hospital account, care of patients	1,860 01	
		<hr/>
		<u>\$10,939 81</u>

Health Department, Collection of Ashes and Offal.

CREDIT.

Appropriations, from Taxes, 1908	\$43,000 00	
Overlay and Abatement account, amount transferred	6,000 00	
Excess and Deficiency account, balance transferred	748 97	
		<hr/>
		\$49,748 97
Receipts:—		
Cash, received of sundry persons, offal	\$6,246 72	
Charles S. Butters, offal	188 25	
W. H. Heustis, offal	643 00	
A. G. Loker, offal	64 50	
L. Slade, offal	249 00	
E. A. Foster, offal	138 75	
M. Silverman, rags and paper	332 51	
Hamburger Brothers, paper	47 07	
J. Ryan & Son, manure	30 00	
Paul N. Raymond Co., paper	35 75	
		<hr/>
		7,975 55
Stock and labor billed other departments:—		
Support of Poor, City Home account, offal	287 50	
		<hr/>
		\$58,012 02

DEBIT.

(Expenditures.)

Cash, paid Edgar T. Mayhew, salary as superintendent	\$1,300 00	
Laborers	44,784 75	
Thomas Allen, teaming	10 00	
D. J. Bennett, repairing harnesses	890 64	
H. E. Brownell, horse medicine	2 45	
Joseph Breck & Sons, manure forks	18 23	
J. A. Durell, shovels, etc.	68 82	
J. H. Edwards, shoeing	51 13	
Charles L. Ellis, hay	166 08	
John Fisher & Co., tubs	19 20	
Thomas Groom & Co., stationery	19 05	
A. C. Gordon, sign	6 00	
Hale & Mayhew Co., repairing	420 35	
William T. Kilmartin, teaming	60 00	
G. W. Ladd, shoeing	189 70	
Lord & Webster, hay and straw	931 96	
Howard Lowell & Son, teaming	10 00	
George McDormand, shoeing	216 88	
Wesley A. Maynard, printing	7 50	
New England Telephone & Telegraph Co., service	72 55	
Fulton O'Brien, hay and grain	2,240 49	
Edward O'Brien, shoeing	304 39	
Proctor Brothers, oats	1,739 34	
Shepard, Clark & Co., sponges, etc.	42 50	
Charles R. Simpson, V. S., services	68 00	
Walter H. Snow, catering	18 75	
J. H. Thompson, teaming and board of horse	428 84	
Nathan Tufts & Sons, oats, etc.	724 50	
Fred D. Wyman, hay	177 05	
I. B. Walker, repairing and shoeing	904 30	
L. A. Wright, repairing	79 00	
Whitney & Snow, hardware	67 72	
Welch & Hall, horse	312 50	
	<hr/>	
	\$56,352 67	
Highways, Maintenance account, teaming	1,659 35	
	<hr/>	
		\$58,012 02

Health Department, Contagious Disease Hospital.

CREDIT.

Balance from 1907		\$935 00
Appropriations, from Taxes, 1908		1,000 00
Health Department, Contagious Disease Hospital, Accounts for Collection account, amount transferred		1,956 43
		<hr/>
		\$3,891 43
Receipts:—		
Commonwealth of Massachusetts, care of patients		999 93
Health Department, care of patients		1,860 01
Cash, received of City of Boston, care of patients	\$399 99	
City of Medford, care of patients	483 86	
	<hr/>	
Amounts carried forward	\$1,383 85	\$6,751 42

Amounts brought forward	\$1,383 85	\$6,751 42
City of Malden, care of patients	167 14	
City of Cambridge, care of patients	484 28	
City of Lynn, care of patients	94 29	
City of Chelsea, care of patients	33 57	
City of Woburn, care of patients	45 00	
Town of Canton, care of patients	47 14	
Town of Rockland, care of patients	111 43	
Town of Arlington, care of patients	57 14	
Town of Watertown, care of patients	60 71	
Boston City Hospital, care of patients	752 15	
Sundry persons, care of patients	1,191 03	
	<hr/>	4,432 73
		<hr/>
Excess and Deficiency account, balance transferred		\$11,184 15
		4,077 46
		<hr/>
		\$7,106 69

DEBIT.

(Expenditures.)

Cash, paid Nellie J. Van Cor, matron	\$800 00
incidental expenses	350 00
Nurses and assistants	3,290 24
Joseph Breck & Sons, bulbs	4 35
Batchelder & Lincoln, slippers, etc.	5 75
C. J. Bailey & Co., rubber goods	31 39
George W. Bentley Co., malted milk	2 00
Boston Y. W. C. A., furnishing nurse	1 50
J. H. Brooks, blankets	8 50
Cambridge Ice Co., ice	62 64
A. P. Chronquest, nursing	20 00
Carter, Rice & Co., paper	8 56
Carlisle-Ayer Co., lumber	10 20
Davenport-Brown Co., lumber	63 19
C. C. Elliott, fish	29 14
J. B. Fuller & Co., whiskey and brandy	51 35
Willis S. Furbush & Co., medicine	48 49
George C. Frye, thermometers	2 00
Gilman Express Co., expressing	65
C. H. Goldthwaite & Co., supplies	5 56
J. Frank Gear, tubes, etc.	9 10
Thomas Groom & Co., stationery	25
W. A. Greenough & Co., directory	4 00
Martin L. Hall & Co., groceries	243 71
H. P. Hood & Sons, milk	261 55
Hobbs & Warren Co., blanks	1 00
I. N. Holman, repairing mower	3 00
F. J. Hopkins, fish	19 04
Jordan Marsh Co., supplies	62 14
Jones, McDuffee & Stratton, dishes	19 37
William Leavens & Co., furniture	41 05
Lewis Mfg. Co., gauze	11 78
Lincoln, Dillaway Co., oakum	2 00
Frank L. Morse, M. D., tablets, etc.	4 82
M. A. Motschman, nursing	21 00
Robert Miller & Co., laundry bags	4 50
Charles F. Mills, carpentering	78 75
Melvin & Badger, drugs	12 50
	<hr/>
Amount carried forward	\$5,595 07

Amount brought forward	\$5,595 07	
Thomas Macbeth, room rent	1 50	
Wesley A. Maynard, printing	3 25	
New England Telephone & Telegraph Co., service	75 29	
National Biscuit Co., crackers	3 52	
New England Mfg. Co., butter	17 40	
George A. Odiorne Coat Co., camisole	8 00	
Richardson, Wright & Co., furnishings	105 50	
George L. Robinson, painting	16 65	
John H. Pray & Sons Co., rugs	12 50	
C. A. Smith, eggs, etc.	151 25	
E. S. Sparrow & Co., hardware	57 07	
Leslie H. Steele, newspapers	7 26	
C. L. Stevens, provisions	624 54	
Schieffelin & Co., drugs	20 20	
Somerville Journal Co., printing	16 25	
Somerville Post-office, envelopes	21 24	
Mrs. F. O. J. Tarbox, rent of room	9 20	
Vincent Valente, olive oil	3 00	
Samuel Ward Co., stationery	11 49	
Wilson, Larrabee & Co., dry goods	78 78	
George W. W. Whiting, operation	50 00	
Asahel Wheeler Co., paint and oil	19 32	
Women's Educational & Industrial Union, furnishing nurse	7 20	
	<hr/>	
	\$6,915 48	
Somerville Hospital, care of patient	35 00	
Support of Poor, City Home account, milk and produce	156 21	
	<hr/>	
		<u>\$7,106 69</u>

**Health Department, Contagious Disease Hospital,
Accounts for Collection.**

CREDIT.

Balance to debit of account, 1909	\$1,956 43
---	------------

DEBIT.

Health Department, Contagious Disease Hospital ac- count, amount due on bills from City of Cambridge	<u>\$1,956 43</u>
---	-------------------

**Health Department, Medical Inspection in Public
Schools.**

CREDIT.

Appropriations, from Taxes, 1908	\$1,500 00
Excess and Deficiency account, balance transferred	88 25
	<hr/>
	\$1,411 75

DEBIT.

(Expenditures.)

Cash, paid W. L. Bond, medical inspection	\$200 00
Herbert Cholerton, medical inspection	200 00
Edward J. Dailey, medical inspection	183 34
	<hr/>
Amount carried forward	\$583 34

Amount brought forward	\$583 34	
D. S. Flewelling, medical inspection	16 66	
R. F. Gibson, medical inspection	200 00	
L. H. Raymond, medical inspection	200 00	
Francis Shaw, medical inspection	200 00	
H. M. Stoodley, medical inspection	200 00	
Somerville Journal Co., printing	11 75	
	<hr/>	<u>\$1,411 75</u>

Highway Betterment Assessments.

CREDIT.

Cash, received of sundry persons		\$8,212 27
Highways, Construction account, abatements		99 00
Balance to debit of account, 1909		7,179 21
		<hr/>
		\$15,490 48

DEBIT.

Balance from 1907	\$1,363 81	
Highways, Construction account, assessments levied	14,126 67	
	<hr/>	<u>\$15,490 48</u>

Highways, Construction.

CREDIT.

Appropriations, from Funded Debt, 1908		\$28,000 00
Amounts transferred and unused:—		
Sidewalks, Construction account	\$6,500 00	
Highways, Paved Gutters and Crossings	2,101 89	
	<hr/>	8,601 89
		<hr/>
		\$19,398 11
Stock and labor billed other departments:—		
Highways, Maintenance account, materials.	\$1,632 99	
Highways, Paved Gutters and Crossings account, blocks	717 44	
	<hr/>	2,350 43
Charged to Highway Betterment Assessments account, assessments levied	\$14,126 67	
less abatements	99 00	
	<hr/>	14,027 67
		<hr/>
		\$35,776 21
Balance to debit of account, December 31, 1907	\$1,922 51	
Balance to credit of account, 1909	2,099 80	
	<hr/>	4,022 31
		<hr/>
		\$31,753 90

DEBIT.

(Expenditures.)

Cash, paid laborers	\$8,864 93
F. C. Ayer, lumber	5 04
Barrett Mfg. Co., tarvia	2,744 46
	<hr/>
Amount carried forward	\$11,614 43

Amount brought forward	\$11,614 43	
J. H. Fannon, steps	25 60	
G. S. Fletcher, photographs	4 50	
Carrie E. Knight, taking of land	500 00	
J. W. Howard, shrubs	390 08	
S. & R. J. Lombard, flagging	1,532 94	
Middlesex Registry of Deeds, recording	60 85	
Wesley A. Maynard, printing	20 50	
Massachusetts Broken Stone Co., crushed stone	3,536 94	
Simpson Bros. Corporation, payments on account of contracts	1,142 63	
Somerville Journal Co., printing	89 00	
Miriam F. Vogler, land and fence	630 50	
	<hr/>	
	\$19,547 97	
Highways, Maintenance account, use of city teams and materials	11,213 14	
Highways, Paved Gutters and Crossings account, paving blocks	774 14	
Highway Betterment Assessments, excess of assessment to Miriam F. Vogler	63 49	
Public Grounds, sods	145 16	
Sewers, Maintenance account, changing line, <hr/>	10 00	
		<hr/> <hr/>
		\$31,753 90

Highways, Maintenance.

CREDIT.

Commonwealth of Massachusetts:—		
Street Railway Tax	\$40,400 47	
Boston Elevated Railway Tax	9,010 15	
	<hr/>	
		\$49,410 62
Amount transferred to Sidewalks, Maintenance account		2,000 00
		<hr/>
		\$47,410 62
Balance to credit of account, 1909		5,613 98
		<hr/>
		\$41,796 64

Receipts:—

Cash, received of sundry persons, labor and materials	\$196 49	
Edison Electric Illuminating Co., labor	530 98	
New England Telephone & Telegraph Co., labor	351 26	
Boston Elevated Railway Co., repairs and use of roller	617 40	
Commonwealth of Massachusetts, repairs	119 38	
American Tube Works, constructing driveway	355 45	
Sundry persons, constructing driveways	57 00	
William P. Mitchell, sign	1 50	
J. H. Fannon, stone, etc.	90 96	
George O. Proctor, horse	40 00	
James P. McKenna, old iron	22 65	
	<hr/>	
		2,383 07

Stock and labor billed other departments:—

Highways, Construction account, teams	\$11,213 14	
Health Department, Collection of Ashes and Offal account, city teams	1,659 35	
	<hr/>	
Amounts carried forward	\$12,872 49	<hr/> <hr/>
		\$44,179 71

Amounts brought forward	\$12,872 49	\$44,179 71
Highways, Shade Trees account, city teams	37 80	
Highways, Paved Gutters and Crossings account, use of city teams	2,544 75	
Highways, Watering Streets account, city teams	1,241 00	
Public Grounds account, city teams	537 21	
Sewers, Construction account, city teams	32 90	
Sewers, Maintenance account, labor and teams	14 11	
Sidewalks, Construction account, teams	4,876 23	
Sidewalks, Maintenance account, teams	394 88	
Suppression of Brown Tail Moth account, labor	77 70	
Suppression Elm Leaf Beetle account, labor	33 60	
Water, Maintenance account, city teams	94 67	
	<hr/>	\$22,757 34
		<hr/>
		\$66,937 05

DEBIT.

(Expenditures.)

Cash, paid Asa B. Prichard, salary as street commissioner	\$2,000 00
Laborers	40,718 34
F. C. Ayer, lumber	278 74
American Express Co., expressing	5 50
T. Allen, sand	57 00
Ashton Valve Co., cleaning roller	8 40
Abbott, Downing Co., hub for street sweeper	17 25
American Broom Co., refilling brooms	71 40
Harold L. Bond Co., refilling brooms	57 00
Herbert E. Bowman, medicines	5 30
Buffalo Steam Roller Co., repairing rollers	626 85
Barrett Mfg. Co., tarvia	713 06
Charles E. Berry, cleaning roller	1 50
Bowers & Dewick, mittens	4 40
Boston Belting Co., hose	9 00
Jerry Buttmer, crushed stone	158 41
Boston & Lockport Block Co., sheaves	2 10
Braman, Dow & Co., supplies	1 16
Consumers Coal Co., fuel	414 42
Cling Surface Co., cling surfaces	14 00
Charles A. Clafin & Co., belt lacings, etc.	99 03
G. S. Cheney Co., oil, etc.	9 93
Bessie L. L. Crosby, typewriting annual report	1 50
Carlisle-Ayer Co., glass	2 29
Villa T. Chipman, damage to chair, rug, etc.	20 00
Chandler & Farquhar Co., cotton waste	21 06
Coggeshall Mfg. Co., tube cleaner, etc.	13 45
Jackson Caldwell & Co., stove and rugs	22 50
R. W. Doe, plumbing	23 19
Dodge, Haley & Co., nails	130 40
Dunbar Bros. Co., springs	3 48
	<hr/>
Amount carried forward	\$45,510 66

Amount brought forward	\$45,510 66
Davenport-Brown Co., sawing stock	3 80
Thomas Damery, disbursements	12 50
J. A. Durell, tar paper	1 65
James C. Emerson, painting stock	9 00
W. J. Emerson, rubber boots	9 00
George Fletcher, photographs	34 50
Walter W. Field, repairing crusher	162 81
Freeman & Smith, horses	500 00
J. H. Fannon, stone	12 22
Farrell Foundry & Machine Co., rubber spring	6 50
Thomas Groom & Co., books	35 65
Glines & Co., expressing	3 15
Gurney Heater Mfg. Co., thermometer	1 00
Julia Graham, settlement of suit	400 00
D. J. Greene & Co., sponges	4 00
Good Roads Machinery Co., castings, etc.	29 55
E. J. Hervey Co., dynamite, etc.	243 39
E. J. Hervey, dynamite	19 00
Hotel Westminster, dinners	23 00
John Henderson, shoeing	25
J. W. Howard, plants	75
Thomas Hollis Co., drugs	5 00
Hay Bros. Co., iron	8 20
Hartford Steam Boiler Inspection and Insurance Co., insurance	17 48
William Heffron, lumber	8 77
E. C. Holton, sand	93 50
Highland Coal Co., pipe and lime	2 21
William H. Hitchings, veterinary services	82 00
E. H. Jones, photographs	5 00
George B. Jeffrey, loam	7 00
J. A. Kiley, repairing wheels	14 07
William Kirkland, ashes	15 75
A. C. Libby & Sons, stationery	22 55
George W. Ladd, horseshoeing	5 40
Lord & Webster, hay	973 35
Howard Lowell & Son, use of brake	20 00
T. E. Littlefield, lumber	37 08
Frank W. Leavitt, wagon	250 00
P. J. Lennen, stone	77 05
S. & R. J. Lombard, paving blocks	40 75
George F. McKenna, horses	275 00
Morgan & Bond, saddlery supplies	783 83
Martin & Wood, sharpening saws	1 30
John P. Martin, settlement of suit	400 00
Blanche Martell, settlement of suit	225 00
J. D. McLellan, salt	2 40
Mary J. McCarthy, settlement for injuries	160 00
Massachusetts Broken Stone Co., stone	122 36
D. McDonald, repairing collars	13 20
W. B. Mullen, sand	1,408 40
George McDormand, horseshoeing	2 51
H. L. McPherson, burning brands	9 00
H. D. McGray, loam	9 60
Charles E. Maxwell, horse	175 00
Joseph Miller, tools, etc.	19 75
Amount carried forward	\$52,319 89

Amount brought forward	\$52,319 89
New England Telephone & Telegraph Co., service	77 33
New England Oil Co., oil	180 45
National Coal Tar Co., tarvia	62 38
Norton & Co., hose	15 00
New England Iron Works Co., wagon tank	215 40
Fulton O'Brien, oats and corn	2,075 86
Edward O'Brien, horseshoeing	122 25
Michael O'Keefe, sand	26 00
Perrin, Seamans Co., supplies	131 13
Proctor Bros., grain	2,927 28
Phelps Bros., hay	360 56
W. E. Plumer & Co., brooms	61 50
George H. Prescott, horse	100 00
Priest, Page & Co., tee for wagon scale	2 62
John M. Riley, gravel	36 50
A. G. Renner, expressing	30
John B. Rufer, shoeing	3 25
Roberts Iron Works Co., repairing crusher	14 80
Loring H. Raymond, M. D., professional services	5 00
Fred Schumacher, stone	67 53
R. C. Small & Co., wagon	90 00
Simpson Bros. Corporation, repairing pavement	28 50
Samson Draught Spring Co., springs and coils	9 80
Abbie P. Simpson, damage to property by blasting	235 53
Sprague & Hathaway Co., mounting map, etc.	2 10
Shepard, Clark & Co., brooms	9 75
Somerville Journal Co., printing	18 00
Somerville Post-office, stamps	8 50
W. A. Smith, tools	49 46
J. W. Staniford & Co., repairing levels	8 50
Walter H. Snow, catering	10 00
Shea Lubricator Co., lubricator	15 10
Somerville Bulb Nursery, plants	1 00
E. S. Sparrow & Co., hardware	426 76
D. M. Smith, sleds	126 00
George H. Sampson Co., pumps	1 50
Parke Snow, oil cloth	68
T. A. Sallaway, oil, turpentine, etc.	27 62
Albion Towle, board of horse	293 86
Nathan Tufts & Sons, grain	1,137 40
Underhill Hardware Co., hardware	83 09
Valvoline Oil Co., oil	145 74
Fred D. Wyman, hay and straw	241 68
I. B. Walker, horseshoeing	46 99
Asahel Wheeler Co., gold leaf	81 75
Walworth Mfg. Co., supplies	3 06
Whitney & Snow, hardware	109 09
A. M. Wood Co., wagon stock	145 80
Minnie C. Woodland, settlement of suit	72 00
John Walker, oak plank	40 00
Amount carried forward	<u>\$62,274 29</u>

Amount brought forward	\$62,274 29
Oliver Whyte Co., screens	13 00
John M. Woods & Co., oak	63 19
Wadsworth, Howland & Co., crysolite	1 00
Wellington-Wild Coal Co., fuel	900 09
L. A. Wright, repairing cart	76 95
Waterman & Leavitt, signs	5 90
William J. Wiley, scoop, etc.	6 45
Elizabeth E. Walsh, settlement of claim	700 00

\$64,040 87

Highways, Construction account, materials	1,632 99
Highways, Paved Gutters and Crossings account, paving blocks	92 03
Sewers, Construction account, cement	1,093 67
Sidewalks, Maintenance account, bricks	13 85
Water, Maintenance account, pipe and fittings	58 64

\$66,937 05

Highways, Paved Gutters and Crossings.

CREDIT.

Balance from 1907	\$573 71
Appropriations, from Funded Debt, 1908	12,000 00
Highways, Construction account, amount transferred	2,101 89

\$14,675 60

Stock and labor billed other departments:—

Highways, Maintenance account, blocks	\$92 03
Highways, Construction account, blocks	774 14
Sidewalks, Construction account, bricks	15 00
Water, Maintenance account, bricks	3 75

884 92

\$15,560 52

DEBIT.

(Expenditures.)

Cash, paid laborers	\$7,487 57
Thomas Groom & Co., books	11 50
S. & R. J. Lombard, paving blocks	4,711 77
W. A. Sanborn & Co., paving bricks	87 49

\$12,298 33

Highways, Construction account, paving blocks	717 44
Highways, Maintenance account, use of city teams	2,544 75

\$15,560 52

Highways, Shade Trees.

CREDIT.

Balance from 1907	\$13 19
Appropriations, from Funded Debt, 1908	500 00
Cash, received of S. LaBua, tree	1 00

\$514 19

Balance unused, carried to 1909 account	33 38
---	-------

\$480 81

DEBIT.

(Expenditures.)

Cash, paid laborers	\$170 13	
Charles R. Fish & Co., trees	50 00	
E. S. Sparrow & Co., netting	63 00	
George A. Skilton, poles	60 00	
M. Silverman, rubber hose	2 88	
A. M. Tuttle & Co., trees	50 00	
Underhill Hardware Co., netting and staples	47 00	
	<hr/>	
	\$443 01	
Highways, Maintenance account, use of city teams	37 80	
	<hr/>	
		\$480 81

Highways, Watering Streets.

CREDIT.

Taxes, assessments levied		\$30,619 90
Excess and Deficiency account, balance transferred		1,996 18
		<hr/>
		\$28,623 72
Receipts:—		
Cash, received of abutters	\$30 00	
Sundry persons, insuring	72 00	
Martin W. Carr & Co., watering drive- way	13 00	
	<hr/>	
		115 00
		<hr/>
		\$28,738 72

DEBIT.

(Expenditures.)

Cash, paid laborers	\$3,462 13
Thomas Allen, watering	558 00
Cornelius R. Bowlby, watering	558 00
Fred R. Brown, watering	606 00
Harry C. Brown, watering	121 50
Frank Buttimer, watering	558 00
George E. Carr, watering	607 00
Daniel Collins, watering	621 00
Timothy F. Crimmings, watering	558 00
John F. Elkins & Co., watering	610 00
James H. Fannon, watering	558 00
Charles T. Garland, watering	572 00
J. F. Hause & Co., watering	596 00
William A. Hall, watering	558 00
Jameson Brothers, watering	610 00
Howard Lowell & Son, watering	610 00
George F. McKenna, watering	582 00
J. A. Marsh Coal Co., watering	540 00
Henry McAvoy, watering	558 00
William H. McKenna, watering	540 00
Michael T. McLaughlin, watering	540 00
Mark W. Patten, watering	610 00
	<hr/>
Amount carried forward	\$15,133 63

Amount brought forward	\$15,133 63
Albion M. Prescott, watering	708 00
George F. Patten, watering	540 00
Albert P. Rockwood, watering	618 00
Thomas F. Reardon, watering	558 00
John B. Rufer & Co., watering	558 00
David M. Smith, watering	618 00
Ralph M. Sturtevant, watering	618 00
George Stevenson, watering	610 00
Suburban Coal Co., watering	928 50
Mary J. Shean, watering	496 00
Mary T. Shean, watering	90 00
R. Allen Sturtevant, watering	558 00
Frank A. Teele, watering	592 00
J. Herbert Thompson, watering	540 00
Dalie Wilson, watering	232 00
Thomas Walsh, watering	540 00
John Wilson, watering	379 50
F. C. Ayer, lumber	247 69
Boston Varnish Co., paint stock	216 50
Bertha M. Boyd, clerical services	34 67
G. W. Combs & Co., repairing carts	4 50
T. A. Cunningham, brushes	15 25
Dodge, Haley & Co., repairing carts	28 75
Florence Ham, clerical services	18 67
Florence R. Kenneson, clerical services	16 00
H. W. Johns-Manville Co., roll roofing, etc.	52 25
A. C. Libby & Sons, books	1 50
Medford, City of, watering Boston avenue	113 88
Mildred A. Merrill, clerical services	23 00
McGrath & Woodley, assessment book	18 00
Edward O'Brien, horseshoeing	14 00
New England Oil Co., gasolene	53
Joseph Palmer, repairing carts	6 75
J. L. & H. K. Potter, repairing carts	1,537 00
Charles S. Robertson, insurance on carts, J. B. Rufer, iron work	71 75
E. S. Sparrow & Co., hardware	75
Somerville Journal Co., printing	31 90
Underhill Hardware Co., lead and japan, Whitney & Snow, turpentine	15 25
L. A. Wright, repairing carts	47 50
A. M. Wood Co., poles	25 46
John M. Woods & Co., lumber	2 50
I. B. Walker, repairing carts	59 50
	2 13
	10 37
	<hr/>
	\$26,938 68
Highways, Maintenance account, teams	1,241 00
Water Works Extension account, water posts	324 60
Water Maintenance account, maintenance posts	234 44
	<hr/>
	\$28,738 72

Inspection of Buildings.

CREDIT.

Appropriations, from Taxes, 1908	\$5,200 00
Excess and Deficiency account, balance transferred	68 66
	<hr/>
	\$5,131 34
Receipts:—	
Cash, received of Walter T. Littlefield, plumbers' licenses,	48 50
	<hr/>
	\$5,179 84

DEBIT.

(Expenditures.)

Cash, paid Walter T. Littlefield, salary as commissioner of public buildings	\$2,000 00
disbursements	19 50
William F. Barker, deputy commissioner of public buildings	701 61
disbursements	6 00
George H. Galpin, assistant to commissioner of public buildings	624 00
Josephine M. Briggs, clerical assistance,	176 00
Duncan C. Greene, inspector of plumbing	1,200 00
Cotter's Express, expressing	15
E. J. Cambridge, envelopes	21 24
Thomas Groom & Co., books and supplies	12 35
W. A. Greenough & Co., directory	4 00
William J. Hanson, plumbing supplies	2 53
Howard Lowell & Son, carriage hire and board of horse	120 15
B. L. Makepeace, blue prints	18 00
George McDormand, horseshoeing	6 25
New England Telephone & Telegraph Co., service \$61 98	
(Cash)	7 10
	<hr/>
	54 88
Somerville Journal Co., printing and envelopes	89 50
Somerville Post-office, stamped envelopes	10 60
Smith-Premier Typewriter Co., carbon paper and supplies	9 40
Yawman & Erbe Mfg. Co., furniture	72 01
Samuel Ward Co., stationery	22 32
F. S. Webster Co., office supplies	6 35
L. A. Wright, repairing	3 00
	<hr/>
	\$5,179 84

Interest.

CREDIT.

Appropriations, from Taxes, 1908	\$70,000 00
Excess and Deficiency account, balance transferred	2,067 97
	<hr/>
	\$67,932 03
Amount carried forward	<hr/>
	\$67,932 03

Amount brought forward		\$67,932 03
Amounts transferred to the following accounts:—		
Electrical Department	\$400 00	
Public Buildings Maintenance, School-		
houses	1,200 00	
School Teachers' Salaries	2,182 45	
Suppression Elm Leaf Beetle	1,000 00	
	<hr/>	4,782 45
		<hr/>
		\$63,149 58
Receipts:—		
Cash, received of sundry persons		11,016 69
		<hr/>
		\$74,166 27

DEBIT.

(Expenditures.)

Coupons maturing April 1, 1908	\$3,747 50	
Coupons maturing July 1, 1908	18,252 50	
Coupons maturing October 1, 1908	5,767 50	
Coupons maturing January 1, 1909	16,075 00	
	<hr/>	\$43,842 50
Cash, paid interest on Registered Bonds:—		
Interest due April 1, 1908	\$3,682 50	
Interest due July 1, 1908	2,087 50	
Interest due October 1, 1908	3,427 50	
Interest due January 1, 1909	2,067 50	
	<hr/>	11,265 00
On Temporary Loans:—		
Note No. 662, 14 days, \$20,000,	\$46 67	
Note No. 662, 31 days, \$20,000,	100 00	
Note No. 660, 52 days, \$25,000,	216 66	
Note No. 663, 35 days, \$30,000,	175 00	
Note No. 661, 52 days, \$30,000,	260 00	
Note No. 664, 9 months, \$50,000	1,687 50	
Note No. 665, 9 months, \$25,000	843 75	
Note No. 666, 262 days, \$10,000,	336 60	
Note No. 667, 262 days, \$10,000,	336 60	
Note No. 668, 262 days, \$10,000,	336 59	
Note No. 670, 262 days, \$10,000,	336 59	
Note No. 672, 262 days, \$15,000,	504 90	
Note No. 673, 262 days, \$15,000,	504 90	
Note No. 674, 262 days, \$15,000,	504 90	
Note No. 675, 262 days, \$15,000,	504 89	
Note No. 676, 8 months, 15 days, \$25,000	796 88	
Note No. 677, 214 days, \$25,000,	616 74	
Note No. 678, 8 months, \$50,000	1,416 67	
Note No. 679, 1 year, \$25,000	1,000 00	
Note No. 680, 12 months, \$50,000	2,000 00	
Note No. 681, 12 months, \$50,000	2,000 00	
	<hr/>	
Amounts carried forward	\$14,525 84	\$55,107 50

Amounts brought forward	\$14,525 84	\$55,107 50
Notes Nos. 682, 683, 684, 685, 244 days, \$150,000	3,914 18	
Note No. 688, 6 months, \$25,000	468 75	
Note No. 690, 36 days, \$50,000,	150 00	
	<u> </u>	\$19,058 77
		<u> </u> <u> </u> \$74,166 27

Metered Water Charges.

CREDIT.		
Cash, received of sundry water takers	\$24,164 76	
	10 00	
	<u> </u>	\$24,174 76
Balance to debit of account, 1909		24,974 46
		<u> </u> \$49,149 22
DEBIT.		
Balance from 1907	\$24,174 76	
Last quarter, 1908, uncollected	24,974 46	
	<u> </u>	\$49,149 22
		<u> </u> <u> </u>

Military Aid.

CREDIT.		
Appropriations, from Taxes, 1908		\$900 00
Excess and Deficiency account, balance transferred		360 00
		<u> </u> \$540 00
Commonwealth of Massachusetts, amount charged		591 00
		<u> </u> \$1,131 00
DEBIT.		
(Expenditures.)		
Cash, paid sundry persons as per pay rolls		\$1,131 00
		<u> </u> <u> </u>

Overlay and Abatement.

CREDIT.		
Balance from 1907		\$4,505 81
Taxes, amount of overlay from assessors' warrant		16,550 79
Amount of assessors' supplementary warrants, 1908		15,723 08
		<u> </u> \$36,784 68
Amounts transferred and unused:—		
Fire Department, amount transferred	\$1,700 00	
Health Department, Collection of Ashes and Offal account, amount transferred,	6,000 00	
Public Buildings Maintenance, School- houses account, amount transferred	3,300 00	
School Contingent account, amount trans- ferred	3,000 00	
	<u> </u>	14,000 00
		<u> </u> \$22,784 68
Balance to credit of account, 1909		11,563 04
		<u> </u> \$11,221 64

DEBIT.

Taxes, amount of abatements	\$11,186 40		
(Cash)	10 60		
		\$11,175 80	
Cash, paid sundry persons, money refunded,		45 84	
			<u>\$11,221 64</u>

Overplus on Tax Sales.

CREDIT.

Balance from 1907			\$118 13
-----------------------------	--	--	----------

DEBIT.

Balance to credit of account, 1909			<u>\$118 13</u>
--	--	--	-----------------

Police.

CREDIT.

Appropriations, from Taxes, 1908		\$48,000 00	
Excess and Deficiency account, balance transferred		1,290 46	
			<u>\$46,709 54</u>

Receipts:—

Commonwealth of Massachusetts, corpora- tion tax, 1907	\$2,435 32		
Commonwealth of Massachusetts, national bank tax, 1907	37 00		
Commonwealth of Massachusetts, corpora- tion tax, 1908	29,822 51		
Commonwealth of Massachusetts, national bank tax, 1908	3,974 65		
			<u>36,319 48</u>

Stock and labor billed other departments:—

Electrical Department account, hay			118 87
--	--	--	--------

Receipts:—

Cash, received of John R. Fairbairn, Master of House of Correction, fines	\$612 00		
Herbert A. Chapin, Clerk of the Courts, fines	3,016 00		
Sundry persons, cloth for uniforms	427 09		
Boston & Maine Railroad Corporation, police service	47 50		
			<u>4,102 59</u>
			<u>\$87,250 48</u>

DEBIT.

(Expenditures.)

Cash, paid Melville C. Parkhurst, chief keeper of lockup	\$1,665 74		
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		
Amount carried forward	\$3,449 07		

Amount brought forward	\$3,419 07
George H. Carleton	1,200 00
James M. Harmon	1,200 00
John A. Ray	175 00
Inspector:—	
Thomas Damery	1,150 00
Patrolmen (salaries and extra services):—	
Edward M. Carter	1,092 00
George L. Smith	1,089 00
Francis A. Perkins	1,093 25
William H. Johnston	996 00
Jacob W. Skinner	1,092 00
Theodore E. Heron	1,092 00
David A. Bolton	1,093 25
Michael T. Kennedy	1,094 50
Charles W. Stevens	1,095 75
Ezra A. Dodge	1,092 00
Daniel G. Simons	1,092 00
Samuel Burns	1,097 00
Frederick H. Googins	1,097 00
Jotham Chisholm	1,086 00
William J. Davidson	1,091 50
Elmer E. Drew	1,032 00
John A. Dadmun	1,092 00
Eugene A. Woodsum	1,091 50
George L. Rice	1,089 00
Myron S. Gott	1,095 75
John A. Ray	945 00
Herbert Hilton	1,092 00
Charles W. Reick	1,092 00
Frank C. Hopkins	1,047 00
Charles W. Allen	1,090 25
Hudson M. Howe	1,094 50
Ernest S. Goff	810 00
Sanford S. Lewis	1,093 25
Frank H. Graves	1,084 25
Henry A. Sudbey	1,113 50
Harvey R. Fuller	1,094 50
William J. Sutherland	570 00
Thomas F. McNamara	1,047 00
Louis F. Arnold	1,080 00
Charles S. Johnston	1,095 75
James M. Lynch	1,102 00
Martin Sharry	1,102 00
Henry Y. Gilson	327 00
Robert T. Blair	1,071 00
Ernest Howard	1,064 75
John J. Cummings	1,043 25
Claude L. Crossman	1,070 75
Denis Neylon	1,064 75
Lemuel J. Simons	1,057 75
Edmund J. Keane	1,063 00
Edward M. Davies	1,069 75
Dennis Downey	1,066 00
George A. C. Peters	1,060 25
James E. Phillips	1,024 75
Louis J. Belzarini	972 50
Walter Reed	971 50
Dennis G. Mulqueeney	920 00
Amount carried forward	<u>\$66,267 57</u>

Amount brought forward	\$66,267 57
Patrick J. Doolin	918 75
Joseph J. Burns	932 50
Edward J. Hopkins	942 50
William G. Kenney	800 00
Walter L. Groves	921 25
Frederick G. Jones	972 56
Joseph A. Dwyer	892 50
Reserve patrolmen:—	
Clyde W. Steeves	948 75
Thomas P. Walsh	743 75
Augustine J. Fitzpatrick	558 75
Harry C. Young	591 25
Peter Moore	595 00
Patrick McGrath	572 50
William E. Taylor	491 25
Bernard McCabe	562 50
Robert D. Dewar	492 50
Drivers:—	
Judson W. Oliver	255 00
Edward E. Ware	910 00
Martin E. Driscoll	819 00
Israel Y. Hall	157 50
John J. Scannell	598 50
Joseph E. Flynn	78 75
Retired list (half pay):—	
George W. Bean	546 00
Albion L. Staples	546 00
John E. Fuller	546 00
Ira S. Carleton	546 00
James J. Pollard	454 50
Melville C. Parkhurst	134 16
Special patrolmen:—	
Theron H. Kinsley	2 50
John H. Kelley	7 50
Robert C. Brown	18 75
Sundry persons, special services at polls	144 00
Minnie F. Woodland, matron	285 25
American Express Co., expressing	6 25
American Towel Supply Co., towels	48 00
Auto List Publishing Co., auto list	2 00
C. M. Blake, newspapers	21 00
Henry Barrett, photographs	48 00
George W. Butters, year book	2 00
D. J. Bennett, harness work	29 00
Herbert E. Bowman, horse medicine	90
Boston & Suburban Express Co., ex- pressing	30
S. Bianchini, repairing belts	8 10
Boston Nickel Plating Co., plating	19 00
B. W. Carpenter, use of horse	146 00
Eugene A. Carter, disbursements	152 96
George H. Carleton, disbursements	12 50
Jackson Caldwell & Co., mattresses	20 00
Robart-Carleton Co., repairs	6 00
F. T. Cabana, harness repairs	6 70
G. W. Combs & Co., repairing van	6 00
E. J. Cambridge, postage	10 00
Thomas Damery, disbursements	166 89
Amount carried forward	<u>\$84,964 83</u>

Amount brought forward	\$84,964 83
Fresh Pond Ice Co., ice	60 95
Fenelon's Pharmacy, medicine	2 90
W. A. Greenough & Co., directory	12 00
Gilman Express Co., expressing	45
Glines & Co., expressing	90
Franklin W. Hopkins, disbursements	139 87
Hobbs & Warren Co., supplies	58 12
William S. Howe, boxes	14 90
J. A. Hedin & Co., harness repairs	2 10
Iver Johnson Co., revolvers	186 28
Johnston & Merhoff, badges	12 00
William H. Johnston, disbursements	8 75
William G. Kenney, disbursements	5 00
Dennis Kelley, disbursements	10 60
Lord & Webster, hay and straw	87 50
M. Linsky & Bros., chevrons	12 00
Little, Brown & Co., law books	11 25
Sanford S. Lewis, disbursements	2 60
J. W. Lovett, committing truants	3 14
A. B. McIntosh, repairs	50
Martin & Wood, making keys	4 80
Raphael Masstrangialo, helmets	10 00
Mary McEachern, food for prisoners	23 25
New England Telephone & Telegraph Co., service	190 11
Neostyle Co., paper	4 80
Fulton O'Brion, oats	142 97
Pettingell-Andrews Co., desk lamp	3 20
Laurence S. Peirce, veterinary services	4 00
George A. C. Peters, disbursements	61
Proctor Bros., oats	95 22
Ira L. Roberts, horseshoeing	157 50
A. P. Rockwood, storage wagon, etc.	36 00
R. M. Sturtevant, supplies	17 62
C. A. Slager, repairs	3 65
Lemuel H. Snow, disbursements	8 10
Somerville Journal Co., printing	79 32
S. Slater & Sons, blue cloth	517 40
R. M. Sturtevant & Co., supplies	12 45
Shea Lubricator Co., axle grease	1 00
Scoville Mfg. Co., buttons	13 50
The Frank Shepard Co., "Massachusetts Citations," etc.	12 00
Sampson, Murdock Co., directory	6 00
M. E. Sturtevant, committing prisoners	6 30
Idella A. Taylor, washing	45 47
Thomas W. Talcott & Sons, cloth	6 83
Nathan Tufts & Sons, oats	57 93
Underwood Typewriter Co., ribbons	4 00
M. L. Vinal, coin envelopes	3 60
Whitney & Snow, hardware	44 06
Charles Waugh & Co., repairs on van	130 50
C. F. Williams, repairs	4 00
Samuel Ward Co., stationery	1 00
Yawman, Erbe Mfg. Co., index cards	6 65.

\$87,250 48

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

CREDIT.

Appropriations, from Taxes, 1908	\$1,000 00
Excess and Deficiency account, amount appropriated	1,500 00
	<hr/>
	\$2,500 00
Excess and Deficiency account, balance transferred	264 94
	<hr/>
	\$2,235 06

DEBIT.

(Expenditures.)

Cash, paid American Multigraph Sales Co., gammeter multigraph	\$245 00	
American Express Co., expressing	1 60	
Boston Post-office, postage	21 00	
Columbia Engraving Co., invitations	50 25	
Carter, Rice & Co., paper	14 20	
W. J. Dobinson Engraving Co., half tone cut	8 10	
Wesley A. Maynard, printing	63 20	
Somerville Journal Co., printing annual reports, etc.	1,831 71	
	<hr/>	
		\$2,235 06

Property and Debt Balance.

CREDIT.

Balance from 1907	\$3,723,735 34
Public Property, property acquired in 1908	70,347 74
Funded Debt, bonds matured	151,500 00
	<hr/>
	\$3,945,583 08

DEBIT.

Funded Debt, issue of 1908	\$110,000 00	
Balance to credit of account, 1909	3,835,583 08	
	<hr/>	
		\$3,945,583 08

Public Buildings Construction, Addition to Benjamin G. Brown School.

CREDIT.

Balance from 1907	\$8,333 88
Public Buildings Construction, Building Public Buildings account, amount transferred	1,871 57
	<hr/>
	\$10,205 45
Public Buildings Construction, Addition to Sanford Hans- com School account, amount transferred	194 15
	<hr/>
	\$10,011 30

DEBIT.

(Expenditures.)

Cash, paid J. M. Andrews & Son, on account of contract	\$8,014 29	
Armstrong Bros., plumbing	400 00	
Jackson Caldwell & Co., furniture	306 10	
J. J. Hurley & Co., on account of contract	400 80	
Heywood Bros. & Wakefield Co., furniture	392 00	
E. Howard Clock Co., clocks	60 00	
Knott & Co., electrical fixtures	124 11	
Kenney Bros. & Wolkins, desks	314 00	
		<u>\$10,011 30</u>

Public Buildings Construction, Addition to Hanscom School.

CREDIT.

Balance from 1907	\$5,510 47
Public Buildings Construction, Building Public Buildings account, amount transferred	2,555 33
Public Buildings Construction, Addition to Benjamin G. Brown School, amount transferred	194 15
	<u>\$8,259 95</u>

DEBIT.

(Expenditures.)

Cash, paid American Seating Co., furniture,	\$200 00	
Armstrong Brothers, plumbing	237 00	
Jackson Caldwell & Co., furniture	303 00	
Frank E. Cutler, painting	240 00	
J. J. Hurley & Co., on account of contract	945 65	
E. Howard Clock Co., clocks	60 00	
Kenney Brothers & Wolkins, furniture	424 00	
John E. Locatelli, on account of contract	5,534 15	
Thomas M. Sargent, services architect	311 15	
		<u>\$8,259 95</u>

Public Buildings Construction, Bath House.

CREDIT.

Balance from 1907	\$3,000 00
Public Buildings Construction, Building Public Buildings, amount transferred	269 57
Public Buildings Construction, Building Public Buildings, balance transferred	98 64
	<u>\$3,368 21</u>
Fire Department, Additional Apparatus, amount transferred	1,000 00
	<u>\$2,368 21</u>

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	\$382 39	
C. W. Cahalan, plumbing	195 11	
Davenport-Brown Co., lumber	165 10	
Enterprise Rubber Co., rubber rings	5 00	
C. H. Goldthwaite, emergency case	6 00	
Glines & Co., teaming	1 50	
Iver Johnson Sporting Goods Co., bath- ing suits, etc.	199 49	
Eugene H. Jones, photographs	8 50	
G. F. McKenna & Son, teaming	8 00	
J. Edward L. McLean, carpentering	1,155 26	
Wesley A. Maynard, printing	5 25	
William J. McCarthy, teaming	86 25	
Pneumatic Hand Stamp Co., stamps	3 63	
E. S. Sparrow & Co., paroid, etc.	55 00	
Toppan Boat Mfg. Co., skiff, etc.	27 75	
Underhill Hardware Co., hardware	63 80	
A. J. Wilkinson & Co., steel rings	18	
		<u>\$2,368 21</u>

Public Buildings Construction, Building Public Buildings.

CREDIT.

Appropriations, from Funded Debt, 1908	\$20,000 00
Public Buildings Construction, Health Department Stable account, amount transferred	49 88
Public Buildings Construction, L. V. Bell School Fire Escapes account, amount transferred	31 62
	<u>\$20,081 50</u>

Amounts transferred to the following:—

Public Buildings Construction:—	
Addition to Benjamin G. Brown School account	\$1,871 57
Addition to Hanscom School account	2,555 33
Heating Plant, Charles G. Pope School account	1,158 64
Incinerator account	704 01
Vault, City Hall account	342 91
Health Department Stable account	10,500 00
Bath House account	269 57
Health Department Stable account	900 00
Bath House account	98 64
	<u>18,400 67</u>

Balance unused, carried to 1909 account	<u>\$1,680 83</u>
---	-------------------

Public Buildings Construction, Health Department Stable Account.

CREDIT.

Public Buildings Construction, Building Public Buildings account, amount transferred	\$10,500 00
Amount carried forward	<u>\$10,500 00</u>

Amount brought forward	\$10,500 00
Public Buildings Construction, Building Public Buildings account, amount transferred	900 00
	<hr/>
	\$11,400 00
Public Buildings Construction, Building Public Buildings account, balance of account unused, transferred	49 88
	<hr/>
	\$11,350 12

DEBIT.

(Expenditures.)

Cash, paid C. W. Cahalan, plumbing	\$829 99
W. Fillmore Co., carpentering	60 00
S. D. Hicks & Son, work on stalls	140 00
Knott & Co., electrical work	310 53
B. L. Makepeace, blue prints	5 20
Samuel Pote, rent of stalls	318 86
Slade & Crawford, specifications	12 00
W. A. Snow Iron Works Co., stable fixtures	844 75
Whitten & Jackson, steamfitting	249 31
Whitney & Snow, hardware	18 58
Walsh Brothers, contract	8,560 90
	<hr/>
	\$11,350 12

**Public Buildings Construction, Heating Plant
Charles G. Pope School.**

CREDIT.

Public Buildings Construction, Building Public Buildings account, amount transferred	\$1,158 64
Balance from 1907	948 69
	<hr/>
	\$209 95

DEBIT.

(Expenditures.)

Cash, paid Alexander Duncan Co., heating plant	\$209 95
	<hr/>

Public Buildings Construction, Incinerator.

CREDIT.

Public Buildings Construction, Building Public Buildings account, amount transferred	\$704 01
Balance from 1907	622 02
	<hr/>
	\$31 99

DEBIT.

(Expenditures.)

Cash, paid J. E. L. McLean, carpentering	\$31 99
	<hr/>

**Public Buildings Construction, Luther V. Bell
School Fire Escapes.**

CREDIT.

Balance from 1907	\$31 62
Public Buildings Construction, Building Public Buildings account, balance of account unused, transferred	\$31 62
	<hr/>

Public Buildings Construction, Vault City Hall.

CREDIT.

Balance from 1907	\$432 19
Public Buildings Construction, Building Public Buildings account, amount transferred	342 91
	<hr/>
	\$775 10

DEBIT.

(Expenditures.)

Cash, paid Herbert L. Henderson, con- structing stairs	\$120 00
H. W. Johns-Manville Co., asbestos lumber	382 10
Morris-Ireland Safe Co., vault doors	175 00
Waldo Brothers, terra cotta	93 00
	<hr/>
	\$775 10

Public Buildings Maintenance, City Buildings.

CREDIT.

Appropriations, from Taxes, 1908	\$10,000 00
Excess and Deficiency account, balance transfered	1,052 94
	<hr/>
	\$11,052 94
County of Middlesex, rent of court room	600 00

Receipts:—

Cash, received of Thomas Ormond, rent	\$120 00
Arthur Murley, rent	120 00
Walter T. Littlefield, bath house receipts, Frank Miller, old stove	56 05
	1 00
	<hr/>
	297 05

\$11,949 99

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	\$48 89
E. O. Arnold & Co., cleaning carpets	1 06
American Express Co., expressing	1 90
J. M. Andrews & Son, carpentering	1 65
Ashton Valve Co., valves, etc.	61 75
Boston Feather Duster Co., feather dusters	42 56
James Bartley, matches	2 95
Boston Steam Specialty Co., supplies	4 00
P. Bowdren, work on lawns	1 25
Matthew M. Blunt, re-seating chairs	1 50
J. W. Bailey & Sons Co., screen slides	58
D. P. Bucknam, mason work	238 82
J. F. Brown, repairing clocks	6 00
Boston Electric Co., supplies	42
Consumers' Coal Co., coal	1,177 50
C. W. Cahalan, plumbing	273 70
Cambridge Gas Light Co., gas . \$473 67	
(Cash)	2 25
	<hr/>
	471 42

Amount carried forward \$2,335 95

Amount brought forward	\$2,335 95
Cambridge Ice Co., ice	96 46
Carlisle-Ayer Co., lumber, etc.	47 01
Henry N. Clark Co., grate	62
Cudahy Packing Co., packing	7 50
Jackson Caldwell & Co., furniture	86 81
Daniel Campbell, steamfitting	3 00
W. W. Calkin, carpenter work	173 30
John Cremen, weighing coal	10 00
L. E. Clayton, cheese cloth	50
Davenport-Brown Co., lumber	176 38
James F. Davlin, plumbing	260 42
Thomas Dowd, masonry	90 50
James Duncan, re-seating chairs	4 50
R. W. Doe, register	1 30
John Ducey, cleaning carpets	15 50
James Duncan, repairing chairs	15 50
Doten-Dunton Desk Co., office fur- niture	250 00
J. A. Durell, plumbing	1 22
Edison Electric Illuminating Co., light- ing	2,264 60
Electric Goods Mfg Co., supplies	37 92
Enterprise Rubber Co., matting	40 70
I. G. Felt, laundry	26 00
Albert B. Franklin, handle for heater	1 10
F. W. Farrar, repairing clocks	11 50
J. J. Fisher, plumbing	17 72
John F. Foster, tank heater	36 00
Fenelon Pharmacy, roach powder, etc.	2 70
Edwin P. Fitzgerald, services as life guard	137 50
Gas Consumers' Association, rental and service	32 00
Glines & Co., expressing	1 65
Gilman Express Co., expressing	1 90
Gurney Heater Mfg. Co., steam supplies, Eugene Giroir, services	20 01
Highland Foundry Co., grate bars	44 00
J. J. Hurley Co., steamfitting	6 50
Hemeon Brothers, carpentering	153 83
Herbert L. Henderson, iron work	28 23
Robert Hull, oil	12 00
William S. Howe, plumbing	76
Hartford Steam Boiler Inspection and Insurance Co., premium on policy	30
Highland Coal Co., coal	102 96
S. D. Hicks & Son, copper conductors, etc.	351 10
Iver Johnson Sporting Goods Co., brass checks	35 00
Frank O. Johnson, plumbing	80
John Jennings, mason work	47 04
H. W. Johns-Manville Co., covering pipes	153 00
John H. Kelley, steamfitting	56 14
James Kenney, carpentering	15 00
Knott & Co., fixtures	72 16
Knight & Thomas, fire extinguishers	81 52
	168 00
Amount carried forward	<hr/> \$7,541 11

Amount brought forward	\$7,541 11
S. P. Larsen, carpentering	208 19
T. E. Littlefield, lumber	99 66
T. L. Littlefield, lumber	67 58
W. T. Littlefield, disbursements	1 90
Metropolitan Coal Co., coal	943 00
George W. Manning, work on flagstaff	8 00
G. F. McKenna & Son, teaming	24 00
Charles F. Mills, carpentering	450 10
Morris-Ireland Safe Co., repairing	10 75
A. M. Morton & Co., steamfitting	1 90
G. F. McKenna, teaming	2 50
Martin & Wood, keys	80
Wesley A. Maynard, printing	5 65
J. Edward L. McLean, carpentering	34 64
William J. McCarthy, laborer	2 50
New England Towel Supply Co., towels,	68 25
Norton Door Check Co., repairing	2 50
A. W. Phillips, mason work	2 00
Pierce, Butler & Pierce Mfg. Co., grate	1 40
W. E. Plumer & Co., hardware	3 30
Phillips Co., repairing furnace	50
Louis Pettito, laying floor	21 85
L. A. Penney, carpentering	91 21
Pittsburg Plate Glass Co., glass	14 35
Paine Furniture Co., rug	72 00
Pettingell-Andrews Co., lighting fixtures,	1 40
G. D. B. Robinson, carpentering	7 69
George L. Robinson, painting	295 00
A. G. Renner, expressing	30
D. L. Shepard, mason work, etc.	204 33
C. A. Southwick, extra janitor's services,	50 00
E. S. Sparrow & Co., hardware	136 48
Standard Charcoal Co., charcoal	39 00
Alexander Sampson, lumber	125 00
Sprague & Hathaway Co., frame	17 34
Stilphen's Express, expressing	1 30
Simplex Electric Heating Co., foot warmer and radiator	14 63
Shepard, Clark & Co., mats, etc.	26 95
Sanitary Dust Removing Co. of Massa- chusetts, cleaning	75 00
Somerville Coal Co., coal	35 34
C. H. Sanborn, steamfitting	32 74
Frank A. Teele, wood	13 85
William J. Thompson & Co., roofing	5 48
Underhill Hardware Co., hardware	2 10
Walsh Brothers, mason work	132 25
D. W. Webster, repairing chairs	16 75
West Disinfecting Co., disinfectant	67 50
Whitney & Snow, water cooler	29 83
Walker & Pratt Mfg. Co., flue brush	75
H. G. White, electrical supplies	53 57
William J. Wiley, plumbing	26 36
Asahel Wheeler Co., paint, etc.	62 87
Welsbach Co., mantles	14 88
John M. Woods & Co., lumber	31 73
Wellington-Wild Coal Co., fuel	293 13
Western Electric Co., electric fans, etc.,	25 92
Amount carried forward	\$11,524 11

Amount brought forward	\$11,524 11	
Mrs. M. J. Whitney, mending flag	6 30	
Whitten & Jackson, steamfitting	38 84	
George H. Wickes & Son, painting	352 66	
A. J. Wilkinson & Co., screen springs	30	
Winter Hill Press, printing	1 00	
J. Oscar Youngjohn, laundry work	26 78	
		<u>\$11,949 99</u>

Public Buildings Maintenance, Fire Department.

CREDIT.

Appropriations, from Taxes, 1908	\$5,000 00
Excess and Deficiency account, balance transferred	107 22
	<u>\$5,107 22</u>

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	\$62 23
P. Bowdren, work on lawns	6 88
Boston Belting Co., supplies	52
Consumers' Coal Co., coal	515 24
Cambridge Gas Light Co., gas	48 06
Charlestown Gas & Electric Co., gas	59 31
Carlisle-Ayer Co., lumber	3 09
J. A. Durell, plumbing	28 66
James F. Davlin, plumbing	30 10
Davenport-Brown Co., lumber	4 41
J. H. Derby, repairing clock	2 00
Edison Electric Illuminating Co., light- ing	946 69
W. J. Fermoye, painting	310 00
Flagg & Bowers, erecting and painting steel ceiling	51 00
J. J. Fisher, plumbing	27 94
Fred W. Farrar, repairing clock	1 50
Glines & Co., expressing	50
S. D. Hicks & Son, work on bell deck, etc.	225 90
Highland Coal Co., coal	337 32
Charles H. M. Hunnewell, plugs, etc.	27 61
William S. Howe, plumbing	1 85
J. J. Hurley & Co., steamfitting	34 37
Frank O. Johnson, plumbing	13 17
James Kenney, carpentering	4 92
John H. Kelley, steamfitting	8 00
S. P. Larsen, roofing	287 68
T. E. Littlefield, lumber	27 28
Metropolitan Coal Co., coal	724 50
Charles F. Mills, carpentering	194 40
A. M. Morton & Co., steamfitting	5 57
C. J. Miers & Son, roofing	8 35
G. W. Manning, work on flagstaff	18 00
G. F. McKenna & Son, teaming	5 00
James W. O'Neil, plumbing	21 02
Pittsburg Plate Glass Co., glass	5 94
	<u>\$4,049 01</u>
Amount carried forward	\$4,049 01

Amount brought forward	\$4,049 01
W. E. Plumer & Co., hardware	1 63
A. W. Phillips, mason work	25 25
A. M. Pride, carpentering	10 80
George L. Robinson, painting and glazing	126 19
John B. Rufer, bolts and iron	15 00
W. P. Rice, lumber	1 52
E. S. Sparrow & Co., hardware	32 01
John Stackpole, carpentering	86 46
Somerville Coal Co., coal	260 19
Simpson Brothers Corporation, constructing concrete pit and laying granolithic floor	116 52
C. A. Sanborn, steamfitting	3 20
Frank A. Teele, wood	22 88
C. L. Underhill, steel rod	3 00
Underhill Hardware Co., screen doors, etc.	2 00
William J. Wiley, plumbing	60 57
John M. Woods & Co., lumber	69 51
Asahel Wheeler Co., paint	14 63
Wellington-Wild Coal Co., fuel	206 80
	<hr/>
	<u>\$5,107 22</u>

Public Buildings Maintenance, Janitors' Salaries.

CREDIT.

Appropriations, from Taxes, 1908	\$29,000 00
Excess and Deficiency account, balance transferred	755 44
	<hr/>
	\$29,755 44

DEBIT.

(Expenditures.)

Cash, paid janitors' salaries	\$29,755 44
	<hr/>

Public Buildings Maintenance, Schoolhouses.

CREDIT.

Appropriations, from Taxes, 1908	\$32,000 00
Interest account, amount transferred	1,200 00
Overlay and Abatement account, amount transferred	3,300 00
Excess and Deficiency account, balance transferred	260 35
	<hr/>
	\$36,760 35

Receipts:—

Cash, received of Walter T. Littlefield, telephone tolls	\$74 88
Mrs. E. H. Norrby, gas	23 40
Sundry persons, use of ward rooms	39 00
Sundry persons, damage to property	12 00
	<hr/>
	149 28
	<hr/>
	\$36,909 63

DEBIT.

(Expenditures.)

Cash, paid Edwin Adler, firing boiler . . .	\$14 00
American Seating Co., ink wells, etc. . .	69 66
American Steam Packing Co., packing . . .	13 23
Armstrong Brothers, plumbing . . .	474 85
Ashton Valve Co., gauges . . .	87 95
E. O. Arnold & Co., work on carpets . . .	17 68
J. M. Andrews & Son, carpentering . . .	240 16
American Express Co., expressing . . .	30
F. C. Ayer, lumber . . .	3 46
John H. Adcock, plumbing . . .	9 55
Armour & Co., washing powder . . .	20 76
Frank Atkinson, carpentering . . .	65 00
F. C. Alexander, mason work . . .	146 60
American Steam Gauge & Valve Mfg. Co., repairing valves . . .	2 00
Baker School Specialty Co., furniture . . .	259 15
Boston Spray Co., disinfectant . . .	7 50
Patrick Bowdren, work on lawns . . .	294 25
D. F. Burke, mason work . . .	482 20
Edward H. Barter, repairing clocks . . .	12 50
D. J. Bennett, door strap . . .	1 75
Blodgett Clock Co., repairing clock . . .	31 10
Boston Belting Co., hose, etc. . .	13 18
Boston Varnish Co., varnish . . .	48 00
D. P. Bucknam, mason work . . .	301 00
Bay State Belting Co., punch, etc. . .	1 35
Boston Feather Duster Co., dusters . . .	85 12
Bartholomew Burke, grading . . .	47 29
Matthew M. Blunt, re-seating chairs . . .	13 00
Bradlee & Chatman Co., steamfitting . . .	16 80
Broad Gauge Iron Works, gilded ball for flagstaff . . .	18 00
J. F. Brown, repairing clocks . . .	13 25
Patrick Burke, work on lawn . . .	6 10
W. H. Brown & Co., oil . . .	60
J. A. Bremner & Co., tinting ceiling, etc., . . .	251 00
A. & E. Burton Co., brushes . . .	36 00
Herbert Briggs, cleaning . . .	85 00
George F. Blake Mfg. Co., pump sup- plies . . .	4 62
Consumers' Coal Co., coal . . .	5,731 44
Cambridge Gas Light Co., gas . . .	639 45
Chapman Valve Mfg. Co., valves . . .	43 99
Charlestown Gas & Electric Co., gas . . .	385 65
L. E. Clayton, cloth . . .	15 55
Crosby Steam Gage & Valve Co., re- pairing . . .	75
T. A. Cunningham, brushes . . .	2 50
Jackson Caldwell & Co., furniture . . .	200 34
Consumers' Coal Corporation, coal . . .	3,563 34
Frank E. Cutler, painting . . .	645 63
Frederick R. Cutter, repairing clock . . .	30 50
Cotter's Express, expressing . . .	5 85
H. E. Campbell, plumbing . . .	4 03
D. T. Campbell, janitor's service . . .	6 00
Coggeshall Mfg. Co., boiler merchandise, . . .	10 00

Amount carried forward \$14,478 98

Amount brought forward	\$14,478 98
Edward G. Came, repairing fence	10 69
C. W. Cahalan, plumbing	37 71
John Conrad & Co., brooms	4 63
T. F. Crimmings, mason work	29 65
J. W. Ford, painting	90 65
A. L. Carpenter, floor brushes	25 00
Carlisle-Ayer Co., lumber	66 82
Continental Mfg. Co., dustoline	10 00
Commonwealth of Massachusetts, Industrial Department, mops	6 00
Davenport-Brown Co., lumber	51 10
James F. Davlin, plumbing	15 78
J. A. Durell, oil	08
James Duncan, repairing chairs	13 35
Alexander Duncan Co., packing	87 70
John Ducey, work on carpets	110 00
R. W. Doe, repairing heaters	66 40
Thomas Dowd, plastering	59 80
J. H. Derby, repairing clocks	1 00
P. Derby & Co., irons for chairs	1 75
Edison Electric Illuminating Co., lighting	2,512 18
Eldridge, Baker & Co., gold dust	11 74
Electric Goods Mfg. Co., supplies	53 23
Enterprise Rubber Co., gaskets	54 62
Fred W. Farrar, repairing clocks	65 00
F. W. Foster Mfg. Co., grate bar	2 75
The Formacone Co., disinfectant	28 00
F. C. Fuller & Co., dust pans and brushes	46 34
J. H. Fannon, concreting	475 35
Mary C. Faelton, repairing fence	7 50
J. W. Ford, painting fence	24 90
Gas Consumers' Association, rental and service	56 00
Glines Express Co., expressing	27 15
Gurney Heater Mfg. Co., supplies	13 50
Gilman Express, expressing	1 75
Eugene Giroir, cleaning	76 00
Walter J. Godfrey, tinting ceiling, etc.	144 00
Paul Goguen, plastering	13 80
R. Hull, oil	39 77
Charles H. M. Hunnewell, plumbing	149 73
William J. Hanson, plumbing	5 20
William S. Howe, plumbing	3 52
J. J. Hurley & Co., steamfitting	438 09
Hartford Steam Boiler Inspection and Insurance Co., premium on policy	562 30
John Henderson, repairing tools	1 25
Edgar O. Hunt, plumbing	4 44
Hemeon Brothers, carpenter work	335 88
Highland Coal Co., coal	494 31
Hodge Boiler Co., boiler supplies	857 40
S. D. Hicks & Son, repairing gutters and conductors	276 00
James Harper & Co., repairing couch	3 50
H. W. Johns-Manville Co., covering pipes	55 47
Amount carried forward	<u>\$22,007 76</u>

Amount brought forward	\$22,007 76
Frank J. Jameson, sponges	20 37
H. James & Son, soap	3 00
Frank O. Johnson, plumbing	102 53
Johnson Service Co., repairing heaters	116 75
Jenkins Brothers, valves and plugs	8 00
George L. Janvrin, repairing clocks	6 50
John H. Kelley, steamfitting	143 75
John Kennedy, mason work	66 16
James Kenney, carpentering	451 00
Kenney Brothers & Wolkins, furniture	779 70
Knott & Co., electrical supplies	773 31
E. S. Kearney, sawdust	30 25
E. & F. King & Co., soda ash	5 02
J. A. Kiley, repairing tools	1 85
Clara Kenney, cleaning	51 32
S. P. Larsen, carpenter work	165 66
T. E. Littlefield, lumber	57 43
Howard Lowell & Son, board of horse, etc.	245 06
G. W. Ladd, furnace rake	1 05
Link Belt Co., chain belting	39 94
F. T. Lord Polish Co., polish	5 00
Miss E. H. Lunt, moulding	1 68
C. W. Lerner & Co., disinfectant	23 80
Metropolitan Coal Co., coal	3,021 08
George W. Manning, repairing venti- lators and fire escapes	156 25
Martin & Wood, keys	19 25
Henry McCarthy, carpentering	29 52
Daniel McIntire, gardening	77 11
G. F. McKenna & Son, teaming	134 50
Charles F. Mills, carpentering	315 20
A. M. Morton & Co., steam supplies	71 76
C. W. H. Moulton & Co., snow shovels, etc.	46 50
G. F. McKenna, teaming	29 75
George McDormand, horseshoeing	9 25
C. J. Miers & Son, roofing	154 94
G. A. McGunnigle, janitor's services	9 75
Morgan Drug & Chemical Co., dust layer	8 00
A. S. Morss Co., supplies for flagstaff	68
J. E. L. McLean, carpenter work	103 73
New England Telephone & Telegraph Co., service	390 65
Norton Door Check Co., repairing door check	6 76
New England Iron Works Co., boiler supplies	11 44
James W. O'Neil, plumbing	32 37
Thomas O'Callaghan & Co., rug	19 50
Pittsburg Plate Glass Co., glass	149 20
W. E. Plumer & Co., hardware	148 59
A. W. Phillips, concreting	255 63
L. A. Penney, carpentering	1 80
O. M. Pote, janitor's services	15 00
Phillips Co., re-finishing fixtures	3 00
Roberts Iron Works Co., tubes, etc.	44 27
Amount carried forward	<u>\$30,372 37</u>

Amount brought forward	\$30,372 37
George L. Robinson, painting	480 12
John B. Rufer, iron work	6 40
Robert S. Ray, damages to child's coat	5 00
G. D. B. Robinson, carpentering	3 00
W. P. Rice, lumber	10 44
A. G. Renner, expressing	35
F. M. Rogers & Co., painting	434 00
Alice M. Saben, chairs	4 80
C. H. Sanborn, services as engineer	144 38
Shepard, Clark & Co., brushes and baskets	198 75
Skinner & Wentworth, clocks	17 50
E. S. Sparrow & Co., hardware	447 89
Standard Charcoal Co., charcoal	51 00
P. Sutherland & Co., oil	60 60
Solshine Mfg. Co., polish	7 20
B. F. Sturtevant Co., repairing engine	40 55
T. A. Sallaway, hardware	2 10
Somerville Coal Co., coal	532 16
John Stackpole, carpentering	226 27
Stillman, Carmichael Co., packing	1 00
Frank A. Teele, wood	150 07
Trueman H. Thorpe, carpentering	163 28
Benjamin R. Twombly, painting	134 00
Charles L. Underhill, repairs	19 90
Underhill Hardware Co., hardware	302 33
H. W. Waite & Co., disinfectant	137 95
Waldo Brothers, lime	43 70
Walsh Brothers, mason work	17 85
Asahel Wheeler Co., paint, etc.	196 97
Henry A. Wheeler & Co., ensigns	93 75
H. G. White, electrical supplies	223 98
Whitney & Snow, hardware	85 91
A. J. Wilkinson & Co., chain	1 90
D. W. Webster, repairing chairs	46 60
George A. Weld Co., steamfitting	226 91
Mrs. M. J. Whitney, mending flags	23 00
F. W. Webb Mfg. Co., supplies	60
West Disinfecting Co., disinfectant	15 00
Whitten & Jackson, steamfitting, \$176 87 (Cash)	11 37
	<hr/>
	165 50
William J. Wiley, plumbing	49 10
Arthur W. Walker, repairing clock	10 25
Waters Governor Co., steam supplies	3 70
Winter Hill Press, printing	1 25
L. A. Wright, blacksmithing	50
I. B. Walker, blacksmithing	14 40
John Weingartner, paint remover	12 00
Wellington-Wild Coal Co., coal	1,362 95
John P. Wahlstrom, tinting ceilings	168 00
G. A. Walker, painting, etc.	146 25
Waverley Heating & Supply Co., sup- plies	28 25
Frederick B. Witherley, brackets	11 40
G. A. Walker Machine Co., repairs	1 00
Western Electric Co., supplies	5 50

\$36,909 63

Public Grounds.

CREDIT.

Appropriations, from Taxes, 1908	\$10,700 00
Excess and Deficiency account, balance transferred	49 99

 \$10,749 99

Receipts:—

Cash, received of Somerville High School		
Athletic Association, labor and materials	\$132 00	
Arthur A. Smith, sods	7 80	
		<hr/> 139 80

Stock and labor billed other departments:—

Highways, Construction account, sods	\$145 16	
Sewers, Construction account, sand	139 50	
Sidewalks, Construction account, sods	314 31	
Sidewalks, Maintenance account, sods	8 00	
Water Works Extension account, labor	12 00	
		<hr/> 618 97

 \$11,508 76

DEBIT.

(Expenditures.)

Cash, paid laborers	\$6,922 48
Thomas Allen, concreting	170 63
G. J. Allen, concreting	92 06
F. C. Ayer, lumber	30 87
Barrett Mfg. Co., tarvia	121 20
D. J. Bennett, repairing	35 50
Charles E. Berry, labor	3 80
E. M. Brims, dinners	17 00
Broad Gauge Iron Works, ball	3 00
William F. Chester & Co., repairing ladder	1 75
Cornelius Callahan Co., repairing hose	9 00
J. A. Durell, hardware	26 14
Davenport-Brown Co., poles and stakes, Fellows & Co., repairing ladder	39 26
A. C. Gordon, painting	4 50
Thomas J. Gray & Co., horse lawn mower	122 60
Hemeon Brothers, carpentering	75 00
J. W. Howard, plants	422 71
Highland Coal Co., lime	1,026 68
W. S. Howe, repairing conductor	8 75
Hill & Holt, use of auto	19 30
F. W. Kimball, ash slats	25 00
George W. Manning, labor on flagstuffs, Martin & Wood, sharpening	9 17
Norton & Co., hose	64 35
F. O'Brion, salt	31 85
W. E. Plumer & Co., rope, etc.	96 76
A. E. Salt, pipe and damper	3 95
E. S. Sparrow & Co., hardware	23 52
T. A. Sallaway, rake and staples	3 75
James Tevlin, use of teams	65 03
Underhill Hardware Co., hardware	80
	801 15
	34 28
	<hr/>

Amount carried forward \$10,311 84

Amount brought forward	\$10,311 84	
Whitney & Snow, hardware	258 43	
W. A. Wood Mowing & Reaping Machine Co., scythes	2 25	
L. A. Wright, bolts, etc.	15 00	
I. B. Walker, repairing	47 53	
Henry A. Wheeler & Co., ensign	19 65	
Wright & Ditson, bases	2 80	
Waldo Brothers, drain pipe	93	
	<hr/>	\$10,658 43
Highways, Maintenance account, crushed stone and labor	537 21	
Public Grounds, Construction account, sand,	5 56	
Sidewalk Assessments account, assessment,	182 76	
Water Maintenance account, labor, etc.	100 69	
Water Service Assessments account, service,	24 11	
	<hr/>	<u>\$11,508 76</u>

Public Grounds, Construction.

CREDIT.

Sewers, Construction account, amount transferred	\$1,500 00
Receipts:—	
Stock and labor billed other departments:—	
Public Grounds account, sand	5 56
	<hr/>
	\$1,505 56

DEBIT.

(Expenditures.)

Cash, paid laborers	\$1,107 03
F. C. Ayer, laths	40
James Tevlin, teaming	398 13
	<hr/>
	<u>\$1,505 56</u>

Public Library.

CREDIT.

Appropriations, from Taxes, 1908	\$16,000 00
County of Middlesex, dog licenses	4,214 39
	<hr/>
	\$20,214 39
Excess and Deficiency account, balance transferred	1 46
	<hr/>
	\$20,212 93

Receipts:—

Cash, received of Sam Walter Foss, librarian:—	
books	\$141 89
finer	709 46
telephone tolls	11 85
	<hr/>
	863 20
Stock and labor billed other departments:—	
Public Library, West Somerville Branch ac- count, books	\$154 80
School Contingent account, books	2 48
	<hr/>
	157 28
	<hr/>
	<u>\$21,233 41</u>

DEBIT.

(Expenditures.)

Cash, paid Sam Walter Foss, salary as librarian	\$2,500 00
Florence D. Hurter, assistant librarian	800 00
Esther Mayhew, cataloguer	700 00
Edith B. Hayes, assistant cataloguer	600 00
Anna L. Stone, assistant	650 00
Mabel E. Bunker, assistant	733 20
Mary S. Woodman, assistant	650 00
Bessie L. Duddy, assistant	600 00
Nellie M. Whipple, assistant	600 00
Alice W. Sears, assistant	472 96
Florence M. Barber, assistant	600 00
Raymah H. Smith, assistant	133 32
A. Myrtle Merrill, assistant	274 98
Ethel M. Nute, assistant	133 29
Irma R. Christopher, assistant	50 20
F. Stuart Dean, assistant	161 86
Saxton C. Foss, assistant	93 50
Cecil M. Barlow, assistant	121 25
William E. Bagster, assistant	153 45
Stanley H. Bowlby, assistant	21 15
Edgar L. Kaula, assistant	41 70
Harry Benson, assistant	18 30
American Express Co., expressing	37 65
American Library Association, member- ship	5 00
John R. Anderson Co., books	717 44
American Political Science Association, books	3 00
D. Appleton & Co., books	1 22
A. R. Andrews, repairs	4 28
William Abbott, books	10 65
A. L. A. Publishing Board, cards	2 95
George T. Bailey, periodicals	71 32
Cecil M. Barlow, express	50 85
C. M. Blake, periodicals	8 50
Boston Music Co., music books	2 52
George W. Butters, books	2 00
Boston Indexing Bureau, index	3 00
N. J. Bartlett & Co., books	10 89
Boston Book Co., periodicals	36 15
Boston Suburban Express & Parcel Co., expressing	2 15
Brigham Family Association, book	10 00
Mrs. George W. Butters, supplies	70
Bates & Guild Co., pictures	5 00
The Burrows Bros. Co., books	6 25
William E. Bagster, expressing	12 90
Ball Publishing Co., books	2 25
Stanley H. Bowlby, expressing	43 60
R. E. Bisbee, books	12 63
Boston & Maine R. R. Co., express	73
William Henry Baker, book	75
Brown University, book	1 00
F. J. Barnard & Co., binding	12 00
Cedric Chivers, books	126 48
Amount carried forward	<u>\$11,313 02</u>

Amount brought forward	\$11,313 02
Arthur H. Clark Co., books	22 95
C. M. Clark Publishing Co., books	1 00
The College Bindery, binding	718 00
Claude Curtis, agency	100 00
Carter, Rice & Co., supplies	34 50
Chicago Medical Book Co., book	3 15
Charles W. Clark Co., books	57 40
W. B. Clark Co., books	27 80
Myra B. Creeley, books	6 80
Columbia-Webcowit Press, printing	72 50
W. W. Calkin, repairs	38 35
John W. Cadby, books	3 00
Frank W. Collier, books	2 50
Desmond Publishing Co., books	9 75
Oliver Ditson Co., music books	35 13
Dodd, Mead & Co., books	17 53
DeWolfe, Fiske & Co., books	38 62
E. Dowd, books	2 00
Thomas J. Donlan, music books	6 88
Olin S. Davis, supplies	19 00
Department of Commerce and Labor, books	4 00
E. P. Dutton & Co., books	2 00
David Farquhar, binding	549 53
Benjamin F. Freeman, photographs	2 00
Frost & Adams Co., supplies	4 68
Thomas T. Fryer, books	31 00
Forum Publishing Co., periodical	50
Gilman Express Co., expressing	171 45
Government, periodicals	4 00
Thomas Groom & Co., stationery	85 03
Glines & Co., expressing	11 40
W. A. Greenough & Co., books	12 00
Globe Stamp Works, supplies	2 05
Herman Goldberger, periodical	419 66
Gaylord Bros., supplies	1 00
Granite State Publishing Co., periodical	3 00
C. E. Grosvenor, books	2 70
Ginn & Co., books	2 23
William Hall & Co., supplies	3 50
O. S. M. Haskell, agency	265 00
Heaton's Agency, books	1 25
Houghton Mifflin Co., books	38 00
J. L. Hammett Co., books	89 46
Harper & Bros., books	12 60
Walter F. Hall, books	27 75
S. Henry Hadley, books	27 75
R. H. Hinckley Co., books	3 50
H. R. Huntting Co., books	4 25
Information Bureau American Munici- palities, books	2 00
Marshall Jones Co., books	22 40
Jordan Marsh Co., screen	4 00
C. A. Koehler & Co., books	55 17
W. A. Keating, books	4 74
Library of Congress, cards	50 00
Little, Brown & Co., books	2,200 06
George E. Littlefield, books	43 05
Amount carried forward	<u>\$16,692 59</u>

Amount brought forward	\$16,692 59
John B. H. Longfellow, binding	135 00
Charles E. Lauriat Co., books	87 88
Library Bureau, cards	83 95
C. S. Lombard & Co., agency	68 77
Lothrop, Lee & Shepard Co., books	23 26
McDevitt Wilson, books	61 87
Macmillan Co., books	8 11
Medford Historical Society, periodical	1 00
Henry Malkan, books	52 85
Massachusetts Society Mayflower De- scendants, periodical	2 00
Wesley A. Maynard, printing	40 86
Moody Manual Co., book	10 00
A. W. Mann, books	3 28
Thomas B. Mosher, books	75
Joel Munsell's Sons, books	4 50
New England Telephone & Telegraph Co., service	56 40
National Education Association, period- ical	2 00
Nickerson & Collins Co., books	10 00
Nonotuck Press, books	2 00
New England Historical Genealogical Society, books	15 00
Old Corner Book Store, books	41 17
Office, Bank & Library Co., repairs	5 65
Oliver Typewriter Co., supplies	1 22
O'Shea's Book Store, books	2 00
Ontario Publishing Co., books	50
J. D. Pearson, books	18 00
Perham's Express, expressing	21 25
Publishers' Weekly, periodicals	15 00
Eben Putnam, books	3 00
G. P. Putnam's Sons, books	16 24
Publishing Committee Somerville His- torical Society, periodical	3 00
George G. Page Box Co., supplies	8 00
Poor's Railroad Manual Co., book	10 00
Perham's Express, expressing	3 00
Charles H. Pope, books	4 50
Pilgrim Press, periodical	2 50
S. A. Riker, agency	19 70
Charles S. Robertson, insurance	191 25
Harry J. Ramsay, agency	140 00
Ritter & Flebbe, books	3 60
Daniel M. Rice, book	2 50
Register of Copyrights, book	2 00
P. B. Sanford Co., binding	2,293 15
Theo. E. Schulte, books	91 78
Charles Scribner's Sons, books	61 08
Silver, Burdett & Co., books	1 10
Stilphen's Express, expressing	4 40
Somerville Journal Co., printing	383 42
Schoenhof Book Co., books	18 25
Somerville High School Radiator, peri- odical	75
Sampson & Murdock Co., book	12 00
The Science Press, book	15
Amount carried forward	<u>\$20,742 23</u>

Amount brought forward	\$20,742 23	
Small, Maynard & Co., book	1 95	
Somerville Post-office, postage	17 00	
The System Co., books	13 00	
Charles R. Taylor, express	35 70	
Tabard Inn Library, books	7 60	
C. W. Tibbetts, book	1 00	
Trueman H. Thorpe, labor	4 00	
Topsfield Historical Society, books	92	
Thorpe's Express, expressing	25	
Union Library Association, books	55 14	
University of Chicago Press, books	8 30	
Underhill Hardware Co., repairs	3 10	
M. L. Vinal, agency	32 54	
Virtue & Co., periodical	1 00	
Webcowit Press, printing	73 90	
H. W. Wilson Co., periodical	22 00	
John Wiley & Sons, books	6 35	
Helen M. Winslow, books	1 00	
Williams & Neiley, printing	81 45	
Woman's Journal, periodical	1 25	
Alice M. Young, agency	121 73	
Y. M. C. A. Press, book	75	
Zion's Herald, periodical	1 25	
		<u>\$21,233 41</u>

Public Library, Frances A. Wilder Children's Department Fund.

	CREDIT.	
Frances A. Wilder bequest		\$100 00
	DEBIT.	
Balance to credit of account, 1909		<u>\$100 00</u>

Public Library, Frances A. Wilder Children's Department Fund, Investment Account.

	CREDIT.	
Balance to debit of account, 1909		\$100 00
	DEBIT.	
Frances A. Wilder bequest, deposited in Somerville Savings Bank		<u>\$100 00</u>

Public Library, Isaac Pitman Fund, Art.

	CREDIT.	
Balance from 1907		\$1,251 66
	DEBIT.	
Balance to credit of account, 1909		<u>\$1,251 66</u>

Public Library, Isaac Pitman Fund, Poetry.

	CREDIT.	
Balance from 1907		\$1,062 92
	DEBIT.	
Balance to credit of account, 1909		<u>\$1,062 92</u>

Public Library, Isaac Pitman Fund, Income, Art.

CREDIT.	
Balance from 1907	\$89 51
Receipts:—	
Cash, income from invested funds	\$80 00
Interest on deposits	10 14
	90 14
	\$179 65
Balance of account unused, carried to 1909	35 62
	\$144 03

DEBIT. (Expenditures.)	
Cash, paid Brentano's, books	\$2 25
Boston Book Co., periodical	75
T. T. Fryer, books	14 75
C. E. Grosvenor, books	7 00
Bruno Hessling, book	5 00
Charles E. Lauriat Co., books	7 00
C. A. Koehler & Co., books	9 80
Library Art Club, membership	6 00
Little, Brown & Co., books	34 84
Henry Malkan, books	1 65
Ritter & Flebbe, books	7 10
Underwood & Underwood, stereographs	30 89
H. C. White & Co., stereographs	17 00
	\$144 03

Public Library, Isaac Pitman Fund, Income, Poetry.

CREDIT.	
Balance from 1907	\$64 92
Receipts:—	
Cash, income from invested funds	\$20 00
Interest on deposits	2 54
	22 54
	\$87 46
Balance of account unused, carried to 1909	24 29
	\$63 17

DEBIT. (Expenditures.)	
Cash, paid N. J. Bartlett & Co., books	\$20 00
DeWolfe, Fiske & Co., books	11 25
Nathan Haskell Dole, books	2 50
Little, Brown & Co., books	21 42
Old Corner Book Store, books	7 00
Theo. E. Schulte, book	1 00
	\$63 17

Public Library, Isaac Pitman Fund, Investment Account.

CREDIT.	
Balance to debit of account, 1909	\$5,314 58
DEBIT.	
Balance from 1907	\$5,314 58

Public Library, West Somerville Branch.

CREDIT.

Appropriations, from Taxes, 1908	\$1,000 00
Excess and Deficiency account, balance transferred	1 65
	<hr/>
	\$998 35

DEBIT.

(Expenditures.)

Cash, paid John R. Anderson Co., books	\$99 15
Brentano's, books	7 00
Boston Book Co., books	3 50
Burrows Bros. Co., books	1 45
W. B. Clarke Co., books	141 65
Charles W. Clark Co., books	110 20
Albert Britnell, books	16 11
Thomas T. Fryer, books	69 50
C. E. Grosvenor, books	2 00
Henry S. Hadley, music books	27 90
H. R. Huntting Co., books	1 20
Lothrop, Lee & Shepard Co., books	38 21
Library Bureau, cards	11 95
Henry Malkan, books	196 35
McDevitt-Wilson, books	46 18
O'Shea's Book Store, books	3 00
James L. Perkins & Co., books	36 00
Theo. E. Schulte, books	30 30
George A. Whipple, books	1 90
	<hr/>
	\$843 55
Public Library account, books	154 80
	<hr/>
	\$998 35

Public Library Construction, West Somerville Branch.

CREDIT.

Cash, received of Andrew Carnegie, gift	\$14,867 50
---	-------------

DEBIT.

(Expenditures.)

Cash, paid Boston Herald Co., advertising	\$17 50
Charles H. Belledeu, contract	13,000 00
McLean & Wright, contract	1,000 00
Whitten & Jackson, contract	850 00
	<hr/>
	\$14,867 50

Public Property.

CREDIT.

Balance to debit of account, 1909	\$5,302,083 08
---	----------------

DEBIT.

Property and Debt Balance, property ac- quired in 1908	\$70,347 74
Balance from 1907	5,231,735 34
	<hr/>
	\$5,302,083 08

Real Estate Liens.

DEBIT.		
Balance from 1907		\$1,959 20
Taxes, tax of 1902 assessed City of Cambridge		334 56
		<u>\$2,293 76</u>
CREDIT.		
Balance to debit of account, 1909		<u>\$2,293 76</u>

Redemption of Tax Liens.

CREDIT.		
Cash, received of sundry persons, redemption of tax liens		\$1,813 77
Amount accruing to city under Chapter 443, Acts of 1902, carried to City Treasurer account		20 00
		<u>\$1,793 77</u>
DEBIT.		
(Expenditures.)		
Cash, paid sundry persons, redemption of tax liens		<u>\$1,793 77</u>

Reduction of Funded Debt.

CREDIT.		
Balance from 1907		\$14,000 00
Appropriations, from Taxes, 1908		130,000 00
Water Works Income, amount appropriated, Water Bonds		7,000 00
Water Works Income, balance transferred		10,800 62
		<u>\$161,800 62</u>
Excess and Deficiency account, balance transferred		6,185 02
		<u>\$155,615 60</u>
Balance to credit of account, 1909, amount of bonds ma- tured, not presented		4,000 00
		<u>\$151,615 60</u>
Receipts:—		
Commonwealth of Massachusetts, on account of Armory		6,109 30
Cash, received of Boston & Maine Railroad Corporation, gravel	\$606 88	
A. A. Badaracco, et. al., land on Holland street	364 32	
R. L. Day & Co., premium on bonds	2,803 90	
		<u>3,775 10.</u>
		<u>\$161,500 00</u>
DEBIT.		
(Expenditures.)		
Cash, paid bonds maturing in 1908		<u>\$161,500 00</u>

School Contingent.

CREDIT.

Appropriations, from Taxes, 1908	\$28,000 00
Overlay and Abatement account, amount transferred	3,000 00
Excess and Deficiency account, balance transferred	102 38

\$31,102 38

Receipts:—

Commonwealth of Massachusetts, tuition of state wards	190 50
Cash, received of G. A. Southworth, superintendent of schools, tuition of non-resident pupils	\$98 06
damage to property	59 40
Charles S. Clark, superintendent of schools, tuition of state wards	77 91
damage to property	30 00
Somerville Y. M. C. A., books	4 40
C. H. Pearson, tuition	25 00

294 77

\$31,587 65

DEBIT.

(Expenditures.)

Cash, paid Gordon A. Southworth, salary as superintendent of schools	\$2,000 00
disbursements	324 90
Charles S. Clark, salary as superintendent of schools	1,003 00
disbursements	66 96
Cora S. Fitch, assistant	437 50
Cora S. Fitch Bradford, assistant	189 91
Mary A. Clark, assistant	616 66
Mildred A. Merrill, assistant	98 67
Lemuel H. Snow, truant officer	381 43
board of horse	85 00
Justin W. Lovett, truant officer	433 33
Jairus Mann, truant officer	50 00
American Book Co., books	1,966 87
Adams, Cushing & Foster, supplies	3,844 50
American Express Co., expressing	2 10
John A. Avery, disbursements	43 05
Allen, Doane & Co., supplies	24 80
American Newspaper Association, books	85 40
Atkinson, Mentzer & Grover, maps	20 00
Allyn & Bacon, books	268 09
D. Appleton & Co., books	17 30
Mary A. Atherton, books	16 84
Edward E. Babb & Co., books	1,877 64
Baker School Specialty Co., supplies	39 47
Milton Bradley Co., supplies	214 30
George W. Butters, supplies	2 00
F. J. Barnard & Co., binding	804 55
Boston Bank Note Co., diplomas	197 37
C. C. Birchard & Co., supplies	30 65
Brown-Durrell Co., supplies	64 02
Rev. Edwin C. Bolles, address	25 00
Bow-street Methodist Church, use of edifice	150 00

Amount carried forward \$15,381 31

Amount brought forward	\$15,381 31
F. C. Baldwin, disbursements	2 31
Baker & Adamson Chemical Co., sup- plies	109 93
Bausch & Lomb Optical Co., supplies	19 86
Alfred M. Cutler, census	50 40
Harry L. Cutting, services	2 00
L. E. Clayton, supplies	90
T. H. Castor & Co., books	6 99
Chandler & Barber, supplies	126 31
Clark Mfg. Co., ink	51 90
Mary F. Carrick, supplies	7 40
Carter's Ink Co., supplies	11 40
N. H. Crowell, supplies	31 25
C. M. Clark Mfg. Co., books	12 40
E. T. Curtis, supplies	89 75
Columbia Associates, printing	16 00
Columbia-Webcowit Press, printing	216 45
Charles C. Clements Co., engrossing	98 20
James H. Chase, services	15 00
Cambridge Botanical Supply Co., supplies	13 65
Dennison Mfg. Co., supplies	23 06
Dodd, Mead & Co., books	90 00
W. H. Drew & Co., supplies	4 50
Downes Lumber Co., lumber	20 56
E. S. Daniels, piano tuning	25 50
DeWolfe, Fiske & Co., books	148 80
Oliver Ditson Co., books	3 00
E. M. Drury, supplies	12 50
Charles E. Davis, census	20 72
Educational Publishing Co., books	198 66
Emerson College Publishing Depart- ment, books	94 35
George W. Earle, disbursements	25 26
Eimer & Amend, supplies	125 93
Clara Z. Elliot, census	23 36
G. R. Fisk & Co., supplies	34 86
Benjamin F. Freeman, supplies	8 50
J. H. Folkins Co., ink	33 90
W. C. Fickett, census	31 06
Ginn & Co., books	2,580 07
Glines & Co., expressing	96 34
W. A. Greenough & Co., supplies	8 00
Rev. O. P. Gifford, address	25 00
Annie M. Gilcrease, census	62 60
D. C. Heath & Co., books	182 07
J. L. Hammett Co., supplies	369 65
Harvard University, supplies	8 00
J. W. Howard, supplies	5 80
Houghton Mifflin Co., books	146 90
Holden Patent Book Cover Co., supplies	30 96
S. Henry Hadley, orchestra	296 00
S. A. Johnson, disbursements	8 24
Jordan Marsh Co., supplies	29 55
Kenney Bros. & Wolkins, supplies	1,923 11
George F. King & Co., supplies	5 00
L. E. Knott Apparatus Co., supplies	212 43
Harlan P. Knight, disbursements	25 35
LaBree & Bumpus, supplies	32 18
Amount carried forward	\$23,235 23

Amount brought forward	\$23,235 23
Lothrop, Lee & Shepard Co., books	5 97
Howard Lowell & Son, carriage hire	10 00
Robert Luce, address	50 00
William P. Lynch, car fares	5 45
J. B. Lippincott Co., books	21 23
Massachusetts Bible Society, books	6 30
Mitchell Mfg. Co., supplies	7 70
Charles E. Merrill Co., books	105 23
Bunkio Matsuki, supplies	2 60
Middlesex County Truant School, board of truants	705 41
F. W. Martin, engrossing	22 65
C. J. Maynard, supplies	3 40
Wesley A. Maynard, printing	100 69
Henry F. Miller & Sons, piano	250 00
McKinley Publishing Co., supplies	4 06
Marine Biological Laboratory, supplies	9 30
New England Dressed Meat & Wool Co., supplies	2 50
New England Telephone & Telegraph Co., service	155 11
Neostyle Co., supplies	110 30
National Chemical Co., supplies	1 50
A. B. Palmer, disbursements	13 50
W. E. Plumer & Co., supplies	419 35
Rand, McNally & Co., maps	185 25
Remington Typewriter Co., supplies	5 35
A. I. Root Co., supplies	1 30
Silver, Burdett & Co., books	1,602 12
Shattuck & Jones, supplies	83
Smith-Premier Typewriter Co., supplies	82 05
Somerville Journal Co., printing	619 60
Benjamin H. Sanborn Co., books	1,098 99
Sibley & Co., books	38 53
Suffolk Ink Co., supplies	8 00
Somerville Sun, printing	15 00
E. D. Sawyer Lumber Co., lumber	6 12
Oscar W. Short, services	18 00
Schoenhof Book Co., books	143 81
Charles Scribner's Sons, books	90
Charles R. Taylor, expressing	15 75
Thompson, Brown & Co., books	5 15
Thorp & Martin Co., supplies	4 85
Twinlock Co., supplies	12 75
Mary C. Thurston, disbursements	6 75
Underwood Typewriter Co., supplies	11 00
M. L. Vinal, supplies	52 36
Wadsworth, Howland & Co., supplies	717 76
F. S. Webster Co., supplies	9 06
A. J. Wilkinson & Co., supplies	31 29
John M. Woods & Co., lumber	1,211 27
Webcowit Press, printing	22 10
Writer Publishing Co., books	4 15
Whitney & Snow, supplies	100 00
C. A. Watrous, book covers	165 50
Winter-hill Press, printing	78 15
Elisabeth S. Webster, census	48 94
Amount carried forward	<u>\$31,570 16</u>

Amount brought forward	\$31,570 16	
Williams & Neiley, printing	7 65	
Yawman & Erbe Mfg. Co., supplies	6 10	
		<u>\$31,583 91</u>
Public Buildings Maintenance, Schoolhouses account, telephone	1 26	
Public Library account, books	2 48	
		<u><u>\$31,587 65</u></u>

School Teachers' Salaries.

CREDIT.		
Appropriations, from Taxes, 1908		\$280,000 00
Street Lights account, amount transferred		7,000 00
Interest account, amount transferred		2,182 45
		<u>\$289,182 45</u>
DEBIT.		
(Expenditures.)		
Cash, paid salaries as per pay-rolls	\$289,277 51	
(Cash)	95 06	
		<u><u>\$289,182 45</u></u>

Sealer of Weights and Measures.

CREDIT.		
Appropriations, from Taxes, 1908		\$1,500 00
Excess and Deficiency account, balance transferred		9 53
		<u>\$1,490 47</u>
Receipts:—		
Cash, received of John H. Dusseault, fees for weighing		460 86
		<u>\$1,951 33</u>
DEBIT.		
(Expenditures.)		
Cash, paid John H. Dusseault, salary as sealer of weights and measures	\$1,100 00	
disbursements	552 53	
Benjamin S. Abbott, deputy sealer of weights and measures	183 33	
Boston Nickel Plating Co., weights	5 60	
Fairbanks Co., weights	18 00	
W. A. Greenough & Co., directory	4 00	
John J. Hargraves, ink and marking acid	18 25	
John H. Hargraves, ink	3 50	
Hill Press, printing	2 50	
Wesley A. Maynard, advertising	4 00	
New England Telephone & Telegraph Co., service	29 25	
Perham's Express Co., expressing	15	
Pneumatic Hand Stamp Co., stamps	13 52	
Somerville Journal Co., printing	7 00	
C. A. Twitchell & Co., badge	1 25	
R. Woodman Mfg. & Supply Co., lead seals	8 45	
		<u><u>\$1,951 33</u></u>

Sewer Assessments.

CREDIT.

Receipts:—

Cash, received of sundry persons	\$543 04
Balance to debit of account, 1909	4,218 56
	<hr/>
	\$4,761 60

DEBIT.

Balance from 1907	\$2,376 59
Sewers Construction account, assessments levied	2,385 01
	<hr/>
	\$4,761 60

Sewers, Construction.

CREDIT.

Appropriations, from Funded Debt, 1908	\$30,000 00
Sewer Assessments account, assessments levied	2,385 01
	<hr/>
	\$32,385 01
Less balance from 1907	369 01
	<hr/>
	\$32,016 00

Reduced by the following transfers:—

Grade Crossings account	\$1,000 00
Public Grounds, Construction account	1,500 00
	<hr/>
	2,500 00
	<hr/>
	\$29,516 00
Balance to credit of account, 1909	10,832 03
	<hr/>
	\$18,683 97

Receipts:—

Cash, received of Berry & Ferguson, bags	\$232 35
Sidney B. Keene, cement	3 00
George B. Jeffrey, fee for entering sewer	30 34
	<hr/>
	265 69

Stock and labor billed other departments:—

Highways, Maintenance account, cement	\$1,098 67
Sidewalks, Construction account, edge-stones	16 88
	<hr/>
	1,115 55
	<hr/>
	\$20,065 21

DEBIT.

(Expenditures.)

Cash, paid laborers	\$3,626 98
Timothy F. Crimmings, constructing sewer:—	
Myrtle street	21 72
Kent court	303 51
Bowdoin street	416 91
Mystic avenue	1,761 74
College avenue	628 88
	<hr/>
Amount carried forward	\$6,759 74

Amount brought forward	\$6,759 74	
Garfield avenue	2,850 21	
Mallet street and Willow avenue	149 90	
James H. Fannon, constructing sewer:—		
Lowden avenue, etc.	99 33	
Charles A. Kelley, constructing sewer:—		
Park street	147 90	
Tufts College and Powder House boulevard	300 00	
Private lands, etc.	613 98	
William J. McCarthy, constructing sewer:—		
Grant street	200 00	
Bartholomew Burke, constructing sewer:—		
Newbury street	162 26	
Sacramento street	714 19	
F. C. Ayer, lumber	86 11	
Charles E. Berry, ring	3 75	
William H. Casey & Co., bricks	437 69	
Edwin O. Childs, recording	7 45	
Davenport-Brown Co., lumber	2 66	
Eastern Expanded Metal Co., metal	54 72	
Thomas Groom & Co., books	16 50	
Highland Coal Co., cement	261 80	
W. B. Mullen, gravel	28 00	
New England Brick Co., bricks	43 50	
Somerville Iron Foundry, castings	762 83	
W. A. Sanborn & Co., bricks	23 90	
Somerville Journal Co., advertising	12 00	
James Tevlin, teaming	1,014 74	
C. L. Underhill, steps	1 85	
Waldo Brothers, cement and drain pipe	4,336 78	
Frederick B. Witherley, castings	124 18	
I. B. Walker, sharpening	5 95	
		\$19,221 92
City Engineer account, labor	395 00	
Highways, Maintenance account, labor, etc.,	32 90	
Public Grounds account, sand	139 50	
Sewers, Maintenance account, labor	250 76	
Water, Maintenance account, pipe	25 13	
		<u>\$20,065 21</u>

Sewers, Maintenance.

CREDIT.

Water Works Income, amount appropriated	\$12,000 00	
Excess and Deficiency account, balance transferred	1 05	
		<u>\$11,998 95</u>
Receipts:—		
Cash, received of Walter A. Rice, deed	\$1 00	
American Tube Works, labor	29 95	
Waldo Brothers, bags	282 87	
Highland Coal Co., bags	40 75	
Boston Elevated Railway Co., labor, etc.,	2 89	
J. J. McCarthy, old iron	2 70	
D. W. Lewis Co., bags	1 89	
		<u>\$362 05</u>
Amounts carried forward	\$362 05	\$11,998 95

APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 127

Amounts brought forward	\$362 05	\$11,998 95
Berry & Ferguson, bags	66 00	
Bay State Oil Co., part cost of storm drain outlet	50 00	
	<hr/>	478 05
Stock and labor billed other departments:—		
City Engineer account, setting bounds	\$100 00	
Highways, Construction account, labor	10 00	
Sewers, Construction account, labor, etc.	250 76	
	<hr/>	360 76
		<hr/>
		\$12,837 76

DEBIT.
(Expenditures.)

Cash, paid laborers	\$7,366 30	
F. C. Ayer, lumber	8 14	
Charles E. Berry, boiler plate	9 95	
Broad Gauge Iron Works, ball	3 00	
Boston & Maine Railroad Corporation, freight	8 00	
William H. Casey & Co., bricks	79 52	
Cornelius Callahan Co., repairing hose	7 00	
E. W. Danforth, disbursements	36 00	
Davenport-Brown Co., oak	15	
Edson Mfg. Co., diaphragms	10 80	
Fresh Pond Ice Co., damages	19 00	
E. A. Gillett & Sons, sewer rods	32 50	
Thomas Groom & Co., books	16 50	
Gibby Foundry Co., strips	45 00	
William S. Howe, repairing stove	4 13	
Martin & Wood, picking lock, etc.	90	
Hemeon Brothers, labor	17 98	
William Harford, labor and materials	16 00	
A. R. Hyde, rubber boots	56 88	
D. Mahoney, repairing rubber boots	11 75	
Martin & Wood, sharpening	3 80	
George W. Manning, repairing	10 25	
New England Oil Co., oil	14 82	
New England Telephone & Telegraph Co., service	77 59	
M. Norton & Co., hose	\$76 80	
(Cash)	13 25	
	<hr/>	63 55
Somerville Iron Foundry, cast- ings	\$173 29	
(Cash)	27 50	
	<hr/>	145 79
Irwin L. Smith, harness	30 00	
James Tevlin, teaming	4,555 19	
Mildred K. Tevlin, repairing flags	2 25	
C. L. Underhill, manhole steps, etc.	13 10	
I. B. Walker, repairing	34 38	
Whitney & Snow, shovels, etc.	65 31	
John M. Woods & Co., lumber	14 40	
Waldo Brothers, grate, etc.	12 61	
Frederick B. Witherley, castings	31 11	
	<hr/>	\$12,823 65
Highways, Maintenance account, labor and materials	14 11	
	<hr/>	<hr/>
		\$12,837 76

Sidewalk Assessments.

CREDIT.

Receipts:—

Cash, received of sundry persons	\$16,534 58
Balance to debit of account, 1909	7,987 16
	<hr/>
	\$24,521 74

DEBIT.

Balance from 1907	\$6,948 77
Sidewalks, Construction account, assessments levied	17,572 97
	<hr/>
	\$24,521 74

Sidewalks, Construction.

CREDIT.

Appropriations, from Funded Debt, 1908	\$13,000 00
Transferred from Highways, Construction account	6,500 00
	<hr/>
	\$19,500 00
Less balance from 1907	1,036 83
	<hr/>
	\$18,463 17
Sidewalk Assessments account, assessments levied	17,572 97
Receipts:—	
Cash, received of sundry persons, constructing sidewalks	295 38
	<hr/>
	\$36,331 52
Balance to credit of account, 1909	309 13
	<hr/>
	\$36,022 39

DEBIT.

(Expenditures.)

Cash, paid laborers	\$14,133 61
F. C. Ayer, lumber	27 23
Thomas Groom & Co., books	18 50
T. E. Littlefield, lumber	7 33
S. & R. J. Lombard, edgestones and circles	13,434 94
W. A. Sanborn & Co., bricks	2,480 75
	<hr/>
	\$30,102 36
Highways, Maintenance account, use of city teams	4,876 23
Highways, Paved Gutters and Crossings account, bricks	15 00
Public Grounds account, sods	314 31
Sewers, Construction account, edgestones	16 88
Sidewalk Assessments account, assessments,	555 01
Sidewalks, Maintenance account, materials,	142 60
	<hr/>
	\$36,022 39

Sidewalks, Maintenance.

CREDIT.

Appropriations, from Taxes, 1908		\$2,000 00
Transferred from Highways, Maintenance account		2,000 00
		<hr/>
		\$4,000 00
Excess and Deficiency account, balance transferred		1,007 68
		<hr/>
		\$2,992 32
Receipts:—		
Cash, received of John Nolan, bricks		6 00
Stock and labor billed other departments:—		
Highways, Maintenance account, bricks	\$13 85	
Sidewalks, Construction account, bricks	142 60	
	<hr/>	156 45
		<hr/>
		\$3,154 77

DEBIT.

(Expenditures.)

Cash, paid laborers	\$2,325 70	
Thomas Allen, repairing sidewalk	15 00	
William H. Casey & Co., bricks	32 50	
W. A. Sanborn & Co., bricks	369 44	
Homer A. White, edgestones	9 25	
	<hr/>	\$2,751 89
Highways, Maintenance account, use of city teams	394 88	
Public Grounds account, sods	8 00	
	<hr/>	\$3,154 77
		<hr/>

Soldiers' Burials.

DEBIT.

(Expenditures.)

Cash, paid John Bryant's Sons, burials	\$140 00	
Joseph P. Crosby, burial	35 00	
John H. Dusseault, services as burial agent	28 00	
David Fudge & Son, burial	35 00	
John E. Kauler, burial	35 00	
Joseph J. Kelley & Son, burial	35 00	
Murphy & Turnbull, burial	35 00	
Patrick J. McArdle, burial	35 00	
John J. Ross, burial	35 00	
F. M. Wilson, burials	105 00	
	<hr/>	\$518 00
Commonwealth of Massachusetts, amount charged De- cember 31, 1908		\$518 00
		<hr/>
		<hr/>

Soldiers' Monument.

CREDIT.

Balance from 1907	\$19,950 00
Balance of account unused, carried to 1909	11,418 47
	<hr/>
	\$8,531 53

DEBIT.

(Expenditures.)

Cash, paid Boston Elevated Railway Co., special cars	\$24 00	
Benjamin F. Freeman, photograph	1 50	
Gilman Express Co., expressing	15	
Ginn & Co., music	2 55	
S. Henry Hadley, professional services	15 00	
Augustus Lukeman, contract	7,964 00	
Walter T. Littlefield, expenses to New York, and disbursements	105 00	
B. L. Makepeace; blue prints	1 25	
T. F. McGann & Sons Co., cast bronze north point	10 00	
Charles F. Mills, carpentering	3 50	
J. E. L. McLean, carpentering	301 33	
Winter Hill Press, printing	3 25	
Henry A. Wheeler & Co., hire of tent	100 00	
		<u>\$8,531 53</u>

Soldiers' Relief.

CREDIT.

Appropriations, from Taxes, 1908	\$22,000 00	
Excess and Deficiency account, balance transferred	611 77	
		<u>\$22,611 77</u>

DEBIT.

(Expenditures.)

Cash, paid sundry persons as per pay rolls	\$22,659 02	
(Cash)	52 00	
		<u>\$22,607 02</u>
Somerville Coal Co., coal	3 75	
K. W. Wood, envelopes	1 00	
		<u>\$22,611 77</u>

Somerville Hospital.

CREDIT.

Appropriations, from Taxes, 1908	\$5,000 00	
--	------------	--

DEBIT.

(Expenditures.)

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

State Aid.

CREDIT.

Commonwealth of Massachusetts, state aid paid in 1908	\$16,892 00	
---	-------------	--

DEBIT.

(Expenditures.)

Cash, paid monthly pay rolls	\$16,946 00	
(Cash)	54 00	
		<u>\$16,892 00</u>

Street Lights.

CREDIT.

Appropriations, from Taxes, 1908	\$57,000 00
School Teachers' Salaries account, amount transferred	7,000 00
	<hr/>
	\$50,000 00

DEBIT.

(Expenditures.)

Cash, paid Edison Electric Illuminating Co., on account	\$50,000 00
	<hr/>
	<hr/>

Sundry Persons.

CREDIT.

Balance from 1907	\$530 71
Cash, sundry persons, money not called for	168 94
	<hr/>
	\$699 65

DEBIT.

Balance to credit of account, 1909	\$699 65
	<hr/>
	<hr/>

Support of Poor, City Home.

CREDIT.

Appropriations, from Taxes, 1908	\$3,000 00
Excess and Deficiency account, balance transferred	796 23
	<hr/>
	\$2,203 77

Receipts:—

Cash, received of J. Foster Colquhoun, produce	\$3,642 79	
Town of Arlington, board	631 50	
H. E. Fiske Seed Co., produce	91 37	
Charles V. Elkins, aid	60 50	
Ann Conn, aid	46 00	
William E. Veazie, aid	10 00	
Fred L. Hawkins, aid	33 42	
	<hr/>	4,515 58
Health Department, Contagious Disease Hospital account, produce		156 21
		<hr/>
		\$6,875 56

DEBIT.

(Expenditures.)

Cash, paid J. Foster Colquhoun, salary as warden	\$700 00
disbursements	78 40
Mrs. Catherine Colquhoun, matron	350 00
Farm help	951 26
House help	408 67
Andrew Blyth, groceries	39 00
George W. Clatur & Co., groceries	9 90
Clark Brothers Co., groceries	38 39
Chase & Sanborn, groceries	81 81
Rowland Crocker & Son, groceries	58
	<hr/>
Amount carried forward	\$2,658 01

Amount brought forward	\$2,658 01
Chapin Brothers, groceries	41 04
L. M. Dyer & Co., groceries	162 01
J. H. Dickerman, groceries	30 61
Clark Brothers, groceries	9 90
L. C. Fisher & Co., groceries	3 85
George G. Fox Co., groceries	94 95
Goodenough & Co., groceries	10 03
C. D. Gallagher, groceries	3 43
F. J. Hopkins, groceries	117 29
C. F. Hathaway, groceries	50 32
H. P. Hood & Sons, groceries	44 10
Charles A. Holmes, groceries	6 72
E. F. Hicks, groceries	1 50
Amos Keyes & Co., groceries	43 32
National Biscuit Co., groceries	63 93
Newcomb & Paine, groceries	86 55
New England Mfg. Co., groceries	122 10
J. S. Newcomb & Co., groceries	402 69
J. W. Roberts & Co., groceries	409 61
C. L. Stevens, groceries	61 16
F. A. Weldon, groceries	79 34
D. L. Bolger, veterinary services	2 50
Bowers & DeWick, dry goods	9 00
Boston Plate & Window Glass Co., glass	5 35
D. J. Bennett, harness work	5 75
Boston & Maine Railroad Corporation, freight	4 40
Joseph Breck & Sons Corporation, seeds	33 48
H. A. Brownell, repairing harness	1 95
Brown-Durrell Co., clothing	33 87
Cambridge Ice Co., ice	17 85
Henry N. Clark Co., range repairing	3 40
Carlisle-Ayer Co., door and frame	4 30
Chase & Sanborn, coffee	3 63
J. H. Derby, repairing clocks	5 20
Farley, Harvey & Co., blankets	112 56
H. E. Fiske Seed Co., seeds	9 06
Willis S. Furbush & Co., medicine	16 91
Thomas Groom & Co., stationery	4 85
Gilman Express Co., expressing	4 30
D. J. Green & Co., brooms, etc.	11 82
M. J. Gallagher & Co., boxes	3 50
Walter Gordon & Co., pig	10 00
H. E. Gustin, plants	4 58
Hale & Mayhew Co., repairing wagons, Highland Coal Co., lime	5 25
I. N. Holman, sharpening mowers	7 00
Percy A. Hall, medicine	7 30
Hovey & Co., seeds	42 97
Highland Coal Co., lime and cement	1 75
Jordan Marsh Co., kitchen ware	3 90
Dr. Alfred E. Knight, dental work	85 58
George W. Ladd, horseshoeing	2 00
Lord & Webster, hay	39 30
C. W. Lerner & Co., disinfectant	108 19
McGreenery & Manning, tobacco	4 00
Massachusetts State Prison, clothing	44 72
	39 00
Amount carried forward	<u>\$5,201 68</u>

APPENDIX TO TREASURER AND COLLECTOR'S REPORT. 133

Amount brought forward	\$5,201 68
Martin & Wood, sharpening saws	90
New England Telephone & Telegraph Co., service	50 13
Fulton O'Brion, grain	246 51
Terence Owens, newspapers	6 24
Pittsburg Plate Glass Co., glass	2 84
Parry Brick Co., bricks	4 00
Park & Pollard Co., chicken feed	25 43
Proctor Brothers, oats	186 93
George G. Page Paper Box Co., boxes	91 60
W. E. Plumer & Co., hardware	34 93
Joseph J. Pincus, hose	18 75
C. F. Penney, celery plants	7 00
Reuben Ring & Co., medicine	20 75
W. W. Rawson & Co., seeds	1 00
J. E. Richardson, veterinary services	17 00
John P. Squire & Co., shavings	17 50
E. S. Sparrow & Co., hardware	6 78
Parke Snow, dry goods	93 31
E. D. Sawyer Lumber Co., lumber	33 23
Schlegel & Fottler Co., seeds	59 29
Stumpp & Walter Co., seeds	16 47
Sherman & Eberle, seeds	1 18
Shea Lubricator Co., lubricator	1 00
Trueman H. Thorpe, carpentering	109 36
George H. Thayer, boots and shoes	69 05
Nathan Tufts & Sons, grain	68 65
Underhill Hardware Co., hardware	13 30
West Disinfecting Co., disinfectant	11 25
Wilson, Larrabee & Co., dry goods	19 21
William J. Wiley, hardware	79 06
M. F. Wilbur, corn	1 70
I. B. Walker, wagon repairs	66 00
E. Zacharias, hair cutting	2 25

\$6,584 38

Health Department, Collection Ashes and Offal account, offal	287 50
Water, Maintenance account, water pipe	3 68

\$6,875 56

Support of Poor, Miscellaneous.

CREDIT.

Appropriations, from Taxes, 1908	\$13,500 00
Excess and Deficiency account, balance transferred	649 14
	<u>\$14,149 14</u>

Receipts:—

Commonwealth of Massachusetts, support of state paupers	1,178 56
Cash, received of sundry persons, aid	\$453 45
For support of paupers:—	
Town of Arlington	21 43
Town of Ashburnham	21 43
Town of Boylston	8 57
Town of Belmont	23 00

Amounts carried forward \$532 88 \$15,327 70

Amounts brought forward	\$532 88	\$15,327 70
Town of Brookline	22 86	
Town of Clinton	21 43	
Town of Framingham	18 30	
Town of Leominster	52 31	
Town of Milton	1 50	
Town of Rockport	39 44	
Town of Southboro	16 00	
Town of Stow	22 60	
Town of Stoneham	50 21	
Town of Truro	1 00	
Town of Walpole	13 43	
Town of Weston	9 20	
Town of Weymouth	25 29	
City of Boston	542 29	
City of Cambridge	432 51	
City of Chelsea	59 55	
City of Everett	98 52	
City of Fall River	4 60	
City of Gloucester	30 73	
City of Marlboro	13 75	
City of Malden	38 30	
City of Medford	32 73	
City of Northampton	50 00	
City of New Bedford	11 63	
City of Newton	192 73	
City of Salem	7 30	
City of Springfield	60 70	
City of Waltham	87 00	
City of Woburn	19 45	
City of Worcester	105 40	
Massachusetts State Sanatorium, over-charge	12 57	
Boston City Hospital, overcharge	1 43	
		2,627 64
		<u>\$17,955 34</u>

DEBIT.

(Expenditures.)

Cash, paid Charles C. Folsom, salary as agent	\$1,600 00
disbursements	156 44
C. Clarke Towle, M. D., city physician	1,500 00
Cora F. Lewis, secretary	700 00
Florence R. Kenneson, clerical services	44 67
Relief of paupers:—	
City of Boston	1,817 24
City of Cambridge	163 63
City of Chelsea	105 13
City of Haverhill	9 45
City of Malden	23 50
City of Medford	22 94
City of Newton	11 43
City of Salem	16 50
City of Woburn	31 25
City of Worcester	47 14
Town of Attleboro	100 00
Town of Pepperell	263 40
Amount carried forward	<u>\$6,612 72</u>

Amount brought forward	\$6,612 72
Commonwealth of Massachusetts	492 63
Massachusetts Hospital for Epileptics, Massachusetts School for Feeble- Minded	1,044 64
Foxboro State Hospital	1,019 52
Somerville Hospital	240 68
Benjamin W. Goldsmith, board	1,555 73
Edward Hunnewell, board	25 14
E. C. Ingersoll, board	52 31
Maria L. Meserve, board	4 43
Children's Mission, board	52 31
Edith Nutt, board	78 00
Ascenith Sawyer, board	104 59
Emiline K. Willis, board	184 98
H. G. Applin, groceries	52 31
C. E. Barrows, groceries	232 00
Charles S. Butters, groceries	133 00
Mrs. N. R. Barrows, groceries	141 00
James Bartley, groceries	20 50
W. P. Blanchard, groceries	260 50
Edward Coliten & Son, groceries	10 00
F. E. Cheney Co., groceries	281 00
A. F. Carpenter, groceries	64 00
James Davis, groceries	166 00
Dowd & Gorman, groceries	208 00
J. F. Dowd, groceries	20 50
A. T. French, groceries	123 50
Charles F. Giles, groceries	98 00
Grace & Hatfield, groceries	639 50
F. A. E. Jewell, groceries	6 00
M. A. Kimball, groceries	196 00
C. R. King, groceries	102 00
M. D. Lewis, groceries	3 00
D. A. Mackay, groceries	306 00
James H. Maguire Co., groceries	44 50
W. M. McDonald, groceries	119 50
W. E. McNamara & Co., groceries	112 00
J. D. McLellan, groceries	73 00
North Packing & Provision Co., groceries	145 00
T. H. O'Brien, groceries	457 50
A. E. Robie, groceries	2 00
Charles H. Sands, groceries	48 00
R. M. Sturtevant & Co., groceries	534 00
Benjamin E. White, groceries	471 00
Allen Brothers, rubber stamp	26 00
Herbert E. Bowman, medicine	2 25
J. H. Brooks, dry goods	20 85
George W. Butters, year book	2 00
Carter's Ink Co., ink	2 00
Charles W. Dailey, ambulance	1 25
M. Driscoll & Son, burial	35 00
Edward Edwards, medicine	15 00
W. J. Emerson, boots and shoes	70 88
Fresh Pond Ice Co., ice	7 25
W. A. Flaherty & Son, burial	1 70
F. W. Gilbert, boots and shoes	15 00
Thomas Groom & Co., stationery	33 75
	14 53
Amount carried forward	<hr/> \$16,834 45

Amount brought forward	\$16,834 45	
C. H. Goldthwaite & Co., medicine	35 12	
W. A. Greenough & Co., directory	4 00	
G. F. Harvey Co., medicine	59 29	
David H. Hyde, boots and shoes	1 20	
Samuel Hurwitz, boots and shoes	1 25	
Howard Lowell & Son, carriage hire	8 00	
Lincoln & Perry, printing	4 00	
E. S. Merriam, medicine	4 80	
Alfred E. Mann, burials	55 00	
G. F. McKenna, burial	5 00	
Murphy & Turnbull, burial	5 00	
New England Telephone & Telegraph Co., service	111 70	
P. H. Rafferty, burial	15 00	
Somerville Visiting Nursing Associa- tion, nursing	98 50	
Somerville Journal Co., printing	2 25	
Smith-Premier Typewriter Co., repairs	3 55	
Frank A. Teele, fuel	7 31	
Wellington-Wild Coal Co., fuel	699 92	
		<u>\$17,955 34</u>

Suppression of Elm Leaf Beetle.

CREDIT.

Interest account, amount transferred	\$1,000 00
Excess and Deficiency account, balance transferred	1 55
	<u>\$998 45</u>

DEBIT.

(Expenditures.)

Cash, paid laborers	\$763 14
Merrimac Chemical Co., arsenate lead	60 00
Martin & Wood, repairs and tools	4 15
New England Oil Co., oil	19 26
W. E. Plumer & Co., hardware	4 30
A. P. Rockwood, use of horse	65 00
Smith & Thayer, spray pumps	9 00
Underhill Hardware Co., hose	15 50
Asahel Wheeler Co., arsenate lead	24 50
	<u>\$964 85</u>
Highways, Maintenance account, use of city teams	33 60
	<u>\$998 45</u>

Suppression of Gypsy and Brown-Tail Moths.

CREDIT.

Appropriations, from Taxes, 1908	\$4,000 00
Taxes, assessments levied	788 74
Receipts:—	
Cash, received of New England Telephone & Telegraph Co., labor	26 65
	<u>\$4,815 39</u>
Excess and Deficiency account, balance transferred	256 41
	<u>\$5,071 80</u>

DEBIT.
(Expenditures.)

Cash, paid laborers	\$4,172 59	
Boston Elevated Railway Co., car tickets	10 00	
William H. Claffin & Co., burlap	34 97	
Fellows & Co., poles, etc.	19 31	
Frost Insecticide Co., insecticide	31 90	
Thomas Groom & Co., stationery	3 15	
Hale & Mayhew Co., repairing tools	1 50	
Florence Ham, clerical work	50 67	
Mabel E. Hall, clerical work	12 00	
McGrath & Woodley, books and stationery	32 00	
Martin & Wood, repairing tools	12 75	
Merrimac Chemical Co., arsenate lead	73 00	
New England Oil Co., oil	19 13	
W. E. Plumer & Co., supplies	62 25	
A. P. Rockwood, teaming	233 50	
Russell & Co., brooms and soap	19 63	
Somerville Journal Co., printing	111 00	
Somerville Post-office, postage	10 00	
P. Sutherland & Co., creosote oil	10 00	
Underhill Hardware Co., hardware	58 76	
Walsh Brothers, labor and use of teams,	10 74	
G. H. Worcester & Co., wire brushes	5 25	
	<hr/>	
	\$4,994 10	
Highways, Maintenance account, use of city teams	77 70	
	<hr/>	
		<u>\$5,071 80</u>

Taxes.

CREDIT.

Receipts:—

Cash, received for taxes of 1901	\$5 18	
“ “ “ “ 1902	10 98	
“ “ “ “ 1903	14 00	
“ “ “ “ 1904	99 44	
“ “ “ “ 1905	233 64	
“ “ “ “ 1906	1,354 05	
“ “ “ “ 1907	232,134 62	
“ “ “ “ 1908	966,799 41	
	<hr/>	
		\$1,250,651 32

Overlay and Abatement:—

Abatements on taxes of 1901	\$159 00	
“ “ “ “ 1902	1,150 56	
“ “ “ “ 1903	84 28	
“ “ “ “ 1904	144 36	
“ “ “ “ 1905	22 00	
“ “ “ “ 1906	646 00	
“ “ “ “ 1907	2,016 96	
“ “ “ “ 1908 . \$6,963 24		
	71 65	
	<hr/>	
	7,034 89	
	<hr/>	
		11,258 05
Real Estate Liens, Taxes of 1902, City of Cambridge		334 56
		<hr/>
Amount carried forward		\$1,262,243 93

Amount brought forward		\$1,262,243 93
Balance to debit of account, 1909:—		
Being uncollected taxes of 1903	\$2,690 14	
“ “ “ “ 1904	2,764 80	
“ “ “ “ 1905	3,705 10	
“ “ “ “ 1906	4,148 62	
“ “ “ “ 1907	7,108 07	
“ “ “ “ 1908	279,588 50	
		<u>300,005 23</u>
		\$1,562,249 16

DEBIT.

Balance from 1907	\$308,826 36	
Tax Levy, as per assessors' warrant of August 10, 1908	1,237,694 72	
Supplementary warrants, amounts credited to Overlay and Abatement account	15,728 08	
		<u>\$1,562,249 16</u>

Temporary Loans.

CREDIT.

Balance from 1907		\$380,000 00
Cash, borrowed by authority of the Board of Aldermen on notes as follows:—		
City Note No. 665, nine months, 4½ per cent., discounted	\$25,000 00	
City Notes Nos. 666-668, 670, 672-675, 262 days, 4½ per cent., discounted	100,000 00	
City Note No. 664, nine months, 4½ per cent., discounted	50,000 00	
City Note No. 676, seven months, 15 days, 4½ per cent., discounted	25,000 00	
City Note No. 677, 214 days, 4.15 per cent., discounted	25,000 00	
City Note No. 678, eight months, 4.25 per cent., discounted	50,000 00	
City Note No. 679, one year, 4 per cent., discounted	25,000 00	
City Note No. 680, twelve months, 4 per cent., discounted	50,000 00	
City Note No. 681, twelve months, 4 per cent., discounted	50,000 00	
City Notes Nos. 682-685, 244 days, 3.85 per cent., discounted	150,000 00	
City Note No. 686, twelve months, 3¾ per cent.	25,000 00	
City Note No. 687, twelve months, 3.85 per cent.	50,000 00	
City Note No. 688, twelve months, 3¾ per cent.	25,000 00	
City Note No. 690, 36 days, 3 per cent.	50,000 00	
		<u>700,000 00</u>
		\$1,080,000 00

DEBIT.
(Expenditures.)

Cash, paid as follows:—

City Note No. 661	\$30,000 00
City Note No. 662	20,000 00
City Note No. 660	25,000 00
City Note No. 663	30,000 00
City Note No. 647	50,000 00
City Note No. 658	25,000 00
City Note No. 650	25,000 00
City Note No. 651	15,000 00
City Note No. 652	10,000 00
City Note No. 653	25,000 00
City Note No. 648	30,000 00
City Note No. 649	20,000 00
City Note No. 654	50,000 00
City Note No. 659	10,000 00
City Note No. 646	15,000 00
City Note No. 664	50,000 00
City Note No. 666	10,000 00
City Note No. 667	10,000 00
City Note No. 668	10,000 00
City Note No. 670	10,000 00
City Note No. 672	15,000 00
City Note No. 673	15,000 00
City Note No. 674	15,000 00
City Note No. 675	15,000 00
City Note No. 677	25,000 00
City Note No. 690	50,000 00
City Note No. 665	25,000 00
City Note No. 676	25,000 00
City Note No. 678	50,000 00

\$705,000 00

Balance to credit of account, 1909

375,000 00

\$1,080,000 00

Water Loan Interest.

CREDIT.

Water Works Income, amount appropriated \$2,720 00

DEBIT.

Coupons maturing April 1, 1908:—	
\$26,000, six months, 4 per cent.	\$520 00
Coupons maturing July 1, 1908:—	
\$12,000, six months, 4 per cent.	240 00
Coupons maturing October 1, 1908:—	
\$26,000, six months, 4 per cent.	520 00
Coupons maturing January 1, 1909:—	
\$10,000, six months, 4 per cent.	200 00

\$1,480 00

Registered Bonds:—

Interest due April 1, 1908	\$620 00
Interest due October 1, 1908	620 00

1,240 00

\$2,720 00

Water Maintenance.

CREDIT.

Water Works Income, amount appropriated	\$30,000 00
Water Works Extension account, amount transferred	1,549 13
	<hr/>
	\$31,549 13
Water Works Income account, balance transferred	1,012 13
	<hr/>
	\$30,537 05

Receipts:—

Cash, received of sundry persons, costs	\$32 00	
Sundry persons, pipe, fittings, etc.	2,903 20	
Edison Electric Illuminating Co., grounding wires	250 00	
	<hr/>	3,185 20
Stock and labor billed other departments:—		
Highways, Maintenance account, labor	\$58 64	
Highways, Watering Streets account, water posts	234 44	
Public Grounds account, labor	100 69	
Sewers, Construction account, pipe	25 13	
Support of Poor, City Home account, labor,	3 68	
Water Works Extension account, stock	12,932 68	
	<hr/>	13,355 26
		<hr/>
		\$47,077 51

DEBIT.

(Expenditures.)

Cash, paid laborers	\$18,893 26
Frank E. Merrill, salary as water com- missioner	2,300 00
disbursements	184 35
Charles E. Childs, inspector	1,001 71
disbursements	48 45
Lillian E. Leavitt, assistant	900 00
disbursements	8 70
Laura E. Peavey, assistant	700 00
Marion L. Morrison, clerical services	304 00
Josephine M. Briggs, clerical services	32 00
American Express Co., expressing	64 15
Philip Aberle, stamps	403 72
Anderson Coupling Co., fittings	74 67
American Stave & Cooperage Co., tank	17 00
Boston & Maine Railroad Corporation, freight	141 82
Braman, Dow & Co., pipe and fittings	637 31
D. J. Bennett, harness repairs	72 70
Charles Booth, wood	25 00
Brosnihan Wrench Co., wrenches	18 00
Herbert E. Bowman, medicine	7 62
W. B. Brown & Co., guards	12 44
Boston Elevated Railway Co., tickets	25 00
Harold L. Bond Co., tools and packing	27 93
Bay State Oil Co., gasolene	1 00
George F. Blake Mfg. Co., machine work	20 00
J. F. Berton, painting	7 50
	<hr/>
Amount carried forward	\$25,923 33

Amount brought forward	\$25,928 33
Builders' Iron Foundry, reading glass	2 00
Baker Asphalt Paving Co., repairing pavement	19 00
Chapman Valve Mfg. Co., valves, etc.	62 06
Chadwick Boston Lead Co., pipe	240 49
Columbia-Webcowit Press, printing	30 50
William H. Casey & Co., bricks	11 18
Clifford Wagon Co., wagon	125 00
William R. Conard, inspecting pipe	16 04
Churcher Electric & Mfg. Co., aqua-phones	10 32
Cambridge Ice Co., ice	24 87
Hannah Crowley, claim	100 00
Carter's Ink Co., ink	1 13
Julian D'Este Co., brass	186 84
Derby Desk Co., repairs	1 00
F. C. Dinsmore, horse	200 00
Davis & Farnum Mfg. Co., water posts	84 20
Edson Mfg. Co., repairs and tools	26 61
Electric Goods Mfg. Co., wiring	11 67
Elliott Co., punch	60
Fairbanks Co., valves	81 53
Brooks Faxon, repairing motor	15 65
Fitz, Dana & Co., lead	465 18
Fire & Water Engineering, subscription,	3 00
Fred W. Farrar, repairs to clock	3 00
Gilman Express Co., expressing	9 10
Gifford Wood Co., tools	3 70
Globe Gas Light Co., bulbs, etc.	10 01
Thomas Groom & Co., books	57 25
Glines & Co., expressing	55
F. W. Gilbert, rubber boots	23 00
Garlock Packing Co., packing for pump,	3 26
W. A. Greenough & Co., directory	4 00
Groton Ice Co., ice	49 56
use of car, etc.	37 35
Hersey Mfg. Co., meter parts	24 96
Charles R. Hildred, expenses	2 00
William S. Howe, cups and bibb	9 68
Fred M. Hutchinson, expenses	1 50
Henry C. Hunt Co., leather	2 80
Highland Coal Co., cement	19 15
Hubb Wire Cloth & Wire Work Co., wire	2 94
Hale & Mayhew Co., repairing wagon	2 00
H. H. Harvey, hammer	80
Lead Lined Iron Pipe Co., fittings	2,101 37
George W. Ladd, horseshoeing	75 70
Lord & Webster, hay	162 29
T. E. Littlefield, lumber	30 76
Cyril J. Larivee, lumber	7 32
Library Bureau, cabinet, etc.	20 98
C. W. Lerner & Co., disinfectant	23 70
Wesley A. Maynard, printing	31 75
H. Mueller Mfg. Co., fittings	362 40
Timothy A. Murley, labor	2 18
Thomas McNeill, expenses	9 70
Amount carried forward	\$30,741 96

Amount brought forward	\$30,741 96
George F. McKenna & Son, use of wagon	13 50
William M. L. McAdams, supplies	2 00
New England Oil Co., oil	52 93
New England Telephone & Telegraph Co., service	233 07
National Meter Co., meter parts	37 95
Neptune Meter Co., meter parts	63 12
New England Towel Supply Co., use of towels	5 40
M. Norton & Co., hose	45 00
Edward O'Brien, horseshoeing	98 00
Fulton O'Brien, oats, etc.	264 08
Olds Motor Works, castings	2 16
Michael O'Keefe, sand	2 00
George G. Page Box Co., boxes	147 63
W. E. Plumer & Co., supplies	140 91
R. G. Perkins, claim	55 00
Proctor Brothers, oats	364 96
John B. Rufer, horseshoeing	30 50
Rensselaer Mfg. Co., valves	367 80
A. G. Renner, expressing	95
James H. Roberts & Co., machinery	12 02
Richards & Co., lead	85 49
J. E. Richardson, veterinary services	45 00
W. P. Rice, lumber	52 88
Somerville Iron Foundry, castings	373 05
Sanborn Map Co., corrections	20 00
Smith-Premier Typewriter Co., typewriter	92 25
Somerville Journal Co., printing	255 80
Samuel Ward Co., stationery	13 22
E. S. Sparrow & Co., hardware	95
J. P. Sheehan, suit	2 50
Thomson Meter Co., meters	3,005 04
L. H. Truesdell & Co., show card	1 50
J. H. Thompson, use of horse	6 00
Nathan Tufts & Sons, oats	137 82
Fred J. Thomsen, car fares	6 90
Turner & Co., envelopes	20 50
Union Water Meter Co., fittings	2,549 66
Charles L. Underhill, wagon repairs	257 70
Union Glass Co., globes	12 75
Underhill Hardware Co., supplies	86 83
W. H. Vinton, washers	4 00
R. D. Wood & Co., pipe	3,227 77
Henry R. Worthington, meters	3,566 27
Walworth Mfg. Co., tools and fittings	32 24
A. J. Wilkinson & Co., tools, etc.	262 10
Webcowit Press, printing	9 50
Warren Brothers Co., repairing pavement	15 71
R. Woodman Mfg. & Supply Co., wire	29 00
Waldo Brothers, cement	4 50
Samuel Ward Co., office supplies	26 80
Frederick B. Witherley, castings	40 07
Wilkinson Press, charge books	4 35
Williams & Neiley, printing	6 50
Western Electric Co., supplies	2 55

Amount carried forward \$46,943 19

Amount brought forward	\$46,943 19	
Wellington-Wild Coal Co., coal	8 40	
Welch, Dwyer & Grady, wagon	25 00	
Young Machine & Tool Co., machinery parts	2 50	
	<hr/>	
	\$46,979 09	
Highways, Maintenance account, labor and materials	94 67	
Highways, Paved Gutters and Crossings account, bricks	3 75	
	<hr/>	
		<u>\$47,077 51</u>

Water Service Assessments.

CREDIT.

Receipts:—

Cash, received of sundry persons, cost of services laid	\$3,122 77
Transferred to Water Works Extension account	<u>\$3,122 77</u>

Water Works, Abatement on Water Charges.

DEBIT.

(Expenditures.)

Cash, paid sundry persons, money refunded	\$242 04
Transferred to debit of Water Works Income account	<u>\$242 04</u>

Water Works Extension.

CREDIT.

Water Works Income account, amount appropriated	\$15,000 00
Water Service Assessments account, amount transferred	<u>3,122 77</u>
	\$18,122 77
Water Maintenance account, amount transferred	<u>1,549 18</u>
	\$16,573 59
Receipts:—	
Highways, Watering Streets account, water posts	324 60
	<hr/>
	\$16,898 19

DEBIT.

(Expenditures.)

Cash, paid laborers	\$3,151 00
T. F. Crimmings, contract labor	480 20
Bartholomew Burke, contract labor	194 27
Charles A. Kelley, contract labor	128 04
	<hr/>
	\$3,953 51
Public Grounds account, repairing drain	12 00
Water Maintenance account, stock	12,932 68
	<hr/>
	<u>\$16,898 19</u>

Water Works Income.

CREDIT.

Metered Water Charges, last quarter 1908 uncollected		\$24,974 46
Receipts:—		
Cash, received of sundry water takers	\$198,477 15	
Less	10 00	
	<hr/>	
	\$198,467 15	
Less abatements	242 04	
	<hr/>	
		198,225 11
Total income, sales of water		223,199 57
Water Maintenance account, balance transferred		1,012 13
		<hr/>
		\$224,211 70

DEBIT.

Water Maintenance account, amount appropriated	\$30,000 00	
Reduction of Funded Debt, Water Loan Bonds, amount appropriated	7,000 00	
Water Loan Interest, amount appropriated	2,720 00	
Water Works Extension account, amount appropriated	15,000 00	
Sewers Maintenance account, amount appropriated	12,000 00	
Fire Department account, amount appropriated	38,000 00	
Commonwealth of Massachusetts, Metropolitan Water Assessment	108,691 08	
Reduction of Funded Debt account, balance transferred	10,800 62	
	<hr/>	
		\$224,211 70

Table D.—Balances December 31, 1908.

Cash	\$55,109 24
Contingent Fund	5 12
Election Expenses, Commissioner of Public Buildings	359 78
Electrical Department	1,003 63
Fire Department	170 97
Grade Crossings	32,879 52
Health Department	2,380 29
Health Department, Collection of Ashes and Offal	748 97
Health Department, Contagious Disease Hospital Accounts for Collection	1,956 43
Highway Betterment Assessments	7,179 21
Metered Water Charges	24,974 46
Public Buildings Maintenance:—	
City Buildings	1,052 94
Fire Department	107 22
Janitors' Salaries	755 44
Schoolhouses	260 35
Public Grounds	49 99
Real Estate Liens	2,293 76
	<hr/>
Amount carried forward	\$131,287 32

Amount brought forward	\$131,287 32	
School Contingent	102 38	
Sewer Assessments	4,218 56	
Sidewalk Assessments	7,987 16	
Soldiers' Relief	611 77	
State of Massachusetts	18,038 00	
Support of Poor, Miscellaneous	649 14	
Suppression of Gypsy and Brown-Tail Moths	256 41	
Taxes	300,005 23	
Assessors		\$240 03
City Auditor		10 11
City Clerk		205 26
City Engineer		12
City Messenger		65 77
City Solicitor		63 38
City Treasurer		382 94
Coupons		16,725 00
Election Expenses:—		
City Clerk		392 10
Pay of Election Officers		27 00
Registrars of Voters		126 88
Electrical Department, Underground Construction		3,171 87
Executive Department		39 52
Fire Department, Additional Apparatus		59 55
Health Department:—		
Contagious Disease Hospital		4,077 46
Medical Inspection in Public Schools		88 25
Highways:—		
Construction		2,099 80
Maintenance		5,613 98
Shade Trees		33 38
Watering Streets		1,996 18
Inspection of Buildings		68 66
Interest		2,067 97
Military Aid		360 00
Overlay and Abatement		11,563 04
Overplus on Tax Sales		118 13
Police		1,290 46
Printing and Stationery		264 94
Public Buildings Construction, Building Public Buildings		1,680 83
Public Library		1 46
Public Library, West Somerville Branch		1 65
Public Library, Isaac Pitman Fund, Income, Art		35 62
Public Library, Isaac Pitman Fund, Income, Poetry		24 29
Reduction of Funded Debt		10,185 02
Sealer of Weights and Measures		9 53
Sewers, Construction		10,832 03
Sewers, Maintenance		1 05
Sidewalks, Construction		309 13
Sidewalks, Maintenance		1,007 68
Soldiers' Monument		11,418 47
Sundry Persons		699 65
Support of Poor, City Home		796 23
Suppression of Elm Leaf Beetle		1 55
Temporary Loans		375,000 00
	<u>\$463,155 97</u>	<u>\$463,155 97</u>

APPROVAL OF TREASURER'S REPORT.

In Committee on Finance, February 25, 1909.

To the Board of Aldermen of the City of Somerville:—

Gentlemen: The committee on finance presents the report of Edwin L. Pride, expert accountant, as its report as an audit of the books and accounts of the City Treasurer, and recommends that the report of the treasurer be printed in the annual reports of 1908.

Respectfully submitted,

ROBERT M. LAVENDER,	} Committee on Finance.
CHARLES W. ELDRIDGE,	
LESLIE E. A. SMITH,	
PHILIP KOEN,	
CLARENCE A. SMITH,	
RAY R. RIDEOUT.	

In Board of Aldermen, February 25, 1909. Accepted.

FREDERIC W. COOK, Clerk.

REPORT OF THE SCHOOL COMMITTEE.

School Committee Rooms, January 1, 1909.

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.

CHARLES S. CLARK,
Secretary of School Board.

SCHOOL COMMITTEE, 1908.

FREDERICK A. P. FISKE, Chairman
 HENRY H. FOLSOM, Vice-Chairman

MEMBERS.

EX-OFFICIIS.

Term expires
January.

CHARLES A. GRIMMONS, Mayor, 72 Thurston street. 1909
 LEONARD W. COLE, Pres. Board of Aldermen, 5 Homer square. 1909

WARD ONE.

ELMER H. SPAULDING, 44 Tufts street. 1909
 DR. HENRY F. CURTIS, 145 Perkins street. 1910

WARD TWO.

THOMAS M. CLANCY, 52 Springfield street. 1909
 DANIEL H. BRADLEY, 19 Concord avenue. 1910

WARD THREE.

WILBUR S. CLARKE, 40 Vinal avenue. 1909
 GEORGE E. WHITAKER, 75 Walnut street. 1910

WARD FOUR.

GEORGE W. FOSTER, 7 Evergreen avenue. 1909
 CHARLES A. KIRKPATRICK, JR., 27 Sewall street. 1910

WARD FIVE.

J. WALTER SANBORN, 183 Central street. 1909
 HENRY H. FOLSOM, 103 Central street. 1910

WARD SIX.

LEON M. CONWELL, 1 Harvard place. 1909
 FREDERICK A. P. FISKE, 44 Cherry street. 1910

WARD SEVEN.

MRS. HENRIETTA B. H. ATTWOOD, 12 Park avenue. 1909
 DR. GEORGE C. MAHONEY, 97 College avenue. 1910

Superintendent of Schools.

CHARLES S. CLARK.

Office: City Hall Annex, Highland avenue.

Residence: 18 Pleasant avenue.

The Superintendent's office will be open on school days from 8 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.

Superintendent's clerks:—

Mary A. Clark, 42 Highland avenue.

Mildred A. Merrill, 57 Berkeley street.

STANDING COMMITTEES, 1908.

Note.—The member first named is chairman.

High Schools.—Sanborn, Mahoney, Curtis, Clancy, Clarke, Foster, Conwell.

District I.—Spaulding, Curtis, Foster.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—Clancy, Bradley, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Clarke, Whitaker, Curtis.

POPE, BELL, CUMMINGS.

District IV.—Foster, Kirkpatrick, Cole.

EDGERLY, GLINES.

District V.—Sanborn, Folsom, Kirkpatrick.

FORSTER, BINGHAM.

District VI.—Conwell, Fiske, Folsom.

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

District VII.—Mrs. Attwood, Mahoney, Conwell.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Mahoney, Sanborn, Curtis, Clancy, Clarke, Kirkpatrick, Conwell, Grimmons, Cole.

Evening Schools.—Folsom, Whitaker, Fiske.

Finance.—Kirkpatrick, Spaulding, Conwell, Grimmons, Cole.

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

Medical Inspection.—Curtis, Clancy, Mahoney.

Music.—Mrs. Attwood, Curtis, Bradley.

Private Schools.—Clancy, Spaulding, Kirkpatrick.

Repairs of School Buildings.—Fiske, Foster, Folsom.

Rules and Regulations.—Bradley, Folsom, Fiske.

Salaries.—Spaulding, Whitaker, Sanborn.

Supplies.—Clarke, Bradley, Sanborn.

Text-Books and Courses of Study.—Whitaker, Spaulding, Bradley, Kirkpatrick, Folsom, Fiske, Mrs. Attwood.

Vacation Schools.—Conwell, Foster, Mahoney.

REPORT OF THE SUPERINTENDENT OF SCHOOLS.

To the School Committee of Somerville:—

Herewith is submitted the report for the current year which, by your Rules and Regulations, the Superintendent is required annually to prepare as the report of the School Board. Facts of attendance, cost of maintenance and instruction, and other matters of organization are fully set forth in the usual statistical tables. But as my service in the schools began in September and extends over but a small part of the fiscal year, it seems appropriate to confine discussion to general conditions of the schools, and to leave to other occasions suggestions and recommendations.

1.—Summary of Statistics.

Population, United States census, 1890.....	40,117
Population, state census, 1895.....	52,200
Population, United States census, 1900.....	61,643
Population, state census, 1905.....	69,272
Children between five and fifteen years of age, October, 1907, by school census.....	12,298
Children between five and fifteen years of age, October, 1908, by school census.....	12,217
Decrease	81

2.—SCHOOL BUILDINGS.

	1907.	1908.	Increase.
Number of school buildings.....	26	26	0
Number of classrooms.....	279	287	8
Valuation of school property.....	\$1,443,280		

3.—TEACHERS.

	1907.	1908.	Increase.
In high schools.....	57	58	1
In grammar schools.....	161	164	3
In primary schools.....	99	104	5
In kindergartens.....	8	8	0
Total in elementary schools.....	268	276	8
Cadet teachers.....	3	1	—2
Special	9	10	1
Total	337	345	8

4.—ATTENDANCE FOR YEAR.

	1907.	1908.	Increase.
Entire enrollment for the year.....	14,802	15,105	303
Average number belonging.....	11,909	12,159	250
Average number attending.....	11,166	11,458	292
Per cent. of daily attendance.....	93.8	94.2	0.4
High school graduates.....	223	235	12
Grammar school graduates.....	725	742	17

5.—ATTENDANCE IN DECEMBER.

	1907.	1908.	Increase.
Whole number attending.....	14,223	14,640	417
In private schools.....	1,735	1,838	103
In public schools.....	12,488	12,802	314
In high schools.....	1,584	1,663	79
In elementary schools.....	10,710	10,943	233
In kindergarten.....	194	196	2
In first grade.....	1,532	1,572	40
In second grade.....	1,384	1,430	46
In third grade.....	1,375	1,349	—26
In fourth grade.....	1,337	1,307	—30
In fifth grade.....	1,239	1,300	61
In sixth grade.....	1,201	1,211	10
In seventh grade.....	1,022	1,138	116
In eighth grade.....	831	865	34
In ninth grade.....	789	771	—18

6.—COST OF SCHOOL MAINTENANCE.

	1907.	1908.	Increase.
Salaries of teachers.....	\$267,607.11	\$289,190.45	\$21,583.34
Salaries of officers.....	5,500.00	5,210.50	—289.50
Cost of books and supplies..	24,317.33	26,377.15	2,059.82
Cost of light.....	3,760.08	3,830.73	70.65
Cost of janitors' services....	23,999.00	25,245.19	1,246.19
Cost of fuel.....	15,235.43	14,911.94	—323.54
Telephones	433.07	386.02	—47.05
Total cost of day and evening schools	340,852.07	365,151.98	24,299.91
Per capita cost.....	28.62	30.03	1.41
Cost of high school instruc- tion	64,731.50	68,029.27	3,297.77
Per capita cost.....	44.07	43.52	—0.55

7.—MISCELLANEOUS.

	1907.	1908.	Increase.
Paid for new school buildings	\$31,804.34	\$18,271.25	—\$13,533.09
Repairs and permanent improvements	18,007.85	17,792.21	—215.64
Total school expendi- tures	390,664.26	401,215.44	10,571.18
Valuation of city.....	61,527,750.00	63,158,400.00	1,630,650.00
Number of dollars spent to maintain schools out of every \$1,000 of valuation..	5.54	5.78	0.24
Number of dollars spent for all school purposes out of every \$1,000 of valuation	6.35	6.35	0.00

School Census. The usual enumeration of children was begun in September. With the exception of one person, the work was done by the force which made the count last year, thereby making probable a thorough canvass of the city. Following are the returns for this year and a comparison with last year's figures:—

Number of children between five and fifteen years of age October 1:—

	1908.	1907.	Change.
Ward 1.....	2,068	2,008	+60
“ 2	2,443	2,607	—164
“ 3	1,055	1,095	—40
“ 4	1,036	1,001	+35
“ 5	1,989	1,910	+79
“ 6	2,073	2,054	+19
“ 7	1,553	1,623	—70
Total	12,217	12,298	—81

Twelve thousand two hundred and seventeen children between the ages of five and fifteen were reported, a loss of eighty-one since last year. It is noteworthy that the decrease appears in districts where the schools are especially overcrowded, namely, in wards two, three, and seven, while there is an increase in each of the remaining wards.

School Registration. Concurrent with this school census the registration in the public and private schools of children between five and fifteen was 12,363. By adding to this 455, the number of children reported by the census takers as being out of school, the result is 12,818 children between the ages of five and fifteen, a gain of 203 over our last year's registration, and 601 more than the number reported by the census takers this year. Once more, the total number actually in school October 1 is 12,363. This is 146 more than the number of children reported in the school census. Without attempting to explain the discrepancy between the figures of the school census and those of the school registration more than to say that absolute exactness is possible in counting children who are in school, it is clear that there are over 200 children more in the schools this year than last year.

School Attendance. The attendance at the public schools during the year is as follows:—

Whole number enrolled in 1908, 15,105, an increase over last year of 303 pupils.

The average membership is 12,159, an increase over last year of 250 pupils.

Percentage of attendance is 94.2; that of last year, 93.8.

The increase in the annual enrollment is greater than that of the year preceding, and the percentage of attendance is higher than for any year since 1898, except that of 1905.

There were 3,882 cases of tardiness, 288 cases fewer than last year, notwithstanding the fact that the number of pupils is greater. This would indicate that there has been no falling off in the efficiency of the schools as represented by either the attendance or tardiness reports.

Truancy. The truancy for the year amounted to 704 half-days. Last year there were 856 half-days. The balance in this

case, also, is on the right side, being 152 half-days of truancy fewer this year than last. While the membership of the schools has increased, truancy has decreased. This is the smallest record of truancy for several years.

While too great significance must not be attached to this apparent tendency, it may fairly be said that teachers and principals have given close attention to the habits of their pupils, and have promptly ascertained and investigated instances of unexcused absence from school. Their efforts have been ably supplemented by the untiring and efficient service rendered by the truant officer.

In May last death took from the service of the schools Lemuel H. Snow, twenty-two years truant officer. By his long service his figure was familiar to all in any way acquainted with the life of the schools. His influence was felt in works of beneficence in many directions beyond the limits of his official duties. A capable official and an upright man, he is remembered with affection and respect.

The duties of the office of truant officer were assumed in September by Justin W. Lovett. Mr. Lovett has won the confidence of all his associates, and is devoting himself with energy and discernment to the work of preventing truancy and reforming truants.

The following shows the record for the year:—

	1907.	1908.	Increase.
Number of visits to schools.....	474	401	—73
Number of cases investigated.....	499	655	156
Number found to be truants.....	94	155	61
Number sent to the truant school.....	9	6	—3
Paid for board of truants.....	\$597	\$705	\$108

Corporal Punishment. The record for corporal punishment is not essentially different from that of last year, 318 cases being reported, an increase of four. Cases of corporal punishment occurred in every grade from the first to the ninth, inclusive. No cases were reported from the high schools or from the kindergartens. Comparing the record by grades, the smallest number reported is in the ninth grade. The first and eighth have an equal number, and the largest number is from the fifth grade. The third and fourth grades furnished an equal number, while more children in the seventh grade received corporal punishment than was the case in the second grade. One building only reported no cases. Another building had only one case. The highest number of cases reported from any one building is thirty-five, being an average of less than four cases a month for a school of twelve teachers.

Schoolhouses. No material addition or alteration has been made to any of the schoolhouses, nor has a new one been built during the past year. The four-room addition to the

Brown School and the four-room addition to the Hanscom School were completed in January, and were occupied on the twentieth of that month. In other respects conditions have remained very much the same as set forth in recent reports. In many ways the school buildings are in excellent condition, and there are many evidences of care for the comfort and safety of the children. Undoubtedly, however, an adequate provision of money for outlay upon the buildings would result in desirable improvements. Rooms now lighted by artificial means could, in some instances, be provided with windows sufficient to afford an abundance of natural light. Sanitary drinking fountains could be installed and better sanitariums provided. While the immediate making of these and other desirable improvements may be too much to ask or to expect, yet is it not possible by a progressive policy to supply better conditions as money can be made available for them?

While the care of schoolhouses is mainly committed to another department of the city government, nevertheless a large responsibility rests upon the school management to properly provide for the welfare of pupils. More intimate knowledge of their needs comes to the teacher and principal than to any one else. Conditions of light, heat, and ventilation, as well as indications of the physical state of pupils, come immediately to the notice of teachers. It is their duty to be interested and intelligent in making the school environment as safe and wholesome as possible. Recognizing this fact, the Rules of the School Board place upon teachers the regulation of ventilation, temperature, and light of their rooms, and upon principals the scrutiny of the sanitary conditions of schoolhouses. In case of defect in any of these particulars, it is the duty of the school administration to report the same to the proper department of the city government.

It is gratifying to be able to state that the utmost harmony and willingness to co-operate for the interest of the children exists between the department having control of the school buildings and the school department.

School Hygiene. In the seventy-first annual report of the Massachusetts Board of Education there appears from the pen of the secretary of the board, Hon. George H. Martin, an important discussion under the heading "School Hygiene." Referring to the medical inspection law, it is shown that school physicians have been appointed and appropriations made for their work either by the board of health or by the school committee in thirty-one cities of the commonwealth. A large majority of the towns have also made provision for this service. In some places the work is under the entire control of the school committee, who pay the bills and direct the work, while in others this function is exercised by the board of health. The

law calling for the annual examination of the vision and hearing of school children is discussed. The practice recommended by the State Board of Education for taking the tests, the one followed in our schools, is that tests be made by the teachers themselves, and defects, either in vision or hearing, be reported both to the school authorities and to the parents of the children. The report discusses the closure of school in consequence of some infectious diseases, the relation of physical defects to school work, regulations for the guidance of school physicians, the London Congress of School Hygiene, and school hygiene in Germany: The discussion is closed with a summary of essential elements of a proper consideration for school hygiene making the following ultimate demands: School physicians, nurses, examination of all school children as to their physical condition in relation to school work, school clinics, special classes, sanitation of buildings, physical culture, playgrounds and camps, and training of teachers.

Without commenting at this time upon any of these conclusions, it is desirable, at least, to note that the prominence given to this topic in such a report is sufficient evidence of the importance of the subject itself. It is becoming more and more recognized that it is the duty of the school not alone to concern itself to safeguard pupils from exposure to preventable diseases, but also to take whatever measures it can to develop and improve the physical condition of all the pupils. Medical inspection concerns itself at the present time largely in discovering symptoms of approaching disease in time to exclude from the presence of the other pupils one about to become a source of danger. It, also, to a greater or less degree, takes cognizance of the sanitary condition of the school premises, but beyond these efforts there is much to be done. Courses of study, school routine, length of exercises, length of school session, sufficiency of light, heat, and air, suitable furniture adjusted to the individual pupil, all these have an influence upon the health of the child. Every condition of the child's environment, every demand made upon him by the course of study should meet the challenge: What effect has this upon the health of the pupil? If the answer to the challenge is unfavorable, that condition or that requirement should be modified as soon as possible. It will be seen from this brief statement that those charged with responsibility for the schools have reason to give much thought and attention to this subject of recently increased emphasis, school hygiene. My purpose in speaking at such length on this topic at this time is to give the matter notice now, so that as time goes on, additional efficiency may be given in a number of ways to our care for the children. As a closing word on this subject, I am glad to say that in the main the general conditions of our schools are healthful and attractive.

The following gives the results of the eye and ear test:—

EYES.

	1907.	1908.	Change.
Tested	11,255	11,429	+174
Defective	2,434	2,307	-127
Per cent. defective.....	21.6	20.2	-1.4
Notices sent to parents.....	1,171	1,406	
Professionally treated.....	163	350	

EARS.

	1907.	1908.	Change.
Tested	11,786	11,854	+68
Defective	622	496	-126
Per cent. defective.....	5.3	4.2	-1.1
Notices sent to parents.....	350	331	
Professionally treated.....	44	34	

Additional School Accommodations. In the report of the meeting of the School Board on January 27, 1908, appears the following:—

Through its chairman, Dr. Mahoney, the Committee on Additional School Accommodations submitted the following recommendations, prepared during a brief recess taken for the purpose, which were unanimously adopted and referred to the Board of Aldermen:—

1. We recommend that a building of at least twelve rooms for primary and grammar schools be erected in the westerly part of Ward Seven.

2. We recommend that full consideration be given to the needs of additional accommodations for the English High School having reference both to present conditions and to future requirements.

3. We recommend that some provision be made for supplying additional rooms for the relief of the schools in Ward Two.

As no additional accommodations have yet been provided to meet the needs above expressed, the lapse of time has changed the situation only by supplying more pupils to be put into the then crowded buildings. It is not necessary here to cite figures or conditions to demonstrate either the need for these recommendations or their wisdom. They stand to-day as the record of the Board's view of what is required to promote the best interests of the schools in the localities mentioned.

Again, in the meeting on November 30, the Board recognized the urgency for immediate relief for the English High School by taking the action quoted below.

The Committee on Additional School Accommodations reported the following resolutions, which were adopted:—

To accept the report of the High School Committee upon the need of additional accommodations in the English High School as the joint report of that committee and of the Committee on Additional School Accommodations.

That the School Committee urgently request the Mayor and Board of Aldermen to furnish additional accommodations for the English High School, the need of which is imperative.

Voted to refer the request for addition to the English High School to the Mayor and the Board of Aldermen.

The reasons for asking for additional accommodations for the English High School building were fully and carefully stated in the last Annual Report. Since that time both the Latin and the English Schools have increased in membership. There were enrolled in October, 1908, 1,738, an increase over the number of pupils in the two schools in October, 1907, of 124, eighty-eight in the English and thirty-six in the Latin. The average growth of the English High School for a number of years has been fifty-seven. That number added to the October membership will make a membership exceeding the seating capacity of the school. Resulting from such an overcrowded condition are many detrimental effects. Among them are the following:—

Over-large classes.

Unsatisfactory provisions for study.

Insufficient facilities for manual training.

Laboratories planned for school of 500 forced to serve for more than 1,200 pupils.

Insufficient air supply.

Insufficient toilet facilities.

Enforced use of damp and ill-lighted basements in both buildings.

Over-crowding of corridors.

Lack of a commodious hall.

No room for teaching domestic science.

No suitable place for serving school luncheons.

Entire absence of gymnasium or other provision for physical training.

Cramped library facilities.

These are the conditions under which the work of the two high schools is now being conducted. They will continue growing more serious all the time until additions to the plant are made. The Latin School needs all of its original structure and all of the recent addition thereto. The English High School needs more room to properly seat in recitation and study 1,600 pupils, which is by no means an extravagant estimate of the number who will be in attendance upon that school ten years hence, or, were this year's rate of increase maintained, would be in attendance in five years. It needs to have laboratories adequate to do its work in accordance with modern methods. It should have a hall to accommodate at one time all of its pupils. It should have a gymnasium and a properly-located luncheon room. Provision for all the needs of these schools can be made by additions to and re-arrangements of

parts of the present structure. When this is done, the Latin School will be amply accommodated in its own enlarged building. The recent action of the School Committee in recommending an addition to the English High School building gives deserved precedence to this project. Unless such improvement is made, the work of both high schools will be conducted under conditions constantly rendered worse by increasing attendance. An early beginning of the needed enlargement would not bring relief to these high schools during the next school year. Therefore, the problem of carrying on these schools will have become very serious before additions can be provided unless they are begun without long delay.

Changes of Teachers. The most important change of the year in the educational force was the retirement of Mr. Southworth from the office of Superintendent. In accordance with his announcement, Mr. Southworth withdrew from the service of the schools at the end of the school year, after a service of fifteen years as Superintendent, following a period of twenty years as master of the Prescott School. By his strong personality he has made a lasting impression upon the schools of this city. His reputation extends far beyond the limits of the local field. Throughout the Commonwealth he is well known. Appropriate expression of the Board's appreciation of his services was made in the records of the June meeting. Teachers and citizens alike have given public utterance of their high personal regard. It is not necessary or appropriate, therefore, in this place to add to what has already been said in honor of Mr. Southworth, but this simple statement here placed will crown the public manifestation of regard and appreciation for one who has long occupied a conspicuous position in the life of the city, and who has exercised a most potent and useful influence.

During the year the usual number of changes in the corps of teachers has occurred. One teacher of long service and esteemed worth has voluntarily left teaching. Miss Anna M. Bates, having taught in the local schools for more than thirty years, has offered her resignation. While accepting Miss Bates's decision to retire, the Board passed resolutions of regret and made expression of its high regard for her character and service. Of the twenty others who have resigned, seven have entered the service of other cities, where a higher scale of salaries has proven a strong attraction. In this way, year by year, our city loses some of its best teachers. By the same magnet it has to attract those whom it obtains to fill vacancies. The utmost care has been taken to secure the best teaching talent available for the reward offered, experience and professional training having been especially desired. Those who have been so selected are doing their work well, and promise to become elements of strength in our teaching corps. There are now 36 teachers, of whom thirty-four are men.

A new grammar school was made in Ward Six upon the completion of the addition to the Brown School. The position of master was given to George I. Bowden, a graduate of the Eastern State Normal School and of Maine State College, who was taken from the Horace Mann School in Everett. His selection added one more to the number of strong men who are doing work which contributes much of the efficiency of the schools.

Kindergartens. The kindergartens are located in the Hanscom, Bennett, Baxter, and Glines Schools. The entire cost of these kindergartens for the year was \$4,322, or \$23.24 for every child that attended.

The details are as follows:—

	Hanscom.	Bennett.	Baxter.	Glines.	Total.
Enrollment	104	101	103	90	398
Average membership	47	50	47	42	186
Average attendance	40	41	40	39	160
Per cent. attendance	84.5	85.9	84.4	91.7	86.0
Age	4—6	4—7	4—5	4—8	4—6

Evening Schools. On the first Monday in October the following evening schools were opened:—

High School. In the English High School building, G. W. Earle, master.

Elementary Schools. In the Bell School, John S. Emerson, master; Highland School, Charles E. Brainard, master; Prescott School, Charles T. Murray, master.

The enrollment in the elementary schools was slightly less than it was in October, 1907, but interest has been well sustained during the first term, and the average attendance has been higher than for the same time last year.

The high school had ninety more pupils in October, 1908, than it had during the first month of the preceding year. The school was organized in accordance with the plan heretofore followed. A corps of strong teachers has made the work attractive and valuable. Good attendance has been the result, and pupils have progressed satisfactorily.

Cost of the Schools. The total amount spent for the maintenance of the schools of Somerville in 1908 is \$365,151.98. 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 school

telephones. This expenditure is wholly in charge of the city government.

The amount paid for janitors is.....	\$25,245.19
The cost of fuel is.....	14,911.94
The cost of light is.....	3,830.73
The cost of the school telephones is.....	386.02
<hr/>	
A total of.....	\$44,373.88
The cost per capita.....	3.65

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 is the itemized account:—

Officers' salaries.....		\$5,210.50
Books	\$8,617.00	
Stationery	6,614.74	
Laboratory and manual training supplies	2,365.21	
Bookkeeping blanks.....	406.56	
Writing books.....	603.62	
Maps, charts, etc.....	412.31	
Drawing	1,338.11	
Typewriters and supplies.....	97.30	
Printing	928.59	
Telephone	156.37	
Kindergarten supplies.....	386.25	
Truant officer's horse.....	85.00	
Express and postage.....	275.09	
Travel	249.18	
Graduation exercises.....	1,180.24	
Bookbinding	804.55	
Board of truants.....	705.41	
Census	237.08	
Exhibit	91.76	
Book covers.....	196.46	
Piano and tuning.....	275.50	
Miscellaneous	350.82	
<hr/>		
Total for school supplies, etc.....		26,377.15
<hr/>		
Total outlay on school contingent account....		\$31,587.65
Appropriation		28,000.00
<hr/>		
Deficiency		\$3,587.65
Received for damage to school property, tuition of state wards and non-residents, etc.....		488.87
<hr/>		
Net deficiency.....		\$3,098.78

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	\$28,987.26
February	29,429.63
March	28,642.75
April	27,983.25
May	28,181.12
June	27,865.19

September	28,527.00
October	30,239.38
November	30,110.43
December	29,224.44

Total	\$289,190.45
Amount of appropriation.....	280,000.00

Deficiency	\$9,190.45
Credit	8.00

Net deficiency.....	\$9,182.45
---------------------	------------

The estimate of the School Board for teachers' salaries amounted to \$289,760. The expenditure was \$569.55 less.

The total outlay for all school purposes in 1908 was as follows:—

Teachers' salaries.....	\$289,190.45
Administration	5,210.50
Care of schoolhouses.....	44,373.88
School supplies.....	26,377.15

Total for school maintenance.....	\$365,151.98
Paid for repairs.....	17,792.21
Paid for new buildings.....	18,271.25

Total for all school purposes.....	\$401,215.44
------------------------------------	--------------

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

	1903.	1904.	1905.	1906.	1907.	1908.
Teachers' salaries...	\$0.781	\$0.793	\$0.792	\$0.792	\$0.785	\$0.792
Administration	0.013	0.016	0.013	0.016	0.016	0.015
Janitors' salaries...	0.070	0.070	0.070	0.070	0.070	0.070
Heat and light.....	0.067	0.053	0.061	0.052	0.057	0.051
School supplies.....	0.069	0.068	0.064	0.070	0.072	0.072
Total	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000	\$1.000

Per Capita Cost. The proper method of comparison of the cost of schools year by year is to consider the sum spent for each pupil in the average membership. In this computation we exclude the cost of evening schools, the sum being so large as possibly to mislead. The following shows

THE PER CAPITA COST OF DAY SCHOOLS FOR 1907 AND 1908.

	High Schools.			Grammar and Primary Schools.			All Day Schools.		
	1907.	1908.	De-crease.	1907.	1908.	In-crease.	1907.	1908.	In-crease.
Instruction . . .	\$44 07	\$43 52	\$0 55	\$19 24	\$20 64	\$1 40	\$22 30	\$23 58	\$1 28
Supplies	5 44	4 90	0 54	1 52	1 71	0 19	2 01	2 12	0 11
Care	4 21	4 85	+0 64	3 35	3 30	-0 05	3 46	3 50	0 04
Total	\$53 72	\$53 27	\$0 45	\$24 11	\$25 65	\$1 54	\$27 77	\$29 20	\$1 43

Including the cost of maintenance of evening schools, the per capita cost will be as follows:—

	1905.	1906.	1907.	1908.
Cost of instruction.....	\$22.50	\$22.63	\$22.93	\$24.21
Cost of supplies.....	1.74	1.92	2.04	2.17
Cost of care.....	3.63	3.45	3.65	3.65
Total	\$27.87	\$28.00	\$28.62	\$30.03

An examination of these tables shows that we have paid fifty-five cents less for the instruction of each pupil in the high school than in 1907, and fifty-four cents less per pupil for supplies.

The grammar and primary schools have cost \$1.40 per pupil more for instruction, and nineteen cents for supplies. The increased cost of instruction is the result of the raise in teachers' salaries in January, 1908. The increased cost of supplies is due in part to the purchase of supplies for manual training in the ninth grade and to the providing of books and supplies for the new grammar classes at the Brown School.

Considering all day schools together, the increase of cost has been \$1.43, \$1.28 of which is for instruction, eleven cents for supplies, and four cents for the increased cost of the care of school buildings. Adding the cost of evening schools to that of day schools, we increase the cost of instruction by sixty-three cents, the cost of supplies five cents, and the cost of the care of school buildings fifteen cents. This makes the total cost for 1908 \$30.03 per capita, as against \$28.62 for 1907. In 1906 there were seventy-six cities and towns in the Commonwealth in which the per capita cost was larger than it was in Somerville. The cost of maintaining our schools in 1907 was \$5.54 for every thousand dollars of the city's valuation, but there were 145 cities and towns in the state that paid a higher rate. This year the maintenance of the schools in Somerville has taken \$5.78 of the \$12 allowed for the maintenance of all departments in the city.

Manual Training. During the last school year instruction in manual training was given in the first and second year courses in the English High School and in the eighth grade course. A detailed account of the work given in the last Annual Report suffices to show the general scope and plan of the instruction being given this year in the grades named. In September an important extension was made by providing manual training instruction for the boys in the ninth grade. By this addition there is now given to the boys a course of four consecutive years in manual training or shop work. In addition to this, in all grades of the elementary schools and in the high schools work essentially manual training is being done under the direction of the drawing instructors. Taken all together, this is a good provision for this important subject. What is being done

is sound, and will form a solid basis for such extensions as our means and opportunities will permit. It is to be regretted, however, that lack of room prevents opening a course in domestic science for girls in the high school.

Some divergence in the plans and in the results of the several instructors in manual training, due to lack of common direction, was noticed last year. To overcome this defect as far as possible, a conference of the instructors took place in September, and an effort was made to bring into orderly relation the courses to be used. This is a step in the right direction, and should be only a beginning of the systematizing of the manual training work.

The instructors of the ninth grade classes speak in terms of satisfaction concerning the new work in that grade. The exercises provided are such as to employ the skill and experience gained in the preceding year and to make advance in the use of tools and materials and their application. Useful articles such as the following have been made: Penholders, hammer handles, bread boards, knife boxes, towel rollers, pressing boards, and tool racks. The ninth-grade boys attending the manual training school in the Glines building made a cupboard for storing work containing sixty boxes each 12x14x24 inches, a creditable performance for pupils having had but one year's training in the use of tools.

The number of boys attending the manual training classes from the elementary schools has more than doubled, but the work is done in the same centres and with the same instructors as were employed with the smaller number. This result has been brought about by lengthening the school day at the manual training centres from four hours to six, two periods of one and a half hours being given in the morning and two in the afternoon session. While this arrangement makes the period of instruction for each class a half-hour shorter than before, it is a change which is probably not of great detriment to the pupils. Two interesting circumstances attend this solution of the problem of furnishing bench work instruction to the grammar school boys. The first is that while the number taught is more than doubled, the cost of instruction is increased only twenty-seven and three-elevenths per cent. The second is that one-fourth of the work is performed outside the time limits of the elementary school day. Three of the four periods have one half-hour in extension of the school hours. Pupils attending during these periods give one-third the time needed for their lessons. The spirit of the boys is shown by this quotation from a statement of one of the manual training teachers: "The boys are very interested in their work, and I receive numerous requests for permission to work overtime, requests having been made to work on Saturdays and during vacations."

In view of the crowding of school curricula with new

subjects demanding time and attention, the willingness of boys to give of their time to lengthen the school day in order to get the benefit of instruction in manual training is not without interest and significance.

Teachers' Salaries. November 25, 1907, the Committee unanimously adopted recommendations of the Committee on Salaries whereby the salaries of teachers were increased in sums ranging from \$25 to \$50 annually, to take effect January 1, 1908. According to this schedule, the lowest salary to be paid to a regular teacher of the elementary schools is \$300, while the maximum for elementary teachers is \$775. By this action the maximum to be paid to a teacher in elementary schools is higher than ever before in our schools, and is somewhat higher than that paid by many neighboring towns and cities. A provision for an annual increase within certain limits gives teachers who enter the service of the schools at a salary less than the maximum the opportunity to advance through a series of years before reaching the limit. This has proven to be a wise measure, both because it gives teachers a recognition of the justice of their plea for living wages, and also because it has made more probable the holding of the services of our teachers and the securing of a better grade of new teachers. With this increase the maximum salary is still too low either to give a sufficient outlook for the ambitious teacher or to make the business of teaching attractive to young women about to choose for themselves a career. While the minimum salary is often deplored because of its being so small, the real evil is not to be found there, but rather in the insufficient returns which the teaching business gives as its maximum salary. None of our teachers are working for the minimum salary of their grade. It has been the practice in selecting a new teacher to require teaching experience as part of her qualifications. Consequently most of those who come to us begin at a salary nearer the maximum than the minimum. In this connection it is interesting to note the average amount paid to teachers in each of the several classes of service, as follows:—

High school teachers—Men, \$1,606. Women—\$938.

Teachers in elementary grades (including kindergarten teachers and assistants)—\$690.

The salaries paid to teachers in January, 1909, are as follows:—

1 man.....	\$3,000	4 men.....	1,400
1 man.....	2,700	1 man, 3 women.....	1,200
1 man.....	2,000	1 woman.....	1,100
11 men, 2 women.....	1,900	1 man.....	1,050
1 man.....	1,850	12 women.....	1,000
7 men.....	1,700	1 woman.....	950
1 man.....	1,650	23 women.....	900
2 men.....	1,600	3 women.....	850
2 men.....	1,500		

2 women.....	825	6 women (assistants)..	425
1 woman.....	800	4 women (assistants)..	350
17 women.....	775	1 man (laboratory	
7 women.....	725	helper)	300
203 women.....	700	1 woman (kinder-	
9 women.....	650	garten assistant)....	275
10 women.....	600	1 woman (cadet).....	200
2 women.....	525		
3 women.....	500		

Course of Study. The instruction in the elementary schools has been conducted with more or less conformity to a Course of Study published in 1897. The edition has long since been exhausted, and a copy can now with difficulty be obtained. From time to time modifications of the course have been made and issued in circular instruction to the teachers. For this reason it is not easy at the present time for a new teacher either to secure a printed copy of the course or to find the amendments made since it was published. Other reasons exist for preparing a new Course of Study. Methods of treatment and time allowances may properly be changed.

It is therefore desirable in the near future to prepare outlines in the various subjects which will give help and guidance to all teachers in the elementary schools.

The high school Courses of Study have been recently printed, and are satisfactorily meeting the needs of the high school teachers at the present time.

Closing Schools. The normal function of schools is to be open. It is not necessary to defend the discharge of normal duties, but any proposition to close the schools is one to divert the activities of a large organization from their normal course. The burden of sufficiency then rests upon the demand made to close schools for any particular purpose. It is the duty and desire of the school administration to carry on the school work as planned, with as few interruptions as possible. This purpose is strong when a request is made to close schools on a school day. The natural attitude towards such a request is one of scrutiny and reluctance. If the reasons for closing, however, are sufficient to overcome the considerations which make for the regular order, then the schools may properly be closed. In the matter of closing schools on account of storm or severe cold, it is difficult usually to determine whether the stronger reasons are for or against closing. This difficulty arises from the varying conditions, habits, and ages of the pupils who attend the schools. Some can safely endure going to school in weather which is too severe for others. The parents of the former children may be accommodated better by having the school open than by having it closed. If parents who desire to keep their children at home on a stormy day could do so, and parents who want their children to go to school could have that privilege, each parent exercising his prerogative without interfering with any other, there would be few occasions when the schools would

need to be closed because of inclement weather. One other consideration, however, affects the proper determination of this issue. On the way to school in a heavy rain or a severe snow-storm, the clothing of a child may become wet, shoes may be soaked through, and the feet greatly chilled. If there were facilities in the school buildings for drying the clothing and for warming the chilled feet, then many children would be enabled to stay in school with safety who because of lack of such facilities are now sent home, even after they have braved the elements to attend school on a stormy day. This consideration is the one which operates most powerfully with those familiar with school conditions in disposing them to the view that it is better for the children to have no session of the schools when the weather is so severe as to expose them to the risk just stated. No one will contend that it is desirable or safe to permit children to remain inactive in school three hours or more in wet clothing. The inadequate provision for drying clothing makes it necessary to do so, however, when the children come to school wet through, and for one reason or another are not sent home. Recently when the schools were in session on a rainy morning, from several of the school buildings it was necessary to send home a large number of the children immediately after arriving. To the child well clothed, provided with suitable outer garments, with rubbers and an umbrella, the trip to school on a stormy day is often in the nature of a more or less adventurous contest with the elements, but to the child with no overcoat, with thin clothing and worn shoes, with no rubbers and with no umbrella, the situation is entirely different. That child must be provided for; if the school cannot receive him and keep him with safety to himself, it must either close its doors to prevent his coming to school or it must send him home after he arrives in a wet and chilled condition. The difficulty of satisfactorily determining this issue springs largely from a lack of knowledge on the part of the public of the conditions which decide the action of the school administration under circumstances like these. No school teacher or principal desires to close school on these days for the sake of having a holiday, but they do know that, owing to the inability of the school to properly care for the children who come through the storm, it is sometimes better that schools be closed. Certain conclusions from these conflicting statements may properly be reached:—

1. It is desirable to have in every building adequate provision for drying feet and clothing of children who come to school wet and chilled.

2. It is desirable to keep the schools open whenever weather conditions are such as to permit the majority of children to attend in safety.

3. It is desirable to omit sessions of the schools whenever

it can be foreseen that a storm of such severity is impending as to imperil the health of children if they go out to attend school.

4. It is desirable that children whose parents decide to keep them at home on a stormy day for prudential reasons should be permitted by the school to be absent without incurring reproach, or condemnation, or loss of standing in their classes.

Personal. I am unwilling to close this report without making sincere acknowledgment of my obligation to the School Committee and to all of my associates in the school service, to the Mayor, to the city officials, and to the many citizens who in one way or another have given the encouragement of cordial greetings and hearty good will.

Without exception, you have rendered me the utmost consideration and assistance. You have given freely of your time and interest to the welfare of the schools. For such an attitude good works alone fittingly respond.

The teachers and officers of the schools have shown unmistakably a spirit of co-operation and support. Loyal to the Board, they have extended a similar loyalty to the Superintendent. They deserve and have his grateful appreciation.

Respectfully submitted,

CHARLES S. CLARK.

By vote of the Board at the meeting held May 25, 1908, the following was adopted and a copy sent to the family of Mr. Snow:—

The Somerville School Board desires to place on record its appreciation of the character and service of

LEMUEL HARLOW SNOW,

truant officer for twenty-two years, from September, 1886, to May, 1908.

With zeal and efficiency in his work he mingled a geniality and kind-heartedness, a tact and sympathy that led the boys with whom he dealt to feel that, after all, he was their friend, devoted to their highest interests, seeking reformation rather than punishment.

In his death the schools lose a wise and capable officer, the city a worthy and upright citizen, and hosts of friends a warm-hearted and loyal companion.

His life and service will long be held in grateful remembrance.

By vote of the Board at the meeting held January 1, 1909, the following was adopted and a copy sent to the widow of Mr. Spaulding :—

The members of the Somerville School Board, being moved with deep regret at the sudden and untimely death of their former associate,

ELMER H. SPAULDING,

desire to place upon record their appreciation of his public service.

Elected a member of the Board of Aldermen for the three years, 1904 to 1906, inclusive, he devoted his energies to public interests with an intelligence and whole-heartedness which characterized all of his activities. As a private citizen he was ever ready to render help in movements which sought to advance the public welfare, being ready to lead or to follow as occasion might require.

Elected a member of the School Committee from Ward One, he had served from January, 1907, to the day when he passed beyond our sight, a period of nearly two years. Always genial and cordial, his presence was an inspiration to generous feeling. Unsparing of his strength and time, he gave freely to his duties on the Board whatever of thought, and care, and labor they might demand. Although engrossed in the work of a busy life, no school interest made an appeal to him in vain. A kind and affectionate husband, a devoted father, a loyal friend, an active and public-spirited citizen, contributing of his time and ability to the public weal, his life may fittingly be regarded as an example for our youth and as a career worthy of the admiration and approval of his associates.

**AMENDMENTS TO THE RULES OF THE SCHOOL COMMITTEE
MADE SINCE THE PRINTING OF THE LAST EDITION OF THE RULES.**

Regulations for Licensing Minors Under Fourteen Years of Age.

SECTION 167. No minor under the age of fourteen years shall, in any street or public place of the city of Somerville, work as a bootblack, or sell or expose for sale any books, newspapers, pamphlets, fuel, fruits, provisions, ice, live animals, brooms, agricultural implements, hand tools used in making boots and shoes, agricultural products of the United States, or the products of their own labor or the labor of their families, unless he has a minor's license issued to him by the superintendent of schools of said city, for so working or for so selling said articles, nor unless he complies with the terms of said license.

SECT. 168. The principal of the school in which a minor under the age of fourteen years is a pupil shall receive the application, in duplicate, of the parent or guardian of such minor, or next of kin, for a license for such minor to work as a bootblack, or to sell any or all the articles enumerated in the preceding section, and shall forward the same to the Superintendent of Schools, accompanied by the certificate of the teacher in whose class said minor may be, and of the said principal, that such minor is an attendant at such school and that they approve of the granting of a license to said minor. When the Superintendent authorizes the issue of a license, he shall return to said principal one of said duplicate applications, for filing, retaining the other, and shall issue said license to such minor authorizing said minor to go about from place to place in the city of Somerville and on the sidewalks in said city to sell newspapers, or to work as a bootblack, or in the streets and other public places in said city to sell any or all of the other articles enumerated in the preceding section, and shall provide such minor with a suitable badge, for which a charge of twenty cents shall be made. Every such license shall be issued and accepted on the condition that the minor shall comply with the conditions of his license as contained in the following section, and said section shall be printed in the license.

SECT. 169. The minor shall conform to the statutes and the Regulations of the School Committee of Somerville; shall, so long as he continues under the age of fourteen years, attend, during every session thereof, one of the public schools, or some regularly established school in the city of Somerville; shall surrender his license and badge when notified that his license has been revoked, to the principal aforesaid, who shall return the same immediately to the Superintendent; shall not transfer or lend his license or badge, nor furnish any unlicensed minor with

newspapers or other articles to sell; shall not sell newspapers in or on any part of the street other than the sidewalk; shall not sell newspapers in or on a street car, nor, except on the days of national, state, or city elections, after 8 o'clock in the evening; shall not work as a bootblack, or sell newspapers, unless he is over eleven years of age; shall not sell any other article than newspapers, unless he is over twelve years of age; shall not at any time, while engaged in working as a bootblack, or selling articles in public places, congregate with other persons, nor make any unnecessary noise, nor in way disturb or annoy persons as they pass, nor cry their papers on Sunday, nor occupy any stand with any other person, nor allow any unlicensed minor to assist or accompany him, nor allow idle persons to assemble or congregate around him, or around any stand occupied by him, nor so work or sell in any place other than that specified in his license, when a place is so specified, nor at any time, while so working or selling, fail to wear conspicuously in sight the badge furnished to him by said Superintendent, nor fail to exhibit his license to any police or other officer of said city if requested by him to do so. The Superintendent may suspend or revoke said license upon the violation of any of the conditions thereof, and the minor shall surrender his badge and will be subject to a fine.

AMENDMENTS CONCERNING THE EMPLOYMENT OF CADET TEACHERS ADOPTED DECEMBER, 1906.

SECTION 170. Before the opening of the schools in September of each year, the Committee on Text-Books and Courses of Study shall nominate for election by the Board not more than twelve women who shall be designated as cadet teachers, to serve for one year following their appointment, at a salary not to exceed \$200 per year each.

To be eligible for the position of cadet teacher, the candidate must be a graduate of one of the Somerville high schools, and also a graduate either of some state normal school or of some college having pedagogical courses, one or more of which courses the candidate must have taken.

SECT. 171. The cadet teachers shall be assigned by the Superintendent to an equal number of elementary schools, and the assignments shall be changed at the end of each term of thirteen weeks, so that by the close of the school year each cadet teacher will have practiced under the direction and observation of three different principals in three different school buildings.

Cadet teachers shall receive guidance, instruction, and criticism from the principals of the schools in which they serve, render assistance to class teachers or to individual pupils, and when-

ever possible act as substitutes in the absence of regular teachers. They shall receive no increase of pay when acting as substitutes.

SECT. 172. Such of these cadet teachers as secure the recommendation of three out of four of the following officials: the three principals under whom they have served during their cadet year and the Superintendent of Schools, shall be eligible as grade teachers.

MISCELLANEOUS AMENDMENTS.

The following amendments to the Rules were adopted December, 1906:—

On page 6, insert as the twenty-first standing committee “(21) On Medical Inspection.”

On page 12, add as Section 32b the following:—

SECTION 32b. The Committee on Medical Inspection of the schools shall advise and co-operate with the Board of Health in all matters pertaining to the medical inspection of the schools. They shall see that all orders and requests of said Board are properly executed by teachers. The annual test of the sight and hearing of pupils required by Statute shall be made by teachers under direction of this committee.

The following sentence was added to Section 80 of the Rules:—

They shall see that fire drills are practiced in their respective buildings at least once in every two weeks, provided that the weather conditions are suitable.

Section 44 of the Rules was amended by making the first sentence of the second paragraph to read as follows. Adopted April, 1907:—

He shall annually publish and send to each member of the Board a complete list of all books, charts, maps, and globes with the number of each kind belonging to the city.

Section 2 of the Rules was amended by changing “nominated” in the second line to “appointed,” and striking out the second sentence, so that the section reads as follows:—

SECTION 2. The Standing Committees of the Board shall be appointed by a committee consisting of the Chairman and Vice-Chairman, and a third member of the Board to be selected by them.

Adopted March, 1908.

**AMENDMENTS CONCERNING SALARIES OF TEACHERS
ADOPTED SEPTEMBER, 1908.**

Salaries of Teachers.

SECTION 56. The salaries paid to teachers and other employees of the Board shall be as follows:—

High Schools: Teachers in the high schools are designated as head masters, masters, sub-masters, junior sub-masters, and first, second, third, and fourth assistants, who shall be paid in accordance with the following schedule:—

	1st. yr.	2nd yr.	3rd yr.	4th yr.	5th yr.	6th yr.	7th yr.	8th yr.
Head Master	\$2,300	\$2,400	\$2,500	\$2,600	\$2,700	\$2,800	\$2,900	\$3,000
Master	1,800	1,850	1,900	1,950	2,000	....	....	....
Sub-Masters	1,000	1,100	1,200	1,300	1,400	1,500	1,600	1,700
Junior Sub-Masters	1,000	1,050	1,100	1,150	1,200	1,250	1,300	....
First Assistants	1,000	1,050	1,100	1,150	1,200	....	....	....
Second Assistants	900	950	1,000	....	....	....	....	....
Third Assistants	650	700	750	800	850	900	....	....
Fourth Assistants	As may be determined			by vote.		....	....	....

Fourth assistants in the high schools may be appointed by the Board at such salary as it may determine, on recommendation of the standing committee of the high schools.

SECTION 57. *Grammar and Primary Schools.* Teachers in grammar and primary schools shall be paid annual salaries according to the following schedule:—

	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year
Masters	\$1,500	\$1,550	\$1,600	\$1,650	\$1,700	\$1,750	\$1,800	\$1,850	\$1,900
Masters' Assistants	700	725	750	775	....	....	....	....	....
First Eight Grades	375	450	525	600	650	700	....	....	....
Ninth Grade	625	650	675	700	725	....	....	....	....
Head Kindergartners	300	375	450	525	600	....	....	....	....
Assistants not in charge of room ..	200	275	350	425	....	....	....	....	....
Principals, 12-room buildings ..	800	850	900	950	1,000	....	....	....	....
Principals, 10-room buildings	750	800	850	900	950	....	....	....	....
Principals, 8-room buildings	750	800	850	900	....	....	....	....	....
Principals, 6-room buildings	725	775	825	....	....	....	....	....	....
Principals, 4-room buildings	675	725	775	....	....	....	....	....	....

SECTION 58. *Supervisors and Special Instructors,* and other

employees shall be paid annual salaries according to the following schedule:—

	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year
Teachers of Music in high school and upper grammar grades.....	\$1,200	\$1,300	\$1,400	\$1,500	\$1,600	\$1,700	....	....	....
Supervisor of Music in lower grades.....	700	800	900	1,000	....	....	....	....	....
Supervisor of Drawing.....	700	800	900	1,000	....	....	....	....	....
Supervisor of Penmanship.....	800	900	1,000	1,100	1,200	1,300	\$1,400	\$1,500	....
Sewing Teachers.....	500	550	600	650	700	....	....	....	....
Manual Training Teachers, for five hours daily*	1,100	....	....	....	....	....	....	....	....
Permanent Substitutes in grades below the ninth.....	375	450	525	600	650	700	....	....	....
Temporary Substitutes in grades below the ninth.....	1.50	to	2.50	per	day.	....	....	....	....
Temporary Substitutes in high schools, ninth grades, or for principals.....	....	....	3.00	per	day.	....	....	....	....
Substitutes for Masters or Sub-Masters.....	....	....	5.00	per	day.	....	....	....	....
First Truant Officer†.....	1,000	1,100	1,200	1,300	....	....	....	....	....
Second Truant Officer.....	50	....	....	....	....	....	....	....	....
Superintendent of Schools.....	2,500	2,600	2,700	2,800	2,900	3,000	....	....	....
Superintendent's Clerk.....	600	650	700	750	....	....	....	....	....

* \$1,400 for six hours daily.

† He to furnish and maintain his own team.

SECTION 61. The salary of any teacher or other employee of the School Committee shall be fixed by the Committee at the time of election. It may be fixed at the minimum, at the maximum, or at any intermediate sum provided for in the foregoing schedules, except that no teacher shall receive the maximum salary who has not had at least five years of teaching experience. Graduation at a normal school shall be considered equivalent to a year of teaching experience.

Increase of salaries shall commence at the monthly period of payment next succeeding the end of each year of service.

AMENDMENTS CONCERNING VACATIONS AND EVENING SCHOOLS ADOPTED SEPTEMBER, 1908.

SECTION 152. The first term of the evening school shall begin on the first Monday of October and continue ten school weeks. The second term shall begin on the date of the opening of the day schools after the Christmas vacation, and shall continue ten school weeks. The term of any school may be shortened by the Evening School Committee. The sessions of the evening schools shall be held on such evenings as may be determined upon by the Evening School Committee.

SECTION 112. The following shall be the holidays and vacations granted to all the schools:—

Holidays.—Every Saturday; Thanksgiving Day, together with the afternoon preceding and the Friday following it; February 22; Patriots' Day; Memorial Day; June 17. Whenever any holiday falls on Sunday, the schools shall be closed on the following day.

Vacations.—The week in which the 25th of December occurs; the two weeks that separate the last twenty-four weeks of the school year into three terms of eight weeks each; from the close of the school year to the time fixed for its beginning.

The Chairman of the School Committee may dismiss all the schools on extraordinary occasions of general interest.

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 11.45.

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-three 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, \$650, or \$700, according to length of service. Normal training is equivalent to a year's experience, and experience in other places may be counted in determining salary.

Teachers of any grade, with classes numbering fifty, are allowed an assistant at the option of District Committees, 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, elementary science, and sloyd manual training in the two upper grades.

The salaries of grammar school teachers are the same as those of primary teachers. Masters are paid \$1,900, and their assistants \$775. Other ninth-grade teachers are paid \$725. Principals of smaller schools receive \$775, \$825, \$900, \$950, or \$1,000.

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 Com-

mittee. 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 1908 ten 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. Thirty-nine were thus promoted in 1908.

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 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	40.46	13	30.6
1904-5	411	138	76	16,566	40.31	13	31.6
1905-6	431	135	81	16,991	39.42	14	30.8
1906-7	425	122	75	19,243	45.20	15	28.5
1907-8	471	160	94	19,663	41.79	15	31.4

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	103	35,989	48.74	34	21.7
1902-3	747	264	135	36,843	49.32	33	22.6
1903-4	728	264	106	35,426	50.04	33	22.1
1904-5	784	339	135	39,634	50.56	33	23.8
1905-6	893	378	127	39,823	44.60	35	25.5
1906-7	994	402	143	42,862	43.12	39	25.5
1907-8	1,060	457	141	47,228	44.55	42	25.2

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.

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

A simple, healthful, inexpensive lunch is served at the recess midway of the 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 been extended to include the eighth and ninth grades in the grammar schools, two centres having been established with twenty-five sloyd benches each.

The men in charge of the manual training department are paid \$1,600, \$1,400, \$1,200, and \$1,050.

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

Four special teachers are employed, three at salaries of \$700, and one at \$500.

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. 1, 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 \$1,000. 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 sessions 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 326 cases in 1906, 314 in 1907, and 318 in 1908.

Drawing. Two teachers of drawing are employed in the English High School at salaries of \$1,000 and \$850. 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.

Cadet Teachers. Provision has been made for the employment in the elementary schools of not exceeding twelve "Cadet teachers," at a salary of \$200 each. One such teacher is at work at the present time.

The Public Library. The English School has a working library of 1,700 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. One hundred and sixty-five circulating libraries of fresh books are in use in the smaller buildings. As far as they can, the teachers guide 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 three 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, 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 Statutes. 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 \$1,300. Truants are sent to the county truant school at North Chelmsford. There are now fifteen 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 two clerks, who receive \$700 and \$550. 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 5 on school days, and from 8 to 10 on Saturdays.

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.

NAMES OF MEMBERS OF THE SCHOOL BOARD UNDER THE SECOND CHARTER.

January, 1900, to January, 1909.

FROM WARD ONE.

George S. Poole.....	1900-1905	5 yr.
S. Newton Cutler.....	1900-1904	4 yr.
Henry F. Curtis.....	1904-	
William W. Kennard.....	1905-1907	2 yr.
Elmer H. Spaulding.....	1907-1909	2 yr.
Emory F. Chaffee.....	1909-	

FROM WARD TWO.

Edward J. Flynn.....	1900-1905	5 yr.
John H. O'Neil.....	1900-1904; 1905-1907 ..	6 yr.
Daniel H. Bradley.....	1904-	
Thomas M. Clancy.....	1907-	

FROM WARD THREE.

Dana W. Bennett.....	1900-1905	5 yr.
James F. Beard.....	1900-	8 mos.
Alvah B. Dearborn.....	1900-1902	1 yr. 4 mos.
George E. Whitaker.....	1902-	
Wilbur S. Clarke.....	1905-	

FROM WARD FOUR.

William P. Jones.....	1900-1907	7 yr.
George W. W. Whiting.....	1900-1906	6 yr.
Charles A. Kirkpatrick, Jr.....	1906-	
George W. Foster.....	1907-	

FROM WARD FIVE.

J. Walter Sanborn.....	1900-	
Quincy E. Dickerman.....	1900-1906	6 yr.
Henry H. Folsom.....	1906-	

FROM WARD SIX.

Martin W. Carr.....	1900-1901	1 yr.
Frederick A. P. Fiske.....	1900-	
Fred M. Carr.....	1901-1903	2 yr.
Charles H. Hood.....	1903-1907	4 yr.
Leon M. Conwell.....	1907-1909	2 yr.
Leonard H. Pote.....	1909-	

FROM WARD SEVEN.

Henrietta B. H. Attwood.....	1900-	
George A. Miles.....	1900-1904	4 yr.
George C. Mahoney.....	1904-	

(In 1905 the Charter was amended so that the Mayor and the President of the Board of Aldermen become members, ex-officiis, of the School Board.)

MAYORS.

Leonard B. Chandler.....	1905-1906	1 yr.
Charles A. Grimmons.....	1906-1909	3 yr.
John M. Woods.....	1909-	

PRESIDENTS OF THE BOARD OF ALDERMEN.

John J. Higgins.....	1905-1906	1 yr.
Sidney B. Keene.....	1906-1907	1 yr.
Leonard W. Cole.....	1907-1909	2 yr.
Charles A. Burns.....	1909-	

CONTENTS OF APPENDIX.

Concerning Finance.

No. of Table

1. Schedule of school property
2. Cost of maintaining schools, 1908
3. Cost per capita of maintaining schools, 1908
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 1908
9. Statistics of the high schools, for school year 1907-1908
10. Pupils by grades, December, 1908
11. Separate statistics for grammar and primary schools, 1908
12. Admissions to first grade in September
13. Number of grammar school graduates, 1908
14. Truant statistics
15. Evening school statistics, 1907-1908
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, 1908

Concerning Teachers.

20. Resignations of teachers, 1908
21. Teachers elected in 1908
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, 1908
26. High school graduation exercises, 1908
27. Grammar school graduation exercises, 1908
28. Organization of school board for 1908
29. Teachers in service January, 1908
30. Officers in service January, 1908
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	.....	\$91,500	1871	37	8 rooms added 1906
2	English High	b19	.....	137,600	1895	13	
3	Prescott	12	22,000	66,250	1867	41	
4	Knapp	13	24,517	50,340	1889	19	4 rooms added 1894
5	Pope	12	27,236	80,860	1891	17	
6	Bell	12	22,262	45,340	1874	3	
7	Edgerly	12	24,000	44,250	1871	37	{ 4 rooms added 1882 4 rooms added 1892
8	Glines	14	28,800	80,800	1891	17	5 rooms added 1896
9	Forster	18	30,632	85,350	1866	42	6 rooms added 1899
10	Bingham	16	35,586	60,000	1886	22	{ 4 rooms added 1894 8 rooms added 1904
11	Carr	17	20,450	53,800	1898	10	
12	Morse	12	29,000	48,200	1869	39	6 rooms added 1890
13	Highland	12	23,260	60,560	1880	28	4 rooms added 1891
14	Hodgkins	14	35,034	71,550	1896	12	
15	Bennett	12	17,000	59,248	1902	6	
16	Hanscom	10	12,756	72,840	1897	11	4 rooms added 1907
17	Brown	10	20,093	64,701	1901	7	4 rooms added 1907
18	Proctor	9	18,000	41,029	1905	4	
19	Burns	8	16,080	34,700	1886	22	4 rooms added 1899
20	Lowe	8	21,650	51,826	1903	5	
21	Baxter	6	11,000	32,956	1901	7	
22	Perry	6	46,080	37,000	1899	8	
23	Davis	4	30,155	22,720	1884	24	
24	Cummings	4	11,300	11,920	1884	24	
25	Durell	4	13,883	19,720	1894	14	
26	Lincoln	4	17,662	18,220	1885	23	
	Total	281	.....	\$1,443,280	....	..

(a) Besides a recitation room, a physical laboratory, two teachers' rooms, an assembly hall, a library and a principal's office.

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

TABLE 2.—COST OF MAINTAINING SCHOOLS, 1908.

SCHOOLS.	Teachers.	Care.	Supplies.	Total.
Latin High . . .	\$20,020 14	\$2,884 69	\$1,414 22	\$24,319 05
English High . . .	48,009 13	4,695 40	6,237 97	58,942 50
Prescott	11,294 69	1,444 41	892 74	13,631 84
Knapp	11,842 16	1,643 53	986 44	14,472 13
Pope	11,280 20	1,692 62	963 79	13,936 61
Bell	11,164 44	1,333 48	942 74	13,440 66
Edgerly	11,325 60	1,374 22	888 23	13,588 05
Glines	11,876 73	2,017 72	816 63	14,711 08
Forster	15,813 22	3,328 59	1,105 28	20,247 09
Bingham	14,152 36	1,879 04	969 86	17,001 26
Carr	14,745 72	2,040 41	839 28	17,625 41
Morse	11,656 30	1,574 12	1,090 88	14,321 30
Brown	9,204 03	1,300 37	1,382 99	11,887 39
Highland	11,071 31	1,856 15	1,121 94	14,049 40
Hodgkins	12,809 82	1,575 65	1,311 98	15,697 45
Bennett	10,223 09	1,533 84	662 06	12,418 99
Hanscom	7,383 28	1,215 88	657 63	9,256 79
Proctor	7,111 12	1,256 88	561 54	8,929 54
Burns	6,472 15	1,198 18	437 27	8,107 60
Lowe	6,448 29	1,182 52	510 60	8,141 41
Baxter	5,480 43	970 31	466 83	6,917 57
Perry	4,864 56	1,065 10	549 81	6,479 47
Davis	3,063 15	884 99	150 70	4,098 84
Cummings	3,039 68	940 47	247 98	4,228 13
Durell	3,011 18	797 13	225 06	4,033 37
Lincoln	3,401 56	889 56	302 25	4,593 37
Evening	7,636 61	1,798 62	640 45	10,075 68
Totals	\$294,400 95	\$44,373 88	\$26,377 15	\$365,151 98

TABLE 3.—PER CAPITA COST OF MAINTAINING SCHOOLS, 1908.

SCHOOLS.	Teachers.	Care.	Supplies.	Total.
Latin High . . .	\$41 71	\$6 01	\$2 95	\$50 67
English High . . .	44 33	4 34	5 76	54 43
Prescott	21 76	2 78	1 72	26 26
Knapp	20 49	2 84	1 71	25 04
Pope	22 29	3 35	1 90	27 54
Bell	21 76	2 60	1 84	26 20
Edgerly	22 08	2 68	1 73	26 49
Glines	22 24	3 78	1 53	29 45
Forster	21 00	4 42	1 47	26 89
Bingham	20 75	2 76	1 42	24 93
Carr	20 83	2 88	1 19	24 90
Morse	22 37	3 02	2 09	27 48
Brown	21 11	2 98	3 17	27 26
Highland	21 21	3 56	2 15	26 92
Hodgkins	21 24	2 61	2 18	26 03
Bennett	20 49	3 07	1 33	27 17
Hanscom	18 79	3 10	1 67	26 11
Proctor	19 17	3 39	1 51	24 07
Burns	18 18	3 37	1 23	22 78
Lowe	18 22	3 34	1 44	23 00
Baxter	19 10	3 38	1 63	27 84
Perry	18 71	4 10	2 11	24 92
Davis	19 39	5 60	95	25 94
Cummings	19 36	5 99	1 58	26 93
Durell	17 01	4 50	1 27	22 78
Lincoln	17 35	4 54	1 54	23 43
High schools	\$43 52	\$4 85	\$4 90	\$53 27
Gram. and primary . .	21 36	3 47	1 77	26 60
All schools	24 21	3 65	2 17	30 03
Gram. and prim. with- out evening schools . .	20 64	3 30	1 71	25 65
All schools without evening schools . . .	23 58	3 50	2 12	29 20

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.
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
1906	11,762	266,197	2,875	14,162	23,143	22,969*	329,346
1907	11,909	273,107	3,760	15,236	23,999	24,750*	340,852
1908	12,159	294,400	3,831	14,912	25,245	26,763*	365,151

*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.
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
1906	22 63	3 45	1 92	28 00	60,371,500	.00546
1907	22 93	3 65	2 04	28 62	61,527,750	.00554
1908	24 21	3 65	2 17	30 03	63,158,400	.00578

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.
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
1906	38,457	11,951	329,346	379,754
1907	31,804	18,008	340,852	390,664
1908	18,271	17,792	365,151	401,214

TABLE 7.—POPULATION AND SCHOOL CENSUS.

1842	1,013	1880	24,985	1902	65,273
1850	3,540	1885	29,992	1903	67,500
1860	8,025	1890	40,117	1905	69,272
1865	9,366	1895	52,200	1906	70,875
1870	14,693	1900	61,643	1907	72,000
1875	21,594	1901	63,000	1908	75,500

SCHOOL CENSUS.

No. of children between 5 and 15 years of age October 1,

	1907.	1908.	Change.
Ward 1	2,008	2,068	+60
Ward 2	2,607	2,443	-164
Ward 3	1,095	1,055	-40
Ward 4	1,001	1,036	+35
Ward 5	1,910	1,989	+79
Ward 6	2,054	2,073	+19
Ward 7	1,623	1,553	-70
Total	12,298	12,217	-81
In public schools	10,525	10,715	+190
In private schools	1,598	1,648	+50
Out of school	492	455	-37
Total	12,615	12,818	+203

Number of compulsory school age, 7 to 14:—

According to census, males	4,390	8,759
females	4,369	
In public schools, males	3,791	7,401
females	3,610	
In private schools, males	516	1,218
females	702	
Total in school		8,619

Number of illiterate minors	14
Children under 7 out of school	301
" between 7 and 14 out on account of sickness	55
" 14 years old at work	85
Total number out of school	441

TABLE 8.—ATTENDANCE OF THE PUBLIC SCHOOLS, 1908.

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.
15	Latin High	506	480	459	95.7	477	503	
24	English High	1,150	1,083	1,030	95.1	1,088	1,160	
12	Prescott	674	519	492	94.9	550	505	41.7
13	Knapp	705	578	551	95.3	594	609	47.2
12	Pope	598	506	478	94.5	508	541	45.0
12	Bell	621	513	485	94.5	533	533	41.0
12	Edgerly	622	513	480	93.6	536	526	44.0
13	Glines	681	534	505	94.6	534	572	44.0
18	Forster	932	753	705	93.6	771	792	44.0
16	Bingham	830	682	639	93.7	679	738	44.9
17	Carr	861	708	666	94.1	718	741	43.6
12	Morse	647	521	491	94.3	543	530	44.1
10	Brown	548	436	412	94.5	429	471	47.1
12	Highland	590	522	504	96.6	536	541	45.1
14	Hodgkins	742	603	579	95.9	619	624	44.6
12	Bennett	648	499	458	91.8	493	510	46.4
10	Hanscom	539	393	364	92.6	370	459	45.9
9	Proctor	486	371	347	93.4	392	367	40.7
8	Burns	480	356	333	93.5	384	357	44.6
8	Lowe	483	354	328	93.0	354	387	48.3
6	Baxter	460	287	266	93.0	299	306	51.0
6	Perry	348	260	244	94.0	254	301	50.0
4	Davis	219	158	145	92.0	160	165	41.2
4	Cummings	205	157	146	93.3	153	163	40.0
4	Durell	246	177	166	94.0	181	185	46.3
4	Lincoln	284	196	185	94.2	203	216	54.0
287	Total	15,105	12,159	11,458	94.2	12,358	12,802	44.9
279	Total for 1907	14,802	11,909	11,166	93.8	12,133	12,518	45.9

TABLE 9.—STATISTICS OF HIGH SCHOOLS FOR SCHOOL YEAR, SEPTEMBER 11, 1907, TO JUNE 30, 1908.

	Latin.	English.
Number of teachers	15	42
Number of days school kept	181	181
Number enrolled	496	1,189
Average number belonging	470.5	1,060.1
Average daily attendance	449.0	1,004.3
Per cent. of attendance	95.4	94.7
Tardiness	313	438
Dismissals	381	259
In Class I. September, 1907	160	457
June	148	365
Per cent. of loss	7	20.1
In Class II. September, 1907	111	316
June	104	263
Per cent. of loss	6.0	16.8
In Class III. September, 1907	107	215
June	101	190
Per cent. of loss	6	11.6
In Class IV. September, 1907	101	170
June	98	149
Per cent. of loss	3	12.4
Special students, September, 1907		13
June		6
Total, September, 1907	479	1,171
June	451	973
Per cent. of loss	6.0	16.9
Number of graduates, male	35	52
Number of graduates, female	59	89
Total	94	141
Average age, male	18-5	18-10
Average age, female	18-6	18-10
Number entering college	50	4
Number of graduates entering technical schools		9
Number of graduates entering normal schools	5	10
Cost of instruction	\$19,662 50	\$47,228 25
Cost of supplies	1,126 78	6,854 37
Total cost	20,789 28	54,082 62
Per capita cost of instruction	41 79	44 55
Per capita cost of supplies	2 39	6 47
Total cost per capita	44 19	51 02

TABLE 10.—PUPILS BY GRADES, 1908.

SCHOOL.	GRADE.	TEACHERS.			PUPILS.			Average Age.		Never in School Before.	From Other City Schools.	From Other Schools.
		Men.	Regular.	Assistants.	Boys.	Girls.	Total.	Years.	Months.			
Latin	Thirteenth . . . . .	.....	.....	.....	39	65	104	18	4	.....	2	3
	Twelfth . . . . .	.....	.....	.....	40	60	100	17	12	.....	5	5
	Eleventh . . . . .	.....	.....	.....	67	76	143	16	1	.....	6	2
	Tenth . . . . .	.....	.....	.....	82	74	156	15	2	.....	149	15
	Total	6	9	.....	228	275	503	.....	.....	.....	161	25
English	Special . . . . .	.....	.....	.....	3	7	10	19	8	.....	.....	.....
	Thirteenth . . . . .	.....	.....	.....	63	119	182	18	4	.....	.....	2
	Twelfth . . . . .	.....	.....	.....	85	133	218	17	4	.....	4	2
	Eleventh . . . . .	.....	.....	.....	134	175	309	16	2	.....	3	17
	Tenth . . . . .	.....	.....	.....	180	261	441	15	5	.....	417	43
Total	13	30	.....	465	695	1,160	.....	.....	.....	424	64	
Total high school	19	39	.....	693	970	1,663	.....	.....	.....	585	89	
Grammar	Ninth	11	21	.....	366	405	771	14	7	.....	20	38
	Eighth . . . . .	.....	20	.....	431	434	865	13	9	.....	56	51
	Seventh . . . . .	.....	26	1	559	579	1,138	12	8	.....	123	114
	Sixth . . . . .	.....	28	2	623	588	1,211	11	10	.....	203	152
	Fifth . . . . .	.....	28	.....	671	629	1,300	10	9	.....	225	157
	Fourth . . . . .	.....	30	1	691	616	1,307	9	8	.....	254	189
Total grammar	11	153	4	3,341	3,251	6,592	.....	.....	.....	881	701	
Primary	Third . . . . .	.....	29	1	665	684	1,349	8	8	.....	192	186
	Second . . . . .	.....	30	2	726	704	1,430	7	4	.....	190	197
	First . . . . .	.....	34	4	833	739	1,572	6	2	1,2 58	132	204
	Total primary . . . . .	.....	93	7	2,224	2,127	4,351	.....	.....	1,258	514	587
Total grammar and primary	11	246	11	5,565	5,378	10,943	.....	.....	1,258	1,395	1,288	
Kindergarten . . . . .	.....	4	4	98	98	196	4	6	.....	.....	.....
Special teachers	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cadets . . . . .	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand totals	34	296	15	6,356	6,446	12,802	.....	.....	1,258	1,980	1,377	

TABLE 11.—PUPILS IN HIGH AND GRAMMAR SCHOOLS.

	High Schools.	Grammar and Primary Schools.	Kinder- gartens.	Total.
Annual enrollment	1,656	13,051	398	15,105
Average membership	1,563	10,410	186	12,159
Average attendance	1,489	9,809	160	11,458
Per cent. of attendance	95.3	94.2	86.0	94.2
Number cases of tardiness	709	3,173	...	3,882
Number cases of dismissal	638	2,133	...	2,771
Number cases of punishment . . . .	...	318	...	318
Membership, January, 1908	1,565	10,600	193	12,358
Membership, December, 1908	1,663	10,943	196	12,802

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

SCHOOL.	1904.	1905.	1906.	1907.	1908.	SCHOOL.	1904.	1905.	1906.	1907.	1908.
Prescott . . .	63	78	72	61	33	Forster . . .	76	48	74	77	73
Hanscom . . .	38	47	33	39	75	Bingham . . .	78	80	83	70	84
Davis	42	42	22	39	35	Carr	59	59	40	64	65
Bennett . . .	92	81	125	94	99	Morse	67	56	64	53	57
Baxter	38	53	42	59	46	Proctor . . .	.....	49	61	48	55
Knapp	50	43	40	35	39	Durell	38	45	39	43	38
Perry	50	58	42	51	42	Burns	58	50	53	43	45
Pope	40	33	28	28	30	Brown	26	42	52	57	73
Bell	38	36	38	35	38	Highland . . .	.....	.....	.....	.....	.....
Cummings . .	37	43	46	40	34	Hodgkins . . .	51	43	55	43	54
Elderly . . .	40	34	38	39	33	Lincoln . . .	38	40	51	52	57
Glines	48	70	63	63	60	Lowe	89	89	75	72	93

TABLE 13.—GRAMMAR SCHOOL GRADUATES, 1908.

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	44	6	38	1	12	2	17	3	29
Knapp	66	3	63	0	8	2	36	2	44
Pope	64	12	43	1	10	6	18	9	28
Bell	51	0	51	0	13	1	32	1	45
Edgerly	50	11	36	1	9	3	25	4	34
Glines	42	8	29	2	3	2	19	4	22
Forster	71	9	61	1	21	7	29	8	50
Bingham	36	9	24	0	2	5	13	5	15
Carr	58	2	51	0	9	2	35	2	44
Morse	71	21	41	2	3	11	32	13	35
Brown	40	6	34	0	6	5	20	5	26
Highland	8	7	77	2	27	2	45	4	72
Hodgkins	61	11	47	1	5	6	35	7	40
Total	742	105	595	11	128	56	356	67	484

TABLE 14.—TRUANT STATISTICS.

	1902.	1903.	1904.	1905.	1906.	1907.	1908.
Number visits of officer to schools	435	525	429	567	511	474	401
Absences investigated	384	521	387	514	502	499	655
Cases of truancy	163	152	146	150	151	94	155
Truants arrested . . . . .	..	24	8	7	11	14	11
Sent to truant school	6	9	5	4	6	9	6
Number now in truant school	9	5	5	8	10	18	15

TABLE 15.—ATTENDANCE IN ELEMENTARY EVENING SCHOOLS, SEASON OF 1907-1908.

		Prescott.	Bell.	Highland.	Total.
Enrolled	Male	52	597	122	771
	Female	29	93	25	147
	Total	81	690	147	918
Ave. membership	Male	44	263	72	379
	Female	24	48	15	87
	Total	68	311	87	466
Ave. attendance	Male	37	200	57	294
	Female	23	34	12	69
	Total	60	234	69	363
Per cent. Att. out of No. belonging . . . . .	. .	88.2	75.2	79.3	77.9
Per cent. Att. out of No. enrolled . . . . .	. .	74.0	33.9	59.2	38.4
Ave. No. of teachers	Male	2	5	1	8
	Female	2	17	4	23
	Total	4	22	5	31
No. of sessions . . . . .	. .	75	75	75	225
Teachers, cost of . . . . .	. .	\$619 50	\$2,973 00	\$677 00	\$4,269 50
Janitors, supplies, and light, cost of . . . . .	. .	163 50	615 98	199 27	978 75
	Total	\$ 783 00	\$3,588 98	\$876 27	\$5,248 25
Cost per pupil per evening . . . . .	. .	\$0 174	\$0 204	\$0 170	\$0 193
Cost per evening . . . . .	. .	10 44	47 85	11 68	69 98
Cost per pupil in ave. membership . . . . .	. .	11 51	11 54	10 07	11 26
Cost per pupil in ave. attendance . . . . .	. .	13 05	15 34	12 70	14 46

TABLE 15 (Concluded).—Evening High School, Season of 1907-1908.

	Male.	Female.	Total.
Enrolled	354	260	614
Average membership.....	223	180	403
Average attendance.....	158	137	295
Number of teachers.....	9	10	19
Number of sessions.....		56	
Cost of instruction.....		\$3,407.00	
Cost of supplies, janitor service, light.....		602.05	
Total cost.....		\$4,009.05	
Cost per pupil per evening.....		0.243	
Average attendance: October, 392; November, 367; December, 268; January, 229; February, 221.			

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	224	6,699	0 404
1905-1906 . .	93	605	154	5,548	0 387
1906-1907 . .	77	631	177	4,802	0 352
1907-1908 . .	56	614	295	4,009	0 243
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
1905-1906 . .	84	698	324	6,303	0 233
1906-1907 . .	76	917	328	5,313	0 213
1907-1908 . .	75	918	363	5,248	0 193

*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.	Ederly.	Pope.	Knapp.	Hodgkins.	Glines.	Carr.	Bingham.	Brown.	Total.	Average Membership of Grammar and Primary Schools.	Per cent. of Average Membership Graduating.	Entered High School.	Per cent. entering of those Graduating.
1800	54	106	45	56	57	39	36	39	45	27	38	135	40	318	6,062	5.24	184	57.86
1801	44	73	41	55	44	49	36	38	41	35	38	135	40	296	6,085	4.90	199	67.23
1802	41	36	75	49	45	46	36	38	39	37	32	135	40	370	6,525	5.67	228	61.62
1803	40	60	48	63	67	46	36	38	42	36	33	135	40	398	6,674	5.97	240	60.30
1804	39	29	79	66	68	41	35	32	32	34	33	135	40	389	6,600	5.89	253	65.04
1805	36	32	58	63	73	42	36	34	35	35	36	135	40	374	6,955	5.37	255	68.18
1806	38	34	72	38	70	46	37	35	45	30	37	135	40	370	7,201	5.13	281	76.00
1807	34	39	50	48	41	29	30	25	41	27	38	135	40	368	7,602	4.84	273	74.19
1808	36	43	31	46	36	50	36	28	39	35	38	135	40	382	8,029	4.75	281	73.56
1809	37	50	62	48	49	40	34	34	42	37	33	135	40	468	8,351	5.60	345	73.72
1899	36	43	62	48	43	40	34	34	42	36	33	135	40	434	8,689	4.99	317	73.00
1900	36	45	43	31	43	47	44	38	31	35	36	135	40	497	8,811	5.64	372	74.80
1901	34	38	70	43	72	47	43	38	41	35	36	135	40	497	9,328	5.33	350	70.40
1902	41	38	61	45	67	46	35	31	52	40	51	135	40	484	9,739	5.17	354	73.14
1903	34	45	62	35	65	51	28	34	40	31	47	135	40	512	9,362	5.26	367	71.68
1904	31	35	84	46	79	44	36	38	40	36	43	135	40	606	10,298	5.88	463	76.40
1905	40	40	74	44	85	47	42	48	61	36	58	135	40	640	10,209	6.22	474	74.10
1906	35	54	67	44	109	49	44	64	58	40	43	135	40	725	10,440	6.94	561	77.40
1907	37	62	67	44	126	50	36	56	59	62	60	135	40	725	10,440	6.94	561	77.40
1908	44	51	71	71	88	50	64	66	61	42	58	135	40	742	10,410	7.13	551	74.26
	731	920	1,160	935	1,284	844	652	674	571	457	467	135	40	8,870	157,320	5.64	6,348	71.57

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.
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	10,402	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
1906	14,551	11,762	11,069	94.1	4,046	0.366
1907	14,802	11,909	11,166	93.8	4,170	0.373
1908	15,105	12,159	11,458	94.2	3,882	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
1906	11,762	1,473	12.52	208	1.77
1907	11,909	1,614	13.55	223	1.87
1908	12,159	1,707	14.04	235	1.93

TABLE 19.—PROMOTIONS FOR SCHOOL YEAR ENDING JUNE 30, 1908.

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	1,461	1,134	97	215	15	13	..
II	1,324	1,061	126	150	5	3	10
III	1,349	1,059	147	143	..	4	26
IV	1,296	1,011	161	123	1	6	13
V	1,195	945	153	90	7	10	10
VI	1,145	879	156	108	2	11	11
VII	975	692	151	104	28	2	6
VIII	799	594	121	83	1	18	10
IX	748	595	105	42	6	2	10
Total	10,310	7,970	1,217	1,058	65	69	96

Percentage of Promotions for School Year Ending June 30, 1908.

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	77.6	6.6	14.7	1.1	0.9	..
II	100	79.0	9.4	11.2	0.4	0.2	7.9
III	100	78.5	10.8	10.5	..	0.2	17.7
IV	100	78.0	12.4	9.5	..	0.4	8.0
V	100	79.1	12.8	7.5	0.6	0.8	6.5
VI	100	76.7	13.6	9.5	0.2	0.9	7.0
VII	100	71.0	15.5	10.7	0.8	0.2	4.0
VIII	100	74.3	15.2	10.4	0.1	2.3	8.3
IX	100	79.6	14.0	5.6	0.8	0.3	9.5
Average	100	77.3	11.8	10.3	0.6	0.7	7.9

TABLE 20.—RESIGNATION OF TEACHERS, 1908.

SCHOOL.	Teacher.	Resignation Took Effect.	In Service.
Latin High .	Maud M. Cunningham	June 30	3 years
Latin High .	Isabel G. Higgins	" "	7 "
Prescott . .	Anna M. Bates	Dec. 1	34 "
Hanscom . .	Linnie M. Moulton	June 30	5 months
Baxter . . .	Elsie G. Ashton	April	5 years 7 mos.
Baxter . . .	Elizabeth M. Carr	June	7 "
Perry	Helen M. Cogan	April	5 " 7 "
Bell	Nellie S. Dickey	June 30	19 " 3 "
Bell	Evelyn Eldredge	November	2 months
Bell	Helen L. McGann	April	2 years 7 mos.
Forster . . .	Mary E. Bunton	October	4 " 4 "
Forster . . .	Minnie A. Day	January 24	2 " 4 "
Forster . . .	Jessie M. Lockwood	June 30	8 "
Carr	Gladys A. Budgell	" "	1 "
Carr	Gertrude Friend	" "	5 " 2 "
Morse	Minnie E. Haas	" "	3 " 5 "
Morse	Mildred M. Moses	" "	2 "
Durell	Ethel Worcester	" "	3 "
Highland . .	Josephine Marston	October	1 " 1 "
Hodgkins . .	Marion I. Noyes	June 30	1 " 6 "
Supt.'s Clerk	Cora Fitch Bradford	Nov. 1	7 years

TABLE 21.—TEACHERS ELECTED IN 1908.

SCHOOL.	Teacher.	Coming From	Began Service.	Salary.
Latin High . . .	Mabel E. Bowker	Arlington	Sept. 9	\$900
Latin High . . .	Mary Cliff	Milton	"	900
Latin High . . .	Grace E. W. Sprague	Hingham	"	900
English High . .	Archibald S. Bennett	.....	"	1,400
English High . .	Elizabeth H. Hunt	Malden	"	900
Prescott	Rebekah Bruorton	Beverly	"	700
Hanscom	Mary B. Nelson	.....	"	700
Baxter	Etta R. Holden	Fitchburg	"	700
Knapp	Mary J. Malaney	Everett	Jan. 4, '09	700
Bell	Evelyn Eldredge	Belmont	Sept. 9	700
Bell	Helen C. Gray	Somerville	"	700
Glines	Leslie Caverly	Chelsea	"	600
Forster	Mary M. Badger	Winchester	"	700
Forster	Emma M. Damon	Winchester	"	700
Forster	Philena A. Parker	Arlington H'ts	Feb., '08	650
Forster	Mabel F. Powell	Somerville	Nov. 16	650
Carr	Leila L. Rand	Somerville	Sept. 9	700
Morse	Annie L. Ball	Somerville	"	700
Highland	Nellie G. Stewart	Dracut	Mar. 2	700
Highland	Katie D. Greenleaf	Natick	Nov. 9	650
Highland	Elsie M. Ross	Natick	Dec. 21	650
Sewing Teacher	Sara I. Gale	.....	Sept. 9	500

ASSISTANTS IN SERVICE DECEMBER, 1908.

Hanscom	Agness M. Travis
Burns	Mary C. Buck
Proctor	} Annie Sanburn
Lowe	
Baxter	Nona Blackwell
Baxter	Lynda V. Merrill
Perry	Alice L. Reid
Perry	Lillian M. Huntington
Carr	Pearl F. Dame
Morse	Emma M. McKinley
Hodgkins	Ellen A. Baker
Lincoln	Hortense F. Small

CADETS.

Frances E. Welch.

TABLE 22.—LEAVE OF ABSENCE OF TEACHERS.

September 9, Caroline A. Marsh, for school year ending June 30, 1909.

September 9, E. Mina Smith, for school year ending June 30, 1909.

September 9, Miriam Thayer, for school year ending June 30, 1909.

TABLE 23.—TRANSFER OF TEACHERS.

TEACHERS.	From	To
Mattie L. Littlefield	Prescott	Hanscom
Jennie M. Twiss	Prescott	Hanscom
Minnie A. Holden	Baxter	Knapp
Jennie P. Chapman	Burns	Brown
Edith G. Watts	Highland	Brown
Phebe E. Mathews	Highland	Brown

TABLE 24.—NUMBER OF TEACHERS

FOR A SERIES OF YEARS.

YEAR.	High School.	Gram mar School.	Primary School.	Special Teachers.	Assistants not in Charge of Room.	Men.	Women.	Total.
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
190 4	48‡	152	98*	7	9	27	285	312
190 5	48‡	153	100*	7	7	27	288	315
1906	54‡	157	99*	7	9	29	297	326
19 07	57‡	160	97*	9	14	32	305	337
1908	58‡	164	97*	10	16	34	311	345

*Including four kindergartners.

†Including two secretaries.

‡Including one secretary.

F. A. P. Fiske, presented diplomas to the 235 members of the graduating classes.

Order of Exercises.

Frederick A. P. Fiske, Chairman of the School Board, presiding.
Overture.

"Mignon."

A. Thomas

Boston Festival Orchestra.

1. *Singing.

Bass Solo and Chorus: "Crowned with the Tempest,"
from "Ernani."

Verdi

Ray L. Newton, Mark E. Allen, Herbert V. Field, L. H. S.
Harold E. Kebbon, Ralph H. Riddell, Jason Briggs, E. H. S.

2. Prayer.

Rev. William R. Newhall, D. D.

3. †Singing.

Soprano Solo and Chorus: "The Vision."

Faure

(With Violin and Organ Obligato.)

Soprani: Helen W. Phelps, Cora E. Hicks, Hazel M. Etter, L. H. S.
Marion E. Drake, Lena M. Myott, Margaret M. Fiendel, E. H. S.
Violinist, Rupen Eksergian, E. H. S., '08.
Organist, Harry Cutting.

4. Address to Graduates.

"The Debt of the Scholar."

Robert Luce, of Somerville.

5. Singing.

Cantata: "Paul Revere's Ride."

Busch

Alto Soloists: Carolyn T. Weekes, Marion G. Swain, Marion
F. Ritchie, L. H. S. Pearl E. Whitehouse, Marian R.
Henry, E. Pearl Macdonald, Elsa M. Risdon, E. H. S.

6. Presentation of Diplomas.

Frederick A. P. Fiske, Chairman of School Board.

7. Singing.

Trio: Waltz Song from "Faust" (Girls' Voices).

Gounod

*All singing accompanied by the orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.

†Arranged for orchestra by S. Henry Hadley.

Latin High School Graduates.

Marion Louise Aldrich.
Eva May Bancroft.
Katharine Lord Bradbury.
Elsie Winifred Brown.
Constance Virginia Carpenter.
Alice Louise Carr.
Paula Lang Clough.
Mary Catharine Couch.
Hazel Pauline Dow.
Ella Duncan.
Hazel Martin Etter.
Frances Marion Fay.
Helen Agnes Fielding.
Marion Fenwick Foster.
Julia Freedman.
Muriel Brown Galloupe.

Cecile Eugenie Giroux.
Alice Marion Hale.
Ruth Hammond.
Harriet Charlotte Hayden.
Cora Estelle Hicks.
Marion Frances Hincks.
Helen Burroughs Johnson.
Helen Morss Keeler.
Grace Eliza King.
Lucie Aldrich Kramer.
Marion Gertrude Libby.
Grace Marian Lovering.
Isabel Mary McDonald.
Rosetta Walker McFarland.
Edna Louise Moore.
Edna Davis Nickerson.

Fannie Marr O'Brion.
 Elsie Bews Olive.
 Alice Lisette Parker.
 Helen Whiting Phelps.
 Susie Harvey Pilsbury.
 Marion Frances Ritchie.
 Mary Ella Seaver.
 Mary Josephine Sharkey.
 Marion Lockwood Smith.
 Mary Cecilia Smith.
 Ruth Mildred Smith.
 Helen Isabelle Stearns.
 Bertha Gage Stone.
 Sara Inez Stone.
 Lillian Elinor Sturtevant.
 Helen Evelyn Swain.
 Marion Gilman Swain.
 Ruth Elizabeth Tucker.
 Elaine White Ward.
 Lavinia Lilly Ware.
 Helen Louise Watson.
 Carolyn Tripp Weekes.
 Harriet Clement Whitaker.
 Jean Witherell.
 Edna Currier Woodbury.
 Madeline Gladys Woodley.

Mark Edward Allen.
 Harry Albert Baird.
 Albert James Berry.
 William Cameron Blackett.

Benjamin Jarvis Butler.
 Harold Cohen.
 Jacob Cohen.
 Edward Francis Commins.
 Frank Dresser.
 Harold Lowell Etheridge.
 Herbert Vaughan Field.
 William Benard Giles.
 Louis Alexander Giroux.
 Myron Lincoln Harlow.
 Arthur Daniel Francis Healy.
 Percy Anderson Hogan.
 Allen Gunnison Hooper.
 Walter Emerson Kehew.
 Patrick Lawrence Lynch.
 Stephen Henry Mahoney.
 William Shipman Maulsby.
 Albert Forbes McLean.
 Frank Wood Merrill.
 Ray Lester Newton.
 Arthur William Noble.
 Edward Jeffrey Norris.
 William Edward Patrick.
 Charles Cornish Pearson.
 Harry Irving Quennell.
 Nathaniel Pierpont Rice.
 Herbert Grenville Ripley.
 William John Sharry.
 Frederick Edward Skilton.
 Ordway Tead.
 Stanley Mayhew Wilton.

English High School Graduates.

Louise Gertrude Austin.
 Edith Barrows Babcock.
 Mary Charlotte Bartlett.
 Ruth Leona Bennett.
 Jessie McArthur Blyth.
 Marion Louise Boardman.
 Ella Caroline Bolton.
 Margaret May Jane Boyle.
 Katharine Elizabeth Brine.
 Genevieve Marie Bryan.
 Ruth Witherell Bunten.
 Alice Ermina Burns.
 Mary Gertrude Carney.
 Mabel Alice Chapman.
 Ella Angeletta Clarke.
 Bessie Stanley Cobb.
 Marian Darrah Colburn.
 Anna Gertrude Coleman.
 Anna Josephine Conway.
 Olive Priscilla Cosgrove.
 Sarah Stanislaus Coyne.
 Elsie Mildred Crispin.
 Ethel Frances Curran.
 Gertrude Evelyn Cushing.
 Mary Ellen Danolds.

Marion Etta Drake.
 Annie Evenson.
 Margaret Martha Feindel.
 Sybil Florence Fernandez.
 Mabel Eleanor Fish.
 Marguerite Angeline Gage.
 Nina Florence Gilley.
 Beatrice Glidden.
 Maude Elizabeth Greenough.
 Mildred Rich Hager.
 May Rosamond Halnan.
 Teresa Leona Harrington.
 Marian Rachel Henry.
 Florinda Carolyn Hodgdon.
 Eva Mae Hodson.
 Mabel Russell Ingham.
 Mabelle Annis Jefferson.
 Sophie Anna Johnson.
 Mildred Eietta Jones.
 Ella Frances Keefe.
 Cordelia Frances Keith.
 Gertrude Agnes Kelley.
 Merle Alberta Kibbe.
 Ethel Dunning Kilgour.
 Bertha Elizabeth Kitchen.

Daisy Evelyn Lay.	Guy Edward Brown.
Marion Loring.	Arthur Campbell.
Marjorie Loring.	Ralph Irving Carlton.
Mildred Frances Lovejoy.	Harry Wesley Carter.
Gladys May Lowell.	Harry Cohen.
Lillian Emerson Luce.	Robert Owens Chesley.
Edna Pearl Macdonald.	Harland Hennigar Collins.
Amy Lucena Manning.	Weston Ernest Craig.
Ruth Merriam Manwaring.	Fred Raymond Earle.
Ethel Clara Markel.	Rupen Eksergian.
Eva Whitman Marshall.	William Henry Ennis, Jr.
Ethel Lucile Martz.	Harris Fritz.
Nellie May McClearn.	Harold Benjamin Frost.
Julia Tracy McGarr.	William Roy Glidden.
Genevieve Viviana McHugh.	Malcolm Gray.
Gertrude Irene McKenna.	Frank Ellsworth Hadley.
May Teresa McMullen.	Edward Laurence Hagan.
Eleanor Mae McQuinn.	Walter Lawrence Hart.
Ethel Marguerite Mooney.	Francis Whittier Johnson.
Lillian Vesta Mugford.	Harold Eric Kebbon.
Alice Louise Mulholland.	William Henry Knight.
Martha Gladys Musgrove.	Archibald Walwyn Laurie.
Lena May Myott.	Wilbur Fletcher Lewis.
Elinor Neilon.	William Francis Lewis.
Elizabeth Rogers Oliver.	George Adolph Lloyd.
Madeline Frances Palmer.	Alfred Bernard Mahoney.
Hester Philbrick.	Francis Joseph McCarthy.
Elizabeth Sabrina Rich.	Norman Jesse Merrill.
Elsa Marion Risdon.	Philip Sheridan McGann.
Alice Maud Savage.	Hubert Quincy Mills.
Ethel Claire Scott.	Walter Prescott Nichols.
Mary Elizabeth Seery.	Louis Olin.
Elizabeth Agnes Shanley.	Herbert Lee Perry.
Lucy Hodges Snow.	Howard Mott Preston.
Mabel Gertrude Stackpole.	Ralph Huber Riddell.
Gertrude Dorothy Stapleton.	John William Scriven, Jr.
Mabel Lillian Teele.	Edward John Segrue.
Mabel Sarah Wells.	John Francis Shea.
Pearl Elizabeth Whitehouse.	Guy Almont Shedd.
Frank Alonzo Adams.	Robert Cushman Smith.
Eugene Adcock.	Walter Joseph Smith.
Oliver Grover Appley.	John Arthur Sullivan.
Arthur Chase Armitage.	Joseph Ingraham Taylor.
Chester Franklin Baker.	Ernest William Walker.
Edward Adams Brewer.	Leonard William Wiley.
	Harold Dorr Wiswall.

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 23, and Wednesday evening, June 24, were set apart for the purpose.

The following was the order of exercises on Tuesday evening:—

Order of Exercises.

Henry H. Folsom, Vice-Chairman of School Board, presiding.

- Overture.
 "Raymond." A. Thomas
 Boston Festival Orchestra.
1. Prayer.
 Rev. W. Lathrop Meaker.
2. *†Singing.
 "A Balloon Ride" (Vocal Galop). Veazie
3. Address.
 "Roosevelt's Rules."
 Rev. O. P. Gifford, D. D., of Brookline.
4. Singing.
 Tenor Solo and Chorus: "The Battle of Dawn," from
 "Martha." Flotow
5. Presentation of Diplomas to Graduates of the Prescott,
 Knapp, Pope, and Bell Schools.
6. Singing.
 A Patriotic Ballad: "Barbara Frietchie." Jules Jordan
7. Presentation of Diplomas to Graduates of the Highland and
 Hodgkins Schools.
8. †Singing.
 Chorus: "Comrades, Awake!" (Waltz Song). Storch

* All singing accompanied by the orchestra under the direction of S. Henry Hadley, teacher of music in the schools.

†Orchestration by S. Henry Hadley.

Names of Graduates.

PRESCOTT SCHOOL.

Fred A. Berry.	Herbert C. McLean.
Mary E. Bradley.	Edythe L. Miller.
Kathleen G. Calnan.	Gertrude Morrison.
Erma F. Chamberlin.	Lilla M. Mullett.
Dorothy A. Chapin.	Madalene Nickerson.
Howard L. Chisholm.	Paul E. Perkins.
Edward W. Crowley.	Ethel P. Peterson.
Golder M. Dix.	Ethel R. Peterson.
Charles H. Drew.	Madeline M. Pettes.
Fred H. Earley.	Howard C. Rand.
Helen G. Fall.	Margaret A. Randall.
Walter D. Flynn.	Thomas R. Ray.
Clara M. Fullerton.	Eugene F. Smith.
Fred O. Garrison.	Ella O. Spring.
Harry H. Gillies.	Howard D. Steele.
Edna E. Grant.	Pearl L. Stephens.
Gladys Haynes.	Lewis H. Thomann.
Everett C. Hunt.	Clifford P. Towne.
Harold Lewis.	Hazel C. Upton.
Harold A. Lord.	Andrew W. Wentworth.
Ruth E. Lovering.	Walter E. Whittaker.
Charlotte M. Lutz.	Rose A. Weisberg.

KNAPP SCHOOL.

Ernestine Arnold.
 Margaret Beattie.
 Anna M. Blouin.
 James A. Branagan.
 M. Pearl Brown.
 Jennie Carlin.
 Ernest C. Carr.
 Francis X. Cavanagh.
 Dorothy E. Chequer.
 W. Burton Cole.
 Lillian F. Commins.
 C. May Conneilly.
 Joseph F. Cunningham.
 A. Emily Delay.
 Louise F. Dewire.
 Margaret E. Donahue.
 Mary E. Fitzpatrick.
 B. Veronica Foley.
 Catherine F. M. Galvin.
 William C. Gillogley.
 Mabel F. Given.
 Ethel F. Goodman.
 Gordon Hall.
 Isadore Hambro.
 Ruth C. Harrington.
 Frank W. Hart.
 Noraetta Hart.
 Gustaf F. Hokanson.
 Willis W. Holt.
 Mary A. Hurley.
 Helen R. Hyde.
 Robert T. Jameson.
 Lloyd A. Jenkins.

David L. Johnson.
 Helen P. Kearney.
 Anna M. Kelley.
 Harry E. Kenison.
 Marguerite F. Kiley.
 John E. Laverty.
 James L. Leonard.
 Louise P. Leslie.
 Victor E. Lutz.
 W. Edmund A. Lutz.
 Emma E. Lyons.
 William J. Lynch.
 William H. McEachern.
 Gertrude L. McInnis.
 John J. Norton.
 Gladys J. O'Mara.
 Christine E. O'Riley.
 Eliza F. Paz.
 Charles A. Perrigo.
 Ruth C. Quarnstrom.
 Louise C. Riley.
 Dora M. Rowe.
 E. Marie Savage.
 H. Irene Savage.
 Beatrice L. Sheridan.
 Hilda A. Silva.
 Kathryn A. Smith.
 William J. Stack.
 John A. Stevenson.
 Eugene F. Sweeney.
 C. Raymond Syer.
 William B. Thompson.
 Charles W. Watson.

POPE SCHOOL.

Ellen F. Ahearn.
 Helen R. Ashton.
 Mabelle O. Baker.
 Parker F. Barry.
 James Francis Best.
 Israel Blumsack.
 John J. Blute.
 William James Carney.
 Gladys Estelle Carr.
 Julia Agnes Carr.
 Maurice G. Carter.
 Leo M. Corbett.
 Josephine M. Crowley.
 Anna May Cullen.
 John F. Cullen.
 Carleton Ashley DeLancey.
 Elizabeth A. Dromgoole.
 Philip A. Dutra.
 Leam E. Farrington.
 Lester Fay Farrington.
 Ethel Louise Fish.
 Marion Gertrude Fish.
 Helen G. Flahive.

Arthur P. Goodman.
 Harriet Hatch Goodwin.
 Alexander George Gray.
 Edward James Harney.
 Joseph A. Hopkins.
 Lawrence T. Hopkins.
 Caroline Elizabeth Hughes.
 Nellie J. Hunter.
 Edith M. Lovering.
 Helen E. Lynch.
 Isabel Gertrude Martin.
 Ara Bell McLean.
 Hazel Ruth McMillan.
 Walter Edward McQuinn.
 Bertha C. Mellett.
 Willard A. Miller.
 Ida Alice Milligan.
 John J. Mitchell.
 Mabel H. Morrison.
 Catharine T. O'Callahan.
 Ellen C. O'Neill.
 Mabel F. Owens.
 Arthur W. Phillips.

Michael J. Pigott.
 Ellsworth H. Plumer.
 Mary L. A. Quirk.
 Ida Anna Rupprecht.
 Martha Louise Rupprecht.
 Silva M. Scigliano.
 Elizabeth G. Shalley.
 Grace Gertrude Sliney.
 Patrick Francis Sweeney.

George W. Thompson.
 Mary J. Tiernan.
 Agnes May Tripp.
 Grace W. Tyter.
 John Francis Walsh.
 Gladys Marion Waters.
 Frederick K. White.
 Nora Agnes Wilkinson.
 Max Yavner.

BELL SCHOOL.

Roy M. Atwater.
 Ellen H. Bennett.
 Emily R. Bond.
 M. Ellen Carroll.
 Helen G. Clarke.
 Alexander J. Cumming.
 Isabella M. Cumming.
 Burton M. Dearborn.
 Beatrice Duncan.
 Jesse A. Dutelle.
 Florence W. Earle.
 Gladys A. Erb.
 Hazel I. Erb.
 Myrtle M. Erb.
 Alice L. Etheridge.
 Ella E. Farrell.
 Lula E. Fitzherbert.
 Hazen C. Frazee.
 Ruth A. Frazee.
 Ruth I. Godfrey.
 Mildred E. Graffam.
 Helen E. Hamblett.
 Lucy S. Hardy.
 Grace M. Hawn.
 Charles L. Hildred.
 Ruth E. Hurley.

Myrtle M. Irwin.
 Mildred P. Jones.
 C. Lawrence Jordan.
 Helen W. Lander.
 Thornton A. Landers.
 Charles L. McGann.
 Stewart N. Miller.
 Robert R. Nugent.
 Gertrude E. Petrie.
 June E. Pickering.
 Leonard A. Rice.
 Isamay T. Richardson.
 Glendine M. Robinson.
 Meyric R. Rogers.
 Grace C. Safford.
 Edna L. Savary.
 Leonard C. Schaefer.
 Perley E. Skinner.
 Annie E. Sterling.
 Edward M. Sullivan.
 Ruth M. Walker.
 Annie R. Walsh.
 David E. Westhaver.
 Edwin C. Wing.
 Sollace M. Woodman.

HIGHLAND SCHOOL.

Gertrude V. Adler.
 Ada J. Baker.
 Edith B. Baker.
 Harry E. Baker.
 Chester S. Ball.
 Grace B. Barry.
 Hattie I. Benner.
 Thelma C. Benner.
 F. Esther Bent.
 Willis F. Bird.
 Eliza A. Blackall.
 Marion L. Blake.
 Annie E. Brady.
 Helen M. Bush.
 Kate L. Cabot.
 Daniel C. Cameron.
 Mae A. Clark.
 Percy G. Cliff.
 Dorothy Cragin.

Margaret Cragin.
 Harold V. Currie.
 Esther L. Danforth.
 Nora T. Downey.
 M. Clare Flynn.
 Minerva C. Foster.
 Joseph P. Gardner.
 Norman S. Greenleaf.
 Florence M. Griffith.
 Lillian E. Gurnham.
 Ethel F. Hackett.
 Beatrice M. Hadley.
 Eunice L. Hammett.
 Joseph R. Harrison.
 Clarence D. Hart.
 Harold A. Henderson.
 Marie A. Herlihy.
 Harold K. Hobart.
 Paul F. Hunnewell.

Frank H. Jenkins.
Christine A. Johnson.
Ernest C. Jones.
Harold M. Jones.
Clifton W. Kendall.
Mildred H. Lannon.
Miriam B. Libby.
Philip A. Macy.
Ralph B. Marden.
Bessie L. Mathers.
Margherita McKeough.
Angus P. McLeod.
Norman J. Mitchell.
William B. Moore.
Kenneth R. Morrill.
Francis O. Nelson.
Gordon W. Olson.
Wallace B. Olson.
Harold C. Palmer.
Claire E. Pearson.
Earle F. Pearson.
Harold F. Phillips.
Charlotte A. Pigott.
Everett R. Porter.
Roy J. Powell.

M. Lillian Ray.
Edward A. Reddon.
Harlie E. Rice.
Robert G. Richards.
Ralph V. Rieck.
E. Stuart Rogers.
Moses B. Rosenauer.
Annie L. Ross.
Eitta F. Rowe.
Grace G. Rowe.
Raymond G. Sault.
James A. Shedd.
Thomas W. Sime.
Ruth E. Smith.
Clara M. Sprague.
Flora E. Stevens.
Howard A. Stockwell.
Lillian R. Whitcomb.
Lester A. Williams.
Stanley W. Wilson.
Earle K. Woodman.
Helen A. Woodman.
Ruth E. Workman.
Carolyn E. Young.
Lillian M. Young.

HODGKINS SCHOOL.

Maria C. Allen.
Florence R. Bateman.
Louise I. Bowen.
Ethel G. Bowlby.
Florence M. Boyden.
Perry A. Bridges.
Lorimer F. Brown.
Alice M. Byrnes.
Emma Campbell.
Oliver C. Churchhill.
Thomas C. Coleman.
Jessie R. Conner.
Walter M. Cook.
Margaret M. Copland.
Chauncey Cosgrove.
Freeman E. Covell.
Elva M. Cribby.
Julia H. Dusseault.
Flora L. Finlay.
Myra C. Flagg.
Harold L. George.
Helen M. Goddard.
Arthur B. Horton.
Alice D. Jones.
Laura V. Jones.
Katharene L. Kelley.
Gertrude M. Kenney.
Lindley A. Lamont.
Esther L. Laverty.
W. Addison Libby.
Winifred M. Lyons.

Ralph K. MacKay.
Herbert C. Merrill.
Norman W. Morison.
Katie A. Norwood.
Phyllis Noyes.
Timothy W. O'Donoghue.
Mabel M. Oliver.
Harold O. Phalen.
Willard I. Phinney.
Harold W. Proudfoot.
Arthur E. Quimby.
Josephine M. Reade.
Marjorie L. Record.
Anna H. Richardson.
Dorothy B. Savage.
Howard M. Shaffer.
Maude Shapleigh.
Walter E. Shaw.
Jessie M. Sinclair.
Lena B. Smith.
Sadie M. Swanson.
Gladys E. Teele.
Grace H. Townsend.
Emma R. Viano.
Dexter O. Vinal.
Henry R. Wallstrom.
Alma S. Westerberg.
Viola G. Whelpley.
Hilda White.
W. Elwyn Witherspoon.

The following was the order of exercises for Wednesday evening:—

Order of Exercises.

F. A. P. Fiske, Chairman of School Board, presiding.

Overture.

"Raymond." A. Thomas
Boston Festival Orchestra.

1. Prayer.

Rev. John R. Gow.

2. *†Singing.

"A Balloon Ride" (Vocal Galop). Veazie

3. Address.

"New England School Life Sixty-five Years Ago."
Rev. Edwin C. Bolles, of Somerville.

4. Singing.

Tenor Solo and Chorus: "The Battle of Dawn," from
"Martha." Flotow

5. Presentation of Diplomas to Graduates of the Edgerly, Glines,
Forster, and Bingham Schools.

J. Walter Sanborn, of Ward Five.

6. Singing.

A Patriotic Ballad: "Barbara Frietchie." Jules Jordan

7. Presentation of Diplomas to Graduates of the Carr, Morse,
and Brown Schools.

8. †Singing.

Chorus: "Comrades, Awake!" (Waltz Song). Storch

*All singing accompanied by the orchestra under the direction of S. Henry Hadley, teacher of music in the schools.

†Orchestration by S. Henry Hadley.

Names of Graduates.

EDGERLY SCHOOL.

Lena P. Ahern.
Marion G. Augusta.
Edward L. Barber.
Blanche W. Brookes.
Fannie B. Chandler.
E. Marguerite Coker.
Philip F. Coleman.
Ernestine T. Conway.
John T. Corkhill.
James P. Cruise.
Laura P. Davis.
George T. Day.
B. Mildred Dean.
William J. Dempsey.
Florence E. Driscoll.
A. Harold Edwards.
Florence F. Farr.
Mildred H. Field.
Eunice A. Francis.
Eleanor Given.
G. Harold Glines.
Florence M. Harrington.
Francis C. Hatchell.
Fred W. Hillery.
Sarah I. Horell.

Harold F. Kedian.
Florence A. Lincoln.
Ida W. Murphy.
M. Della Nute.
Gladys M. Parker.
Edward O. Pickering.
Edward E. Pineo.
Laura O. Pinto.
Arthur I. Richardson.
Estelle E. Ross.
Eleanor M. Skinner.
Ethel M. Small.
E. Marion Smith.
J. Wallace Thomas.
J. Voodry Thompson.
N. Beatrice Towle.
Lulu M. Vinal.
Sidney A. Warsowe.
Ralph W. Watson.
Marguerite L. Welch.
Guy E. Whipple.
Anna M. Wilmarth.
Elinor E. Wilmarth.
Edmund J. Reynolds.
Gladys E. Steele.

GLINES SCHOOL.

Harry J. Adams.	Kathleen J. Judge.
Richard F. Alletzhausser.	Fred G. Keyworth.
Ethel Brothers.	Ivey J. Kyes.
Andrew M. Bryne.	R. Douglas Locke.
Annie N. Candage.	Gertrude R. Luce.
Emma V. Clark.	Raymond L. Macdonald.
Harry Cohen.	Arthur W. Marr.
William S. Davis.	Hattie E. May.
Emily Donnelly.	Carl H. Messenger.
Mabel A. Freeman.	Alice V. Morris.
Charles Furiga.	Vera M. Nason.
Mildred D. Garland.	Celia J. Nevelson.
Mary E. Gillmore.	Vincent Santarlaschi.
Marion A. Grant.	Edward L. Sinclair.
Everett C. Ham.	William A. Snow.
Edith M. Hatch.	Juliette F. Stacy.
M. Olive Hilton.	Mabel C. Stanley.
Edith S. Hodges.	James H. Taylor.
Evelyn R. Isbister.	Harold W. Thomas.
Robert K. Jenner, Jr.	Minnie R. Weinberg.
Anna E. Johnson.	William E. Whitehouse.

FORSTER SCHOOL.

Thomas R. Aldrich.	Gladys G. Lay.
Lottie E. Armstrong.	Martha S. Lay.
Helen G. Ashman.	Etta F. Levy.
L. Marguerite Baldwin.	Estelle E. Mardon.
Charles A. Banks.	Mary E. McIntyre.
Dorothy M. Barker.	Sarah V. McMullen.
Grace E. Bentley.	Mildred S. Millett.
Robert C. Bourne.	William Mulholland.
Walter L. Brewster.	May F. Nangle.
Lydia E. Brown.	Martha Nash.
Elizabeth Burns.	John M. O'Connell, Jr.
Gertrude F. Butters.	William F. O'Connell.
Marion B. Butters.	E. Evelyn Owler.
Faustina R. Bye.	Ardelle L. Page.
C. Clinton Carpenter.	Arthur E. Page.
Alfred H. Chute.	Lezlie A. Patten.
Leon S. Cohen.	Lois B. Patterson.
Zelman Cohen.	Carl B. Pitman.
Helen M. Cook.	Florence A. Reardon.
Edward Cotter.	Jeannette W. Richardson.
John H. Crenner.	Reena Roberts.
William Amory Danner.	Lois M. Sanborn.
John J. Deming.	Gladys E. Stay.
Marion Doten.	Carrie R. Sternburg.
Ethel M. Googins.	Pearl Sternburg.
Alice H. Graves.	Mary E. Sullivan.
Marion Hall.	William W. Thayer.
Mary B. Hallett.	Charles H. Upton.
Henry E. Halpin.	Hazel E. Walker.
Pauline Hatch.	Elizabeth K. Weaver.
Ruth F. Hiatt.	Harold L. Webb.
Dudley F. Holden.	Helen H. Whitaker.
Frank W. Holmes.	Anton J. Winter.
Sherman P. Howard.	Roland M. Wright.
Edgar L. Kaula.	Walter R. York.
Lois C. La Bua.	

BINGHAM SCHOOL.

Catherine B. Allen.	Mary J. Keating.
Charles F. Black.	Catherine M. Kelliher.
Santo Brigandi.	Charles Lowe.
Bessie Buchinsky.	Cornelius E. Lynch.
Anna R. Canfield.	Carmin Magno.
Frank J. Corey.	Edna G. McAleer.
Mary A. Costa.	Charles A. McGovern.
Frank J. Cronin.	Helen F. McKenna.
Blanche E. DeLorme.	Raymond W. Nowlin.
John Doherty.	William J. Robinson.
Elizabeth V. Doyle.	Harry Rosenthal.
Winifred R. Fermoye.	Edward I. Ruff.
Minnie E. Goldenberg.	Mary A. Ryan.
John J. Hally.	Elizabeth M. Savage.
Katharine V. Hally.	Joseph B. J. Siggins.
Joseph E. Howard.	Mabel M. Stacy.
Annie M. Jwairaites.	Thomas E. Sullivan.
Collette A. Kane.	Marion A. Wells.

CARR SCHOOL.

Alberta L. Abbott.	Marion R. Leahy.
George D. Anderson.	Dora Leuchte.
Flora L. Arrington.	W. Atwood Lewis.
Frank M. Bowes.	Bessie M. Lomax.
Daniel F. Brennan.	Carl M. Lovequist.
Rose F. Carney.	E. Marie Lundgren.
Martin F. Carpenter.	Alvin B. Lynch.
J. Lawrence Carrigan.	Helen G. Lynch.
Edna A. Clements.	Sarah E. McAllister.
Helen G. Clements.	Helena I. McMaster.
John N. Colbert.	Thomas J. McMath.
William J. Coyne.	Mildred I. Moore.
John S. Donahue.	Frederick H. Morgan.
Gardner C. Evans.	Russell J. Morgan.
Mary E. Fitzpatrick.	Helen Mountfort.
Nelson M. Gardner.	Louise F. Neilon.
John J. Gormlev.	Ellen C. Nelson.
Ida Halverston.	John G. O'Neill.
Alta H. Hamblet.	Lothrop G. Paul.
Joseph L. Hart.	James G. Prout.
Agnes L. Haug.	Joseph A. Prout.
Lulu E. Hobbs.	Lawrence H. Rice.
Louis C. Holmes.	Irene L. Roche.
Emma M. Hudson.	Mary E. J. Shanney.
Alice L. Keefe.	Lucinda F. Sullivan.
Mary F. Kennedy.	M. Gertrude Teakles.
John F. Kiley.	Martha J. Thiesfeldt.
Rose M. Kilty.	Laura 'Inorpe.
Alfred W. Landry.	C. Jennie Wallace.

MORSE SCHOOL.

Frank A. Anderson.	Colin M. Campbell.
Gifford O. Appley.	Robert C. Cann.
Ernest W. Bacon.	Catherine F. Carnes.
Joseph F. Beecy.	Louise M. Clevenger.
Ramah S. Bowers.	Alice M. Connelly.
Clarence M. Brine.	John J. Conway.
Amber M. Butters.	Mary E. Conway.

Florence M. Dunning.
 Edward Dyson.
 Marguerite E. Emerson.
 Mary L. Foss.
 Florence E. Fuller.
 Louis Gans.
 Robert M. Garland.
 Walter C. F. Gartner.
 Araxia K. Giragosian.
 G. Juanita Groves.
 Helen M. Groves.
 Chester D. Harrington.
 Margaret G. Harrington.
 Perley E. Harris.
 Robert A. Heavern.
 Jennie L. Higgins.
 Thomas R. Higgins.
 Pauline M. Holman.
 Elmer L. Hudson.
 Frank G. Johnson.
 Alice L. Keating.
 Catherine J. Keating.
 Frank H. Keegan.
 John F. Keegan.
 George Kerr.
 Veronica J. King.
 Einar T. Larsen.
 Alma J. Lindberg.
 Andrew D. Little.

Daisy I. MacLellan.
 Francis McDonald.
 Marguerite R. McFarland.
 Beatrice M. McNamee.
 Bertha L. McNeill.
 Rebecca M. Mitchem.
 B. Adelaide Moody.
 Leona B. Moore.
 Gwendolyn N. Nelson.
 Ruth A. Nye.
 Edwin F. O'Brion.
 Francis E. O'Day.
 Catherine G. Owens.
 Hazel H. Pearson.
 Peder T. Pedersen.
 Elbert E. Putney.
 Louis R. Reynoldson.
 Julia M. Riordan.
 Willis B. Robertson.
 Mary I. Sterling.
 Charlotte E. Taylor.
 Mildred A. Torrey.
 Evelyn H. Trenholm.
 Anna B. Truesdale.
 Caroline A. Vroom.
 Charles N. Waterhouse.
 Clifford G. Wistrand.
 Edmund E. Young.

BROWN SCHOOL.

Marie V. Atkinson.
 Mildred D. Baker.
 Ralph H. Barter.
 Ruth E. Bohlin.
 Chester L. Byron.
 Agnes N. Cameron.
 Hazel M. A. Clark.
 Murray S. Colony.
 G. Carl Cummings.
 Edna J. Dearborn.
 Harold B. Giles.
 Ethel M. Gray.
 Marion E. Hanlon.
 Cornelius P. Hanlon, Jr.
 Ernest W. Harvie.
 Albert H. Kitchen.
 Earl H. Leslie.
 Ruth A. Lufkin.
 A. Florence MacKinnon.
 Helen M. Macdougall.

Damon W. Mahoney.
 Mabel E. J. Nelson.
 Charles L. Niles.
 Emily A. Novy.
 Charlotte R. O'Donnell.
 Ina V. Pillsbury.
 Estella M. Rice.
 Louise N. Richmond.
 Arthur A. Riley.
 Frederick H. Rupert.
 Nina E. Sellon.
 A. Clayton Sellon, Jr.
 Josephine C. Simpson.
 M. Hazel Souther.
 Cecil C. E. Stevens.
 Stewart A. Stiglich.
 Verna E. Thompson.
 Anna F. Welch.
 Isabel Whitaker.
 Robert Whitelaw.

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1909.

School Committee.

HENRY H. FOLSOM, Chairman
 GEORGE C. MAHONEY, Vice-Chairman

Members.

EX-OFFICIIS. Term expires
January.

JOHN M. WOODS, Mayor, 47 Spring street. 1910
 CHARLES A. BURNS, Pres. Board of Aldermen, 27 Thurston street 1910

WARD ONE.

DR. HENRY F. CURTIS, 145 Perkins street. 1910
 EMORY F. CHAFFEE, 109 Pearl street. 1911

WARD TWO.

DANIEL H. BRADLEY, 19 Concord avenue. 1910
 THOMAS M. CLANCY, 52 Springfield street. 1911

WARD THREE.

GEORGE E. WHITAKER, 75 Walnut street. 1910
 WILBUR S. CLARKE, 40 Vinal avenue. 1911

WARD FOUR.

CHARLES A. KIRKPATRICK, JR., 27 Sewall street. 1910
 GEORGE W. FOSTER, 7 Evergreen avenue. 1911

WARD FIVE.

HENRY H. FOLSOM, 103 Central street. 1910
 J. WALTER SANBORN, 183 Central street. 1911

WARD SIX.

FREDERICK A. P. FISKE, 44 Cherry street. 1910
 LEONARD H. POTE, 694 Broadway. 1911

WARD SEVEN.

DR. GEORGE C. MAHONEY, 97 College avenue. 1910
 MRS. HENRIETTA B. H. ATTWOOD, 12 Park avenue. 1911

Superintendent of Schools.

CHARLES S. CLARK.

Office: City Hall Annex, Highland avenue.

Residence: 18 Pleasant avenue.

The Superintendent's office will be open on school days from 8 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.

Superintendent's clerks:—

Mary A. Clark, 42 Highland avenue.

Mildred A. Merrill, 57 Berkeley street.

Board Meetings.

January 25.	April 26.	September 27.	December 24.
February 22.	May 31.	October 25.	December 31.
March 29.	June 28.	November 29.	

8.15 o'clock.

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1909—Concluded.**STANDING COMMITTEES, 1909.**

Note.—The member first named is chairman.

High Schools.—Sanborn, Mahoney, Curtis, Clancy, Clarke, Foster, Fiske.

District I.—Curtis, Chaffee, Foster.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—Bradley, Clancy, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Whitaker, Clarke, Curtis.

POPE, BELL, CUMMINGS.

District IV.—Kirkpatrick, Foster, Chaffee.

EDGERLY, GLINES.

District V.—Folsom, Sanborn, Kirkpatrick.

FORSTER, BINGHAM.

District VI.—Fiske, Pote, Folsom.

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

District VII.—Mahoney, Mrs. Attwood, Fiske.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Mahoney, Sanborn, Curtis, Clancy, Clarke, Kirkpatrick, Fiske, Woods, Burns.

Evening Schools.—Fiske, Folsom, Whitaker.

Finance.—Chaffee, Bradley, Whitaker, Woods, Burns.

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

Medical Inspection.—Curtis, Pote, Mahoney.

Music.—Mrs. Attwood, Curtis, Bradley.

Private Schools.—Clancy, Pote, Kirkpatrick.

Repairs of School Buildings.—Folsom, Clancy, Foster.

Rules and Regulations.—Bradley, Fiske, Mahoney.

Salaries.—Kirkpatrick, Whitaker, Sanborn.

Supplies.—Clarke, Chaffee, Sanborn.

Text-Books and Courses of Study.—Whitaker, Chaffee, Bradley, Kirkpatrick, Folsom, Pote, Mrs. Attwood.

Vacation Schools.—Pote, Foster, Mrs. Attwood.

TABLE 29.—TEACHERS IN SERVICE JANUARY, 1909.

NAME AND RESIDENCE.	Salary.	Began Service.
LATIN HIGH SCHOOL.		
Central Hill.		
GEORGE L. BAXTER, Head Master, 27 Warren Avenue	\$3,000	1867
Frank M. Hawes, Master, 257 School Street	2,000	1879
Charles T. Murray, Master, 28 Franklin Street	1,850	1878
G. M. Hosmer, Sub-Master, 13 Arlington Street	1,400	1901
W. D. Sprague, Sub-Master, 16 Pleasant Avenue	1,700	1906
F. H. Wilkins, Sub-Master, 61 Boston Street	1,500	1906
Frances W. Kaan, 133 Central Street	1,200	1882
Lena Gilbert, 51 Elmwood Street	1,000	1892
Eudora Morey, 26 Batavia Street, Boston	900	1874
Mabel G. Curtis, 49-A Trowbridge Street, Cambridge	900	1903
F. Gertrude Perkins, Pleasant Street, Belmont	900	1906
Gertrude M. Hall, 39 Walnut Street	900	1907
Mabel E. Bowker, 88 Hancock Street, Cambridge	900	1908
Mary Cliff, 427 Shawmut Avenue, Boston	900	1908
Grace E. W. Sprague, 230 Massachusetts Avenue, Boston	900	1908
ENGLISH HIGH SCHOOL.		
Central Hill.		
JOHN A. AVERY, Head Master, 22 Dartmouth Street	\$2,700	1895
Everett W. Tuttle, Master, 62 Highland Avenue	1,900	1895
Harry L. Jones, 137 Powder House Boulevard	1,700	1896
Howard W. Poor, 27 Mt. Vernon Street, Reading	1,700	1896
George W. Earle, 9 Pleasant Avenue	1,700	1901
Charles F. Abbott, 49 Boston Street	1,700	1901
Harry F. Sears, 44 Orris Street, Melrose Highlands	1,700	1901
Frederick O. Smith, 135 Powder House Boulevard	1,600	1904
William W. Obear, 69 Walnut Street	1,600	1906
Laurence A. Sprague, 17 Perkins Street, West Newton	1,200	1906
John M. Jaynes, 29 Putnam Street	1,050	1901
Archibald S. Bennett, 12 Grand View Avenue	1,400	1908
A. Marion Merrill, 66 Highland Avenue	1,200	1895
Eda L. Nichols, 53 Laurel Street	1,200	1895
Mrs. Mary C. Thurston, 271 Medford Street	1,000	1898
Harriet E. Tuell, 10 Harvard Place	1,000	1897
Helen L. Follansbee, 40 Vinal Avenue	1,100	1900
Elizabeth Campbell, 15 Pleasant Avenue	1,000	1902
Mrs. Jessamine D. Wolcott, Jason Terrace, Arlington	1,000	1895
A. Laura Batt, 66 Highland Avenue	1,000	1895
M. Helen Teele, 11 Jason Street, Arlington	1,000	1895
Clara A. Johnson, 177 Central Street	1,000	1897
Bertha P. Marvel, 62 Highland Avenue	1,000	1899
Elizabeth H. Hunt, 108 Gainsboro Street, Boston	900	1908
Bessie D. Davis, 13 Mt. Vernon Street	900	1901
Ella D. Gray, 147 Walnut Street	900	1901
Nina A. Cummings, 47 Wallace Street	900	1903
Nellie H. Swift, 78 Boston Street	900	1904
Ruth Tousey, 106 Professors Row	900	1904
Anna Pushee, 10 Harvard Place	900	1904
Bessie L. Forbes, 92 Orchard Street	900	1899
Bertha A. Raymond, 1080 Boylston Street, Boston	900	1900
Blanche S. Bradford, 161 Summer Street	850	1903
Grace E. Burroughs, 83 Munroe Street	900	1906
Mabel Butman, 15 Prospect Hill Avenue	900	1906
Mary E. Hadley, 46 Westminster Avenue, Arlington Heights	900	1907
Grace Gatchell, 60 Vinal Avenue	850	1906
Winifred E. Howe, 60 Vinal Avenue	900	1907
Flora E. Anderson, 8-A Hancock Street	850	1907
A. Marguerite Browne, Cambridge	800	1908
Annie C. Woodward, 150 School Street	600	1906
Mabell M. Ham, 41 Boston Street	700	1906

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
(WILLIAM H.) PRESCOTT SCHOOL. Pearl and Myrtle Streets.			
9.	SAMUEL A. JOHNSON, Master, 83 Thurston Street	\$1,900	1893
9.	Elizabeth M. Warren, 420 Broadway	700	1897
8.	Susie M. Hosmer, 31 Thurston Street	700	1899
7.	Emma M. Cate, 15 Fletcher Street, Winchester	700	1882
6.	Florence A. Eaton, 74 Walnut Street	700	1906
6.	Rebekah Bruorton, 32 Federal Street, Reading	700	1908
5.	Georgiana Smith, 61 Pearl Street	700	1906
5.	Georgia P. Wardwell, 21 Pleasant Avenue	700	1906
4.	Clara Taylor, 36 Flint Street	700	1871
3.	Elizabeth L. Marvin, 17 Newbury Street, Malden	700	1898
2.	Louise E. Pratt, 110 Pearl Street	700	1889
1.	A. Louise Bean, 38 Pearl Street	700	1904
SANFORD HANSCOM SCHOOL. Webster and Rush Streets.			
6.	ELIZABETH M. COLLINS, Principal, 62 Highland Avenue	\$950	1901
Asst.	Agness M. Travis, Winthrop Highlands	700	1908
5.	Mary V. Williams, 73 High Rock Street, Lynn	650	1908
4.	Frances E. Robinson, 89 Cross Street	700	1906
4.	Mary B. Nelson, 15 Pleasant Avenue	700	1908
3.	Adelaide J. Anderson, 98 Highland Road	525	1906
2.	Maude E. Nichols, 38 Pearl Street	700	1906
2.	Jennie M. Twiss, 67 Berkeley Street	700	1903
1.	Phenie L. DuGar, 52 Highland Avenue	700	1907
1.	Mattie L. Littlefield, 65 Glen Street	700	1897
Kind'n.	Elizabeth J. Baker, 78 Highland Avenue	600	1907
Asst.	Gladys Loring, 76 Highland Avenue	425	1906
JOSHUA H. DAVIS SCHOOL. Tufts Street.			
3.	MARY A. HOLT, Principal, 72 Boston Street	\$775	1899
5, 4.	Mrs. Jennie A. Drew, 49 Crown Street	700	1903
2.	Carrie T. Lincoln, 79 Marshall Street	700	1893
1.	P. A. Merritt, 96 Oxford Street	700	1885
CLARK BENNETT SCHOOL. Poplar and Maple Streets.			
5, 6.	ANNIE E. McCARTY, Principal, 24 Stone Avenue	\$1,000	1880
Asst.	Kate B. Gifford, 50 Columbus Avenue	700	1902
5.	Edith A. Maxwell, 22 Aldersey Street	700	1906
4.	Katherine Pike, 72 Rush Street	700	1906
4.	Marie Neis, 19 Prospect Hill Avenue	700	1903
3.	Nellie F. Eaton, 3 Summit Avenue	700	1906
3.	Katharine C. Connolly, 101 School Street	700	1897
2.	Eleanor W. Nolan, 72 Rush Street	700	1906
2.	Mrs. Nettie L. Fay, 67 Walnut Street	700	1901
1.	Isadore E. Taylor, 36 Flint Street	700	1883
1.	Bertha M. Martindale, 21 Highland Avenue	700	1902
1.	Mrs. Cora B. Gowen, 398 Highland Avenue	700	1906
Kind'n.	Caroline G. Baker, 40 Benton Road	600	1896
Asst.	Alice M. Saben, 110 Pearl Street	425	1903

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
GEORGE L. BAXTER SCHOOL.			
Bolton Street.			
5.	HELEN TINCKER, Principal, 17 Bonner Avenue	\$825	1872
4.	Etta R. Holden, 12 Warren Avenue	700	1908
3.	Julia A. Mahoney, 16 Parker Street	700	1904
2.	Agatha G. F. Commins, 24 Hanson Street	700	1901
2.	Nona Blackwell, 45 Ibbetson Street	525	1908
1.	Maria D. McLeod, 1 Highland Park, Cambridgeport	700	1906
Asst.	Lynda V. Merrill, 11 Marion Street	350	1908
Kind'n.	Eleanor A. Connor, 59 Church Street	600	1903
Asst.	Mary T. McCarthy, 24 Preston Road	275	1903
OREN S. KNAPP SCHOOL.			
Concord Avenue.			
9.	JOHN SHERBURNE EMERSON, Master, 3 Preston Road,	\$1,900	1894
9.	Nina M. Doanan, 22 Walnut Street	775	1904
9, 8.	Mary J. Malaney	700	1908
8.	Mrs. Harriet C. Hamilton, 42 Walnut Street	700	1900
7.	Minnie A. Holden, 19 Concord Avenue	700	1906
7.	Clara B. Parkhurst, 22 Highland Avenue	700	1889
7.	Clara B. Sackett, 91 Summer Street	700	1891
6.	Edith Hersey, 154 Washington Avenue, Chelsea	700	1899
6.	Florence M. Hopkins, 50 Craigie Street	600	1907
5.	Daisy King, Union Square Hotel, Somerville	700	1905
4.	Annie E. Robinson, 61 Preston Road	700	1876
3.	L. Gertrude Allen, 230 Washington Street	700	1884
2.	Minnie Alice Perry, 14 Greenville Street	700	1891
1.	Blanche L. Paine, 23 Wesley Park	600	1905
ALBION A. PERRY SCHOOL.			
Washington Street, near Dane.			
6.	CATHERINE E. SWEENEY, Principal, 663 Broadway	\$825	1901
5.	Eva A. Wilson, 4-A Pleasant Avenue	500	1908
4.	Irene Vincent, 47 Vinal Avenue	700	1903
3.	Mary G. Blackwell, 45 Ibbetson Street	700	1900
2.	Charlotte Holmes, 61 Columbus Avenue	700	1899
1.	Mrs. Sarah E. Murphy, 21 Fountain Avenue	700	1906
Asst.	Lillian M. Huntington, 44 Preston Road	525	1907
Asst.	Alice L. Reid, 37 Spring Street	350	1903
CHARLES G. POPE SCHOOL.			
Washington and Boston Streets.			
9.	GEORGE M. WADSWORTH, Master, Whitman	\$1,900	1891
9.	Florence A. Chaney, 78 Huntington Avenue, Boston	775	1892
8, 9.	Alice I. Norcross, 28 Russell Avenue, Watertown	725	1885
8.	Harriet M. Clark, 10 Vernon Street, West Medford	700	1893
7.	Mrs. Blanche G. North, 103 Kidder Avenue	700	1893
6, 7.	M. Abbie Tarbett, 11 Washington Street, Stoneham	700	1906
6.	Minnie A. Blood, 27 Putnam Street	700	1897
6.	Lena F. Shaw, 23 Abbott Street, Dorchester	700	1905
5.	Lizzie W. Parkhurst, 22 Highland Avenue	700	1885
4.	Annie G. Sheridan, 84 Prospect Street	700	1886
3.	Mabel K. Davis, 11 Harvard Place	700	1904
2.	Florence E. Locke, 9 Prospect Hill Avenue	700	1899
1.	Alice B. Frye, 6 Chester Street, Malden	700	1904

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
LUTHER V. BELL SCHOOL. Vinal Avenue.			
9.	HARLAN P. KNIGHT, Master, 61 Putnam Street	\$1,900	1897
9.	Alice L. Davis, 40 Vinal Avenue	775	1895
9, 8.	Grace E. Weeks, 32 Vinal Avenue	725	1899
7.	Eva R. Barton, Stoneham	700	1904
6, 7.	Mary F. Osborne, 67 Boston Street	650	1908
6.	Maribelle Curtis, 55 Putnam Street	700	1895
5.	Mrs. Mabel T. Totman, 21 Highland Avenue	700	1893
5.	Emma F. Schuch, 25 Tufts Street	700	1874
4.	Ella H. Buckman, 27 Putnam Street	700	1897
3.	Helen C. Gray, 10 Gardner Street, Cambridge	700	1908
2.	Martha E. Daniels, 93 Concord Avenue	700	1891
1.	Lucia Alger, 29 Columbus Avenue	700	1889
(JOHN A.) CUMMINGS SCHOOL. School Street, near Highland Avenue.			
3.	FANNIE L. GWYNNE, Principal, 65 School Street	\$775	1886
4.	Daisy W. Cushman, 40 Vinal Avenue	700	1906
2.	Angeline Cann, Hotel Woodbridge	700	1897
1.	Elizabeth L. Hersey, 11 East Newton Street, Boston	700	1896
(JOHN G.) EDGERLY SCHOOL. Cross and Bonair Streets.			
9.	CHARLES E. BRAINARD, Master, 82 Munroe Street	\$1,900	1889
9.	M. Eva Warren, 151 Walnut Street	775	1906
9.	Annie L. Dimpsey, Hotel Woodbridge	700	1891
8.	Mary E. Richardson, 14 Stickney Avenue	700	1893
8.	Mabel Washburn, 14 Greenville Street	700	1906
7.	Mabel C. Mansfield, 14 Stickney Avenue	700	1893
7.	Isabelle M. Gray, 23 Webster Street	700	1897
6.	Edith M. Snell, 4 Vine Street, Melrose	700	1900
5.	G. Hortense Pentecost, 151 Walnut Street	700	1905
4.	J. Louise Smith, 196 Washington Street, Lynn	700	1896
3.	Lillian Nealley, 109 Glen Street	700	1882
2.	Alice W. Cunningham, 42 Highland Avenue	700	1901
1.	Martha M. Power, 37 Gleason Street, West Medford	700	1890
JACOB T. GLINES SCHOOL. Jaques Street, near Grant Street.			
9.	MARY E. NORTHUP, Master	\$1,900	1878
9.	Mary E. Stiles,	775	1883
8.	Mary A. Lawry, 203 Broadway	700	1905
7.	Lilla M. Marble, 72 Rush Street	700	1902
6, 7.	Louise Richardson, 307 Medford Street	700	1907
6.	Ellen A. Boynton, 9 Oakland Avenue	700	1891
5.	Margaret A. Orr, 15 Blagden Street, Boston	700	1890
4.	Mary A. Goddard, 9 Winter Hill Circle	700	1893
3.	Florence E. Baxter, 49 Hudson Street	700	1891
2, 3.	Leslie Caverly, 210 Washington Avenue, Chelsea	600	1908
2.	Anna G. Welch, 324 Main Street, Stoneham	700	1897
1.	Mrs. Carrie Armitage, 57 Madison Street	700	1899
1.	Isabel J. Tift, 37 Madison Street	700	1892
Kind'n.	Mrs. Etta D. Ellsworth, 112 Newbury Street, Boston	600	1897
Asst.	Ida M. Kane, 28 Fellsway West	425	1905

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
(CHARLES) FORSTER SCHOOL. Sycamore Street and Evergreen Avenue.			
9.	FRED C. BALDWIN, Master, 106 Sycamore Street	\$1,900	1893
9.	Irene S. Nightingale, 14 Court Street, Arlington	775	1895
9.	Emma G. Blanchard, 146 Mass. Ave., Boston, Suite 622	725	1902
8.	Emma M. Damon, 9 Oakland Avenue	700	1908
8.	Mary M. Badger, 18 Dartmouth Street	700	1908
7.	Philena A. Parker, 27 Elmore St., Arlington Heights	700	1908
7.	Mabel F. Powell, 34 Cambria Street	650	1908
6.	Mrs. Mina P. Bickford, 216 Park Street, Medford	700	1903
6.	Elizabeth F. Clement, 29 Kidder Avenue	700	1884
5.	Mary I. Bradish, 54 Logan Avenue, Medford	700	1899
5.	Elizabeth S. Brown, 14 Stickney Avenue	700	1897
4.	Laura R. Cunningham, 42 Highland Avenue	700	1904
4.	Gertrude M. Sias, 37 Wordsworth St., East Boston	700	1903
3.	*E. Mina Smith, 2 Pembroke Street	700	1896
3.	Mrs. Annie J. Ireland, Winchester	700	
3.	Annie S. Gage, 32 Marshall Street	700	1881
2.	Mabel G. Delano, 108 Cross Street	700	1901
2.	Martha L. Hale, 157 Highland Avenue	700	1899
1.	Grace Shorey, 23 Forster Street	700	1892
1.	Cora J. Demond, 146 Massachusetts Avenue, Boston	700	1900
(NORMAN W.) BINGHAM SCHOOL. Lowell Street, near Vernon Street.			
9.	HARRY F. HATHAWAY, Master, 495 Broadway	\$1,900	1890
9.	Elizabeth J. O'Neil, 72 Central Street	775	1904
8.	Elizabeth J. Mooney, 168 Summer Street	700	1894
7.	Jane Batson, 140 Clifton Street, Malden	700	1900
7.	Naomi E. Stevens, 134 Austin Street, Cambridge	700	1902
6.	Georgia M. Robbins, 495 Broadway	700	1906
6.	Lucy K. Hatch, 103 Glenwood Road	700	1892
6.	Mary F. Mead, 35 Kidder Avenue	700	1905
5.	Harriet F. Ward, 30 Adams Street	700	1895
4.	Eva M. Barrows, 118 Rogers Avenue	700	1903
4.	Helen L. Galvin, Braintree	700	1903
3.	Harriet M. Bell, 34 Bow Street	700	1904
3.	Bessie J. Baker, Malden	700	1905
2.	Grace F. Mulcahy, 350 Broadway	700	1903
2.	Nellie R. Bray, 7 Jasper Street	700	1897
1.	Mabel E. Mansir, 77 Albion Street	700	1894
1.	Clara L. Griffiths, 39 Ames Street	700	1902
MARTIN W. CARR SCHOOL. Beech Street.			
9.	CHARLES G. HAM, Master, Watertown	\$1,900	1898
9.	May E. Berry, 14 Billingham Street	775	1880
9.	Clara D. Eddy, 61 Central Street	725	1902
8.	Mrs. Mary E. Soule, 124 Summer Street	700	1901
8.	Harriet A. Hills, 14 Billingham Street	700	1874
7.	Marion P. Crawford, 124 Summer Street	700	1897
7.	Marie T. Smith, 15 Day Street	700	1898
6.	Susie L. Luce, 8 Walter Terrace	700	1896
6.	Mary A. Haley, 117 Summer Street	700	1867
5.	Grace T. Merritt, 47 Cherry Street	700	1897
5.	Elizabeth S. Foster, 11 Preston Road	700	1895
4.	Leila L. Rand, 87 Raymond Street, Cambridge	700	1908.
4.	Florence B. Howland, 6 Highland Avenue	700	1897
3.	L. Isadore Wood, 98 Oxford Street	700	1906
2, 3.	Florence M. Dearborn, 35 Laurel Street	700	1904
2.	Ethel F. Morang, 157 Lowell Street	700	1898
1.	Annie B. Russell, 45 Russell Street	700	1901
1.	Pearl F. Dame, 1 Ellsworth Street	350	1906
Asst.			

*Leave of absence.

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
(ENOCH R.) MORSE SCHOOL. Summer and Craigie Streets.			
9.	MINA J. WENDELL, Master, 211-A Summer Street	\$1,900	1882
9.	Alice E. Jones, 23 Greene Street	775	1897
8.	Mrs. M. Florence Eustis, 35 Laurel Street	725	1906
8.	Mrs. Clara A. Ball, 12 State Street, Cambridge	700	1906
7.	Ruth Sutton, 67 Westland Avenue, Boston	500	1908
7.	Lennie W. Bartlett, 11 Preston Road	700	1893
6.	Blanche E. Thompson, 108 School Street	700	1906
5.	Lizzie E. Hill, 33 Mt. Vernon Street, Boston	700	1890
4.	Alice B. Hazelton, 25 Monmouth Street	700	1904
3.	Mrs. Agnes C. Rice, 20 Spring Hill Terrace	700	1900
3.	Ardelle Abbott, 71 Craigie Street	700	1896
1, 2.	Annie L. Ball, 52 Wallace Street	700	1908
1.	Grace S. Russell, 1097 Broadway	700	1900
Asst.	Emma M. McKinley, 65 Grove Street	425	1907
GEORGE O. PROCTOR SCHOOL. Hudson Street.			
6.	NORA F. BYARD, Principal, 15 Draper Ave., Arlington,	\$900	1884
Asst.	Annie Sanburn, 20 Ashburton Place, Boston	700	1907
5, 6.	Emma A. Gilman, 130 Huntington Avenue, Boston	700	1903
5.	Alice G. Hosmer, 42 Boston Street	700	1906
4.	Abbie A. Gurney, 29 Columbus Avenue	700	1888
4.	Ella P. McLeod, 32 Charnwood Road	700	1888
3.	Clara L. Hammond, 62 Chandler Street	700	1903
3, 2.	Edith L. Hunnewell, 23 Milton Street	700	1894
1, 2.	Mary S. Richardson, 13 Bartlett Street	600	1906
1.	L. Margaret Potter, 59 Belvidere Street, Boston	700	1906
GEORGE W. DURELL SCHOOL. Beacon and Kent Streets.			
4.	ABIGAIL P. HAZELTON, Principal, 25 Monmouth Street,	\$775	1902
3.	Lucie H. Chamberlain, 168 Summer Street	700	1907
2.	Mrs. Cora F. Woodward, 49 Linden Avenue	600	1908
1.	Mary Winslow, 38 Spring Street	700	1887
MARK F. BURNS SCHOOL. Cherry Street, near Highland Avenue.			
7.	LAURA J. BROOKS, Principal, 31 Stevens St., Stoneham,	\$900	1883
Asst.	Mrs. Mary C. Buck, 11 Powder House Terrace	350	1899
6.	Cara M. Johnson, 130 Park Ave., Arlington Heights	700	1897
5.	Minnie S. Turner, 153 Lowell Street	700	1885
4.	Bessie I. Sutton, 67 Westland Avenue, Boston	700	1907
3.	Annie L. Brown, 38 Charnwood Road	700	1885
2.	Mary E. Lacy, 63 Cherry Street	700	1890
1, 2.	Mrs. Emma B. Jones, 18 Sargent Avenue	700	1889
1.	Alice E. Morang, 157 Lowell Street	700	1893
BENJAMIN G. BROWN SCHOOL. Willow Avenue and Josephine Avenue .			
9.	GEORGE I. BOWDEN, Master, Hingham	\$1,600	1908
9.	Annie G. Smith, 59 Maple Street, Malden	775	1901
8.	Jennie P. Chapman, 2 Kenwood Street	700	1905
7.	Edith G. Watts, 16 Fosket Street	700	1904
6.	Mrs. Phebe E. Mathews, 159 Morrison Avenue	700	1897
5.	Grace J. Alexander, 49 College Avenue	700	1900
4.	Edna M. Proctor, 93 Revere Street, Boston	700	1901
3.	Lucy M. Curtis, 77 Walnut Street	700	1900
2.	Mrs. Grace H. Bliss, 78 Summer Street	700	1900
2, 1.	Rena H. Wiley, 116 Pearson Avenue	525	1906
1.	Ida M. Record, 77 Walnut Street	700	1899

TABLE 29.—Teachers in Service January, 1909.—Continued.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
HIGHLAND SCHOOL.			
Highland Avenue and Grove Street.			
9.	AARON B. PALMER, Master, 18 Bay State Avenue	\$1,900	1905
9.	Grace M. Clark, 10 Vernon Street, West Medford	700	1893
8, 9.	Marguerite Burns, 64 Hall Avenue	725	1907
8.	Mary L. Bryant, 24 Hall Avenue	700	1903
8.	Mrs. Nellie G. Stewart, 11 Hawthorne Street	700	1908
7.	Elsie M. Ross, 201 Morrison Avenue	650	1908
7.	Katie D. Greenleaf, 201 Morrison Avenue	650	1908
6.	Sarah E. Pray, 126 Orchard Street	700	1877
6.	Florence L. Fletcher,		
5.	Mary H. Joyce, 76 Boston Street	700	1891
5.	Lillian F. Richardson, 33 Wallace Street	700	1904
4, 5.	Marie Clifford, 45 Oxford Street, Cambridge	700	1907
4.	Edda C. Locke, 22 Francesca Avenue	700	1908
WILLIAM H. HODGKINS SCHOOL.			
Holland Street.			
9.	ARTHUR L. DOE, Master, 1077 Broadway	\$1,900	1896
9.	Alice M. Winslow, 23 Winthrop Street, Malden	775	1896
9.	N. Irene Ellis, 15 Kidder Avenue	725	1903
8.	Edith W. Emerson, 135 Central Street	700	1896
8.	Alice S. Hall, 135 Central Street	700	1896
7.	Lilla E. Mann, 75 Wallace Street	700	1902
7.	Josephine T. Field, 40 Inman Street, Cambridge	700	1903
6.	Mrs. Gertrude W. Leighton, 85 Central Street	700	1895
6.	Beatrice A. Randall, 14 Oxford Street, Cambridge	700	1905
5.	Flora A. Burgess, Arlington Heights	700	1894
5.	Catherine A. Burden, 406 Highland Avenue	700	1902
4.	Genieve R. Barrows, Waban	700	1905
4.	Katherine M. Fox, Stoneham	700	1896
1, 2.	Jennie M. Patterson, 17 Avon Street	700	1903
1.			
Asst.	Ellen A. Baker,	350	1908
(CHARLES S.) LINCOLN SCHOOL.			
Broadway, near Teele Square.			
3, 2.	ELIZA H. LUNT, Principal, 50 Curtis Street	\$775	1889
3.	Olivia M. Woods,		
2.	Almena J. Mansir, 77 Albion Street	700	1899
1.	Annie H. Hall, 97 College Avenue	700	1906
Asst.	Hortense F. Small, 9 Newbury Street	425	1908
MARTHA PERRY LOWE SCHOOL.			
Morrison Avenue, near Grove Street.			
4.	MAY E. SMALL, Principal, 12 Day Street, Cambridge	\$900	1900
Asst.	Annie Sanburn, 20 Ashburton Place, Boston	700	1907
3.	Alice M. Dorman, 159 Morrison Avenue	700	1903
3.	Maude C. Valentine, 1098 Broadway	700	1901
3.	Stella M. Holland, 46 Chester Street	700	1903
2.	Mrs. Jane M. Taaffe, 159 Morrison Avenue	700	1888
2.	Katherine E. Hourahan, 296 Highland Avenue	700	1892
1.	Clara G. Hegan, 100 School Street	700	1897
1.	Martha A. Jencks, 64 Hall Avenue	700	1898
EVENING SCHOOL PRINCIPALS.			
	GEORGE W. EARLE, High	\$6.00	
	CHARLES T. MURRAY, Prescott	3.00	
	JOHN S. EMERSON, Bell	4.00	
	CHARLES E. BRAINARD, Highland	3.00	

TABLE 29.—Teachers in Service January, 1909.—Concluded.

Grade.	NAME AND RESIDENCE.	Salary.	Began Service.
CADET TEACHERS.			
	Frances E. Welch	\$200	1908
SPECIAL TEACHERS.			
MUSIC.			
7-13.	S. Henry Hadley, 46 Pearl Street	\$1,700	1868
6-1.	Charlotte D. Lawton, 11 East Newton Street, Boston	1,000	1898
DRAWING.			
9-1.	Mary L. Patrick, Newtonville	1,000	1895
SEWING.			
8-5.	Mary L. Boyd, 43 Tennyson Street	700	1888
8-5.	Emma J. Ellis, 54 Marshall Street	700	1900
8-5.	Bertha P. Paul, 23 Monmouth Street	700	1900
8-5.	Sarah I. Gale, 10 Brastow Avenue	500	1908
PENMANSHIP.			
9-1.	William A. Whitehouse, 70 Central Street	1,500	1895
MANUAL TRAINING.			
9, 8.	Andrew Bjurman, 15 Fairview Terrace, Maplewood	1,400	1907
9, 8.	Willis E. Higgins, 67 Beech Street	1,400	1907
ASSISTANT IN PROCTOR AND LOWE.			
	Annie Sanburn, 20 Ashburton Place, Boston	700	1906
ASSISTANT IN BURNS.			
	Mary C. Buck	350	1908

TABLE 30.—OFFICERS, ETC., IN SERVICE JANUARY, 1909.

NAME AND ADDRESS.	Salary.
Charles S. Clark, 18 Pleasant Avenue	\$3,000
CLERKS.	
Mary A. Clark, 42 Highland Avenue	700
Mildred A. Merrill, 57 Berkeley Street	550
TRUANT OFFICERS.	
Justin W. Lovett, 13 Hudson Street	1,300
Jairus Mann, 80 Porter Street	50

TABLE 31.—SCHOOL JANITORS, JANUARY, 1909.

School.	Name.	Residence.
Latin High, S	Joseph Young	51 Oxford St.
Latin Annex	William H. Kelley	25 Aldrich St.
English High, S	Lewis G. Keene	109 Hudson St.
English High, S	Edwin Adler	22 Robinson St.
Prescott, S, 12	George A. McGunnigle	50 Pearl St.
Hanscom, S, 10	William H. Allen	29½ Alston St.
Davis, F, 4	George H. Clapp	35-A Franklin St.
Bennett, S, 12	Daniel T. Campbell	11 Sellon Place
Baxter, S, 6	Israel Winterbottom	2 Bolton St.
Knapp, S, 12	Substitute	
Perry, S, 6	Henry C. Bradford	72 Boston St.
Pope, S, 12	Hiram A. Turner	16 Gibbens St.
Bell, S, 12	F. S. Dickinson	1 Putnam St.
Cummings, F, 4	Substitute	
Edgerly, S, 12	Charles P. Horton	22 Everett Ave.
Glines, S, 14	Roy C. Burckes	249 School St.
Forster, S, 18	George W. Coombs	34 Tufts 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	John W. Cremen	69 Oxford St.
Proctor, S, 8	George W. Libby	215 Pearl St.
Durell, S, 4	Ellsworth C. Lundgren	50 Harrison St.
Burns, S, 8	Charles Gallaway	160 Hudson St.
Brown, S, 10	O. M. Pote	23 Howe St.
Highland, F, 12	E. Parker Cook	398 Highland Ave.
Hodgkins, S, 14	John Shea	97 Gilman St.
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, 1908.

Trustees.

EDWARD C. BOOTH, M. D. IRVING G. HALL.
JOHN B. VIALI. FREDERICK W. PARKER.
J. FRANK WELLINGTON. THOMAS M. DURELL, M. D.
HOWARD D. MOORE. WILLIAM L. BARBER.
REV. CHARLES L. NOYES.

Officers.

EDWARD C. BOOTH, M. D. President
SAM WALTER FOSS Secretary

Committees.

Building and Grounds—Viall, Wellington, and Hall.
Administration—Wellington, Parker, and Durell.
Books and Catalogues—Booth, Viall, Moore, Hall, Noyes, and Durell.
Finance—Parker, Moore, and Barber.

Librarian.

SAM WALTER FOSS.

Assistant Librarian.

FLORENCE D. HURTER.

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.

BESSIE L. DUDDY. FLORENCE M. BARBER.
NELLIE M. WHIPPLE. A. MYRTLE MERRILL.
ALICE W. SEARS. ETHEL M. NUTE.

Attendants.

SAXTON C. FOSS. WILLIAM E. BAGSTER.
CECIL M. BARLOW. EDGAR L. KAULA.

Janitor.

CHARLES A. SOUTHWICK.

PUBLIC LIBRARY ACCOUNT.

Receipts and Expenditures for 1908.

CREDIT.	
Appropriation	\$16,000 00
Dog tax	4,214 39
West Somerville Branch	154 80
School Contingent account	2 48
Fines, etc.	863 20
Total	\$21,234 87

DEBIT.	
Books and periodicals	\$5,007 18
Binding	3,680 53
Cards	108 95
Printing	631 71
Stationery	85 03
Salaries	10,109 16
Agencies	747 74
Express	391 33
Postage	17 00
Telephone	56 40
Supplies	95 70
Binders	41 15
A. L. A. membership	5 00
Index	3 00
Repairs	47 28
Insurance	191 25
Sundries	15 00
Balance unexpended	1 46
Total	\$21,234 87

West Somerville Branch.

CREDIT.	
Appropriation	\$1,000 00
DEBIT.	
Books and periodicals	\$986 05
Express	35
Cards	11 95
Balance unexpended	1 65
Total	\$1,000 00

Isaac Pitman Art Fund.

CREDIT.	
Balance from 1907	\$89 51
Interest July 1, American Telephone & Telegraph Co.	80 00
Interest December 31, American Telephone & Telegraph Co.	80 00
Interest accruing on deposits December 31	10 14
Total	\$259 65

DEBIT.

Books and pictures purchased in 1908	\$144 03
Balance carried to 1909	115 62
	<hr/>
Total	<u>\$259 65</u>

Isaac Pitman Poetry Fund.

CREDIT.

Balance from 1907	\$64 92
Interest July 1, American Telephone & Telegraph Co.	20 00
Interest December 31, American Telephone & Telegraph Co.	20 00
Interest accruing on deposits to December 31	2 54
	<hr/>
Total	\$107 46

DEBIT.

Books purchased in 1908	\$63 17
Balance carried to 1909	44 29
	<hr/>
Total	<u>\$107 46</u>

REPORT OF THE TRUSTEES.

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

Gentlemen,—The annual report of the trustees of the public library is herewith respectfully submitted.

We have appended to and made a part of our report the full report of the librarian, to which your honorable body is referred for the details of the year's work. It remains for us to emphasize some points in this report, and to consider the necessities of the library for the coming year.

The general work of the library has been conducted along the same lines as in recent years, without the inauguration of any new form of activity or the discontinuance of any important feature of the past.

The volume of business, which has been constantly increasing, has been considerably greater during the present year. The circulation has increased from 419,539 to 448,224 since our last report, an increase of 6.83 per cent. over the circulation of 1907, in comparison with an increase of 2.16 per cent. of the year 1907 over that of the previous year. In this general increase the circulation of fiction has proportionately increased, so that our usual percentage of about 70 per cent. of works of fiction borrowed remains unaltered.

While the work of the various agencies has continued without marked change as a whole, the circulation of the East Somerville agency has considerably increased, and that of the Highland district has fallen behind. These variations are probably due to transient local conditions and have no significance.

The loss of books from the library has been the subject of much solicitude since the inauguration of free access of the public to the shelves seven years ago, and such data as could be obtained showed losses too serious in point of numbers to be lightly passed over; and even the question of withdrawing the privileges of personally examining the books at the shelves has been seriously considered. A thorough inventory taken this year has, however, been reassuring in its results, and certainly for the present has put out of mind any thought of returning to the old method of closed shelves. This inventory shows that substantially 168 books in the main library, 148 in the children's department, and six in all other departments have been lost in the last two years. This loss, a third of which was in the class of fiction, is not greater than could reasonably be expected, occurring, as it has, during a circulation of eight or nine hundred thousand volumes and is trivial from a money point of view.

Whether this not unsatisfactory showing is in consequence of greater vigilance on the part of attendants, closer inspection

at the turnstiles, the use of the perforated stamp on the title page of the books, or the posting of cards of warning about the building, or whether it is due, in a considerable degree, to a more exhaustive inventory cannot be known; but it is natural to believe that all of these causes have contributed to the result.

We have received during the year a gift of \$100 for the children's department by the will of Miss Frances A. Wilder, of Lancaster, who was for many years a faithful teacher in the public schools of this city. This is a small gift, to be sure, and to some it may appear unimportant, but it will place one or more good books in the hands of many children of Somerville each year as long as the library shall endure. And we wish to mark our appreciation of such an offering gathered from small savings, and equally, as if it were larger, we honor the public spirit of the giver.

The sum of \$1,000, asked of your board a year ago for the purchase of books for the West Somerville branch library, that a proper equipment might be in readiness at the opening of the building, was granted, and during the year 1,347 books have been purchased, as favorable opportunity offered, which with the 1,134 duplicates that could be spared from the main library and the 1,450 books now on the shelves of the West Somerville and Highland agencies, making a total of 3,931 volumes, form a respectable nucleus for the new branch.

As it seems probable that the building will be completed and ready for occupancy during the coming spring, it becomes necessary that we should prepare and present to your board an estimate of the cost of maintaining this new addition to our activities. We have, therefore, caused various schedules to be made exhibiting the number of assistants required and the number of hours in which these assistants would be occupied, according to the times of day and the number of hours per week during which the branch might be kept open. After careful consideration the trustees have selected a schedule which promises satisfaction to the public, has due regard for expense, and is altogether the best suited to the requirements of the situation. By this schedule the library is kept open from one o'clock to nine o'clock P. M., for five days in the week, and from nine o'clock A. M. to nine o'clock P. M. on Saturday, with no Sunday opening; and the services of a librarian or custodian, two assistants, and one substitute will be required, the regular members of the staff working thirty-eight and one-half hours per week, including three evenings, and the substitute thirteen and one-half hours, with four evenings. In favor of these hours of opening, it may be said that the library building is least frequented during the morning hours, when, generally speaking, the children are at school, the men at business, and the women at home engaged in their domestic affairs. On the other hand, the evening demands on the library are very great, for this is a leisure season for nearly all, and is the only time when those actively

employed during the day can visit the library. The salaries of the staff, under this arrangement, approximate \$1,300 for the first year. This presupposes salaries of respectively \$300 and \$200 for the two assistants. As, however, the assistants gain in experience and usefulness, these amounts will increase year by year, as in the case of beginners at the main library, until the maximum salary of \$600 for assistants is reached. We estimate the total cost of maintenance by this schedule, exclusive of the care of the building, which comes under the charge of the commissioner of public buildings, and including \$1,000 for the purchase of books, to be approximately \$3,000.

For the maintenance of the main library for the coming year we ask for an appropriation of \$17,500 and the dog tax. The reason for asking for this excess of \$1,500 over the appropriation of last year is that we are alarmingly falling off in the purchase of books and that our binding bills have unavoidably greatly increased. This year but \$5,000 remained for the purchase of books and periodicals after the fixed charges of the library had been met. The average expenditure for this purpose for the five years preceding the last was \$6,450. The bill for binding for the present year was \$3,680.53; in no previous year has it exceeded \$2,400. This increase in the cost of binding is a natural consequence of the increasing use and age of our books. It is a penalty which we must pay for a great circulation.

The trustees have been importuned from time to time to establish reading-rooms in various parts of the city, especially in the vicinity of Union square. We believe that this particular part of the city is especially in need of the help of the library as supplementary to the work of the public schools; but we do not feel at liberty to ask for any appropriation for this object at this time, when the city is about to assume a new burden in library work. We estimate the yearly cost of maintaining a reading-room in Union square at \$1,500, and the trustees would gladly enter upon this work if the city council sees fit to make an appropriation for the purpose.

We again advert to the faithful services of the library staff. Our librarian has just completed a period of ten years in the service of the library. His work has been eminently satisfactory to the trustees, and we know, also, from abundant manifestations that he has been steadily growing in the love and regard of the people of Somerville.

Respectfully submitted for the board of trustees,

EDWARD C. BOOTH,

President.

December 29, 1908.

REPORT OF THE LIBRARIAN.

To the Trustees of the Somerville Public Library:—

I herewith submit the librarian's thirty-sixth annual report. Below is a statement, somewhat in detail, of the work done by the various departments of the library during the current year:—

The Cataloguing Department.

The cataloguing department, under the supervision of Miss Esther M. Mayhew, submits the following statistics:—

Books Added.	
Accession number January 1, 1908	92,891
“ “ “ “ 1909	99,196
Total number added during 1908:—	
Main library	4,958
Branch “	1,347
	6,305
Books new to library	3,251
Duplicates	3,054
Total number withdrawn	16,317
Total number in library	82,879

Binding.	
Volumes rebound	6,530
Periodicals bound	563
Paper-covered books bound	174
Pamphlets	42
	7,309

Books Withdrawn.	
Books worn out	2,008
“ lost by general readers	160
“ “ in schools	8
“ burned per order Board of Health	90
“ missing by inventory	322
	2,588
Total number of books withdrawn	2,588
Total number of books withdrawn to January 1, 1908	13,729
“ “ “ “ “ “ during 1908	2,588
	16,317

9,664 catalogue cards have been purchased from the Library of Congress during 1908.

In addition to the routine work of this department, a complete inventory of the library was taken by the cataloguers. This inventory was much more thorough than any previous inventory. Both cataloguers spent the entire month of June in

this work, and one day each week during the months of July, August, and September. They were assisted more or less by other members of the staff.

We find that the total loss of books from all departments of the library for a period of two years has been 322. The last inventory taken in 1906 for a period of one year showed a loss of 725, or more than twice the number reported lost in the two years of 1907-8. A loss of 161 books a year from a library circulating nearly 450,000 books, with all the books free of access to all readers, is a very good showing, and demonstrates that the dangers of the free access system are largely imaginary. There is no good reason why people should steal books when they can get them for nothing without stealing them.

School Department.

The school department, under the supervision of Miss Mary S. Woodman, shows a progressive increase of business from year to year. During the past year we have been unable, through lack of funds, to purchase as many books for this department as its developing needs require, but we have endeavored to supply the demands of the teachers as well as our facilities will permit. Several hundred dollars should be expended upon this department at a very early date for the purchase of books constantly requested by the schools.

At the suggestion of Superintendent Clark, all the pedagogical books of the library have been segregated in the school librarian's room that they may be more conveniently consulted by the teachers. The library has a respectable collection of books of this nature, and it is hoped that a well-equipped and exhaustive department of pedagogical works, with the co-operation of the superintendent of schools, may be collected.

A printed catalogue of all the books in the school department would be a great convenience to the teachers.

Below are the statistics of the department for the year:—

Books in library	7,501
Increase during year	125
Libraries out	160
Libraries delivered during year	175
Volumes out	6,403
Volumes delivered	7,642
Circulation during the year:—	
Fiction	52,428
Non-fiction	67,764
	120,192
Total	120,192

Reference and Art Department.

The reference and art department, under the supervision of Miss Mabel E. Bunker, has accomplished its usual amount of work during the year.

Below is given the monthly attendance for the year:—

January	844
February	1,007
March	1,449
April	777
May	804
June	563
July	408
August	598
September	814
October	864
November	949
December	1,032
Total	10,109
Number of visitors to the Art Room	209
“ “ “ “ Americana Room	186
Total	395
Number of volumes in Reference and Art Department	9,705
Increase during year	292

During the year there have been seventeen art exhibitions, as follows:—

Florence, No. 1, Piazza della Signoria and Piazza del Duomo.
 Ireland, No. 1, Cork to Killarney.
 Famous Pictures, No. 6.
 Alinari photographs of Foreign Architecture (our collection).
 Sargent's Works.
 Florence, No. 4.
 Greece, No. 1.
 Greece, No. 2.
 Japan, No. 3, Nikko.
 Representative Art of Our Time.
 The Hundred Most Eminent Men of All Time.
 Norway, No. 2.
 Shakespeare, No. 2.
 Rome, No. 2, Pt. 1.
 Rome, No. 2, Pt. 2.
 Japan, No. 1.
 Walter Crane, No. 2, Art for the Nursery.

Some of the books purchased during the year for this department:—

Brinton, Christian, Modern Artists.
 Catalogue of the Gardiner Greene Hubbard Collection of Engravings.
 Cortissoz, Royal, Augustus Saint-Gaudens.
 Die Galerien Europas, 2v.
 Gibbey, Sir Walter, George Morland, His Life and Work.
 Gartmann, Sadakichi, Shakespeare in Art.
 History of All Nations, 24v.
 Klassiker der Kunst, 2v.
 LeMoyne, L. V., Country Residences in Europe and America.
 McClellan, Elizabeth, Historic Dress in America.
 McKay, William D., Scottish School of Painting.
 Meister der Farbe, 1904, 1905, 1907.
 Modern Engineering Practice, 10v.
 Original Journals of the Lewis and Clark Expedition, 8v.
 Pennell, E. R. and J., Life of James McNeill Whistler, 2v.
 Pope, C. H., Pioneers of Maine and New Hampshire, 1632 to 1660.
 Ridpath, J. C., Great Races of Mankind, 8v.

The reference room is becoming uncomfortably crowded, and no space for the natural and regular development of the department is available. This matter should certainly be considered seriously during the coming year. If the building were sufficiently strong an upper story, reached by a winding staircase, might be added to the shelving around the room. There is some structural weakness in the room, however. But it ought not to be beyond the power of architect and carpenter to remedy this.

The Children's Department.

The children's department, under the supervision of Miss Anna L. Stone, has shown a healthy growth during the year. The circulation of this room has been 79,750, of which 64,185 have been fiction and 15,565 other works.

As I have recommended in previous reports great annoyance could be saved the patrons of our general reading room if a direct entrance to our children's room could be made from the outside. The noise and confusion in this room, caused by the passage of the children up and down the stairway, are a source of considerable vexation to the patrons of the room, and some emphatic complaints have been made.

General Work.

The general work of the library, under the supervision of Miss Florence D. Hurter, has grown in volume and has been carried forward with satisfaction.

The general circulation figures of the year are as follows:—

	Fiction.	Other Works.	Total.
January	28,045	13,129	41,174
February	27,040	13,421	40,461
March	36,648	18,198	54,846
April	27,890	12,990	40,880
May	26,465	12,344	38,809
June	27,123	10,532	37,655
July	19,412	3,496	22,908
August	18,176	3,514	21,690
September	22,348	5,981	28,329
October	23,957	10,902	34,859
November	26,847	12,472	39,319
December	32,273	15,021	47,294
Totals	316,224	132,000	448,224

Last year the circulation was 419,539; there is consequently a net increase the current year of 28,685, or about 6.83 per cent.

Below is given our shelf circulation figures (books delivered from library shelves):—

	Fiction.	Other Works.	Total.
January	14,932	5,473	20,405
February	15,010	6,006	21,016
March	22,091	8,394	30,485
April	15,371	5,220	20,591
May	13,665	4,545	18,210
June	16,167	4,810	20,977
July	13,394	3,220	16,614
August	12,718	3,250	15,968
September	14,879	4,514	19,393
October	13,204	4,903	18,112
November	14,749	5,464	20,213
December	18,001	6,457	24,458
Totals	184,181	62,261	246,442

Below is given our circulation by classes, exclusive of fiction:—

General works	9,016
Philosophy	1,571
Religion	7,572
Sociology	24,387
Philology	1,289
Natural science	15,347
Useful arts	5,411
Fine arts	7,135
Literature	16,348
History	28,359
Total of general delivery	116,435
Delivered from children's room	15,565
Total of other works	132,000
Fiction	316,224
Other works	132,000
Total	448,224
Percentage, fiction	70.55%
“ other works	29.45%

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	245	254	17	142	14	20
Shelves	1,080	1,632	1,526		324	993
February	247	249	12	157	11	16
Shelves	1,173	1,675	1,597		332	935
March	376	423	16	197	14	13
Shelves	1,453	2,221	1,397		455	1,314
April	260	355	12	194	10	14
Shelves	1,080	1,695	1,468		367	981
May	241	370	11	172	9	15
Shelves	970	1,533	771		363	634
June	311	347	18	254	15	14
Shelves	1,132	1,836	1,055		444	1,127
July	218	301	14	121	9	10
Shelves	834	1,328	743		336	855
August	183	236	2	142	3	3
Shelves	1,027	1,384	704		363	753
September	213	279	6	234	9	10
Shelves	1,104	1,784	837		530	961
October	192	248	5	181	6	3
Shelves	1,004	1,495	754		365	855
November	184	269	2	194	7	3
Shelves	1,040	1,412	812		344	872
December	225	269	4	202	2	1
Shelves	1,162	1,669	891		341	916
Totals	15,984	23,264	12,674	2,190	4,673	11,318
Grand Total						70,103

Below is the statistical statement of the general work of the year:—

Accession number	99,196
Volumes in library	82,879
Main library	4,958
Volumes added, branch library	1,347
	6,305
Total circulation	448,224
Shelf "	246,442

Delivered from children's room	79,750
“ “ Teele Square agency	2,875
“ “ “ shelves	13,109
“ “ West Somerville agency	3,600
“ “ “ shelves	19,664
“ “ East Somerville agency	119
“ “ “ shelves	12,555
“ “ South Somerville agency	2,190
“ “ Union Square agency	109
“ “ “ shelves	4,564
“ “ Highland agency	122
“ “ “ shelves	11,196
“ “ Knapp school	1,390
Volumes delivered to school libraries	7,642
“ “ “ Sunday school libraries	1,469
Visitors in reference room	10,109
Cards issued	11,173
Received, fines	\$1,011 45
“ books	140 42
“ telephone	11 85
Total	<u>\$1,163 72</u>
By sundry expenses	\$300 52
“ cash to City Treasurer	863 20
Total	<u>\$1,163 72</u>

During the year 426 vacation cards were issued, on which 2,420 books were taken out, 2,072 being fiction and 348 other works. Six hundred and seventeen books were delivered to the homes of the people by two delivery boys. Thirty-five sets of stereographs are now owned by the library. The circulation of these sets during the year amounted to 1,093.

The following Sunday schools take books from the library: Broadway Congregational, Flint-street Methodist, Perkins-street Baptist, Prospect-hill Congregational, Second Unitarian, West Somerville Baptist, Winter-hill Congregational, Winter-hill Universalist, Park-avenue Methodist, Second Advent, Highland Congregational, and the Bow-street Methodist. 1,469 books were delivered by the Sunday schools mentioned, of which 1,268 were fiction and 201 other works.

Books are also sent to the Y. M. C. A., the Somerville Boys' club, the Somerville hospital, and to the police station.

New Registration.

During the past five weeks the library has been making a new registration. This is a work of considerable difficulty, and a work requiring a long period of time for its completion. Of course in a growing library it is indeed never completed. It is a work, however, that ought to be done at least once in five years. Even when it is done as frequently as this our registration must necessarily carry the names of many people who are no longer borrowers of books, of many persons who are not residents, and a very considerable number who are dead. It is,

in fact, an impossibility to tell the exact number of the active users of the public library at any given time. The highest number under our old registration, which was a continuous registration for five years, was 28,619. The number of our present registration is 7,585. It would be safe to say, in view of these two figures, that the number of actual users of the library has never exceeded 20,000. Reckoning the population of Somerville as 70,000, then only two-sevenths of our population are ever actual card-holders at one time. The circulation of the Somerville public library is very high in proportion to the city population. But it is a significant fact that in a library with a very large circulation, as circulations run, only two-sevenths of the population are card-holders. The question is inevitable: Are public libraries really doing the good in their respective communities that they ought to do? It seems to me that a much larger proportion of the population ought to be reached.

Decreasing Expenditure for Books.

This public library has reached a critical stage in its history. The expenses are increasing at a much faster ratio than its income. I see no way, however, in which they can be materially decreased. The salaries are certainly moderate, and are indeed considerably less than in many other libraries doing a like amount of business. But the constant growth of the library entails a constantly-increasing expense. Thus the expense for binding in 1904 was \$1,645.40. The expense for 1908 was \$3,680.53, an increase in four years of \$2,035.13. I see no reason why this ratio of increase should not continue for some time. As the running expenses of the library must be met, and as there is no item which can be materially reduced, except the item for books, it follows that unless there is a progressive increase of appropriation there must be a progressive decrease in the number of books purchased. And this has actually been the case. In 1904 \$7,209.90 was expended for books and periodicals, and in 1908 only \$5,007.18 was available for this important item. So it can be seen that the library during the present year was obliged to curtail its purchase of books to a sum of \$2,202.72 less than the sum expended four years ago.

Now it is the main essential business of a public library to buy books for the public, and a library that steadily and regularly decreases the amount of its book expenditure is surely becoming less efficient every year in the work which it was especially established to do. It is a matter of very serious regret that such a condition of affairs has to be reported, and it is earnestly hoped that larger appropriations in the future will enable us to reverse this retrograde movement.

The library has received the following donations of books and pamphlets during the past year:—

List of Donations.

	Vols.	Pamph.
Allen, George W.	1	
Boston Transit Commission	1	
Bradley, Charles	1	
Braybrook, Albert A.		1
Buffum, George T.	1	
Canada, Department of Agriculture.	1	
Carnegie Institute	1	
Clark, Frank H.	2	1
Clough, George M.	14	
Coolidge, A. C.	1	
Cutler, S. Newton	2	
DeBenneville, James S.	1	
Dusseault, John H.	1	
Fitchburg, Mass.	1	
Goss, George H.	6	
Greene, Rev. J. M., D. D.	1	
Hadley, S. Henry	(music) 76	
Haley, Mary	1	
Hansell, Mrs. E. P. Evans	1	
Harvard University	1	
Lake Mohonk Conference	1	
Lamb, Fred W.		1
Lambert, Anna M.		1
Library of Congress	2	
Loring, Ernest J.	4	
Marks, Harold	1	
Massachusetts	36	2
Massachusetts Civil Service Reform Association		3
Merchants' Association of New York		1
Middlesex County	1	
Montville, T.	2	
Murray, Thomas Hamilton	1	
Peaslee, John B.	1	
Pendergast, Mrs. Ella Worth	1	
Playground Association		2
Powers, Rev. L. M., D. D.	1	
Raymond, Professor George L.	3	
Sanborn, Mrs. Carrie A.	1	
Smith, John F.	1	
Smithsonian Institution	1	
Southworth, Gordon A.	1	
Sturgis, R. Clipston	1	
United States	10	4
Webster, Miss E. S.	1	
Williams & Wilkins Co.	1	
Totals	185	16

Conclusion.

During the past ten years the library's circulation has increased from 212,817 to 448,224. A children's department, a school department, and a reference department, open during regular hours, have been established. The library has been opened every evening in the week, instead of Wednesday and Saturday evenings, as formerly. The reading rooms have also been opened Sunday afternoons. A music department, which has been generally patronized, has been established. The total number of books in the library has increased from 40,902 to 82,879. The accession number has increased from 44,307 to 99,196. A reading committee to examine the new novels has been appointed. The system for issuing vacation cards for people on their summer outings has been in operation several years, to the great satisfaction of our patrons. A system of free access to all the circulating books of the library has been inaugurated, and has now been in operation several years. A complete new card catalogue of the entire library, with separate card catalogues for the children's room and the reference department, has been installed. The age limit for card holders has been removed. The policy of loaning books to the Sunday schools to the limit of 100 to a school has been adopted. A new addition nearly doubling the capacity of the library has been added to the library building, and a \$25,000 branch library, the gift of Andrew Carnegie, will be ready for occupancy early in the coming year. Our growth and development in many ways has been unusual, and, if adequate means of doing our increased work is supplied, a greater epoch of usefulness is surely ahead of us.

In a more than perfunctory and conventional way, I wish to thank the members of the staff for their faithfulness, and all the members of your board for your kindness and co-operation.

SAM WALTER FOSS,

Librarian.

December 29, 1908.

BOARD OF HEALTH.

1908.

ALLEN F. CARPENTER, Chairman,
WESLEY T. LEE, M. D.,
ZEBEDEE E. CLIFF.

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., Medical Inspector.

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, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—We respectfully submit the following as the thirty-first 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, 1908:—

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 THE CITY IN 1908.

Bakery offensive	7
Barber shops	2
Bread left on steps	2
Cellar damp	16
Cesspool offensive	2
Cow barn offensive	12
Cows kept without license	3
Dogs in house	4
Drainage defective	26
Drainage emptying into cellar	12
Drainage emptying on surface	7
Fish offal	4
Gas from power house	1
Goats kept without license	1
Hens in cellar	10
Hennery offensive	13
Hens without permit	15
Horses without permit	3
Manure exposed and offensive	21
Manure pit defective	15
Offal on land	11
Offensive odor in and about dwellings	9
Pigeons in house	1
Pigs kept without license	7
Premises dirty	87
Privy-vault offensive	3
Rubbish in cellar	19
Slops thrown on surface	6
Stable infected with glanders	63
Stable and stable premises filthy and offensive	23
Stable without drainage	8
Stagnant water on surface	5
Water-closet defective	24
Water under stable	3
Total	445

Number of nuisances abated	445
Number of nuisances referred to board of 1908	7
Number of nuisances complained of	452
Number of complaints (many covering more than one nuisance)	391

In addition to the above, 382 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.—Sixty-three cases of glanders have been reported during the year. Prompt action was taken in every case, and fifty-eight of the horses were killed, five 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-four applications were received for permits to keep ninety-three cows. Thirty-three permits to keep eighty-six cows were granted, and one permit was refused.

Swine.—Seventeen applications were received for permits to keep thirty-three swine. Sixteen permits were granted to keep thirty swine, and one permit was refused. The fee is one dollar for each swine.

Goats.—One application was received for a permit to keep two goats, which permit was granted. The fee is one dollar for each goat.

Hens.—Eighty-six applications for permits to keep 1,879 hens were received. Sixty-three permits to keep 1,579 hens were granted, and twenty-three permits were refused.

Grease.—Twelve applications were received for permits to collect grease, all of which were granted. The fee is two dollars. Four of the parties licensed reside in Somerville, two in Charlestown, two in Cambridge, three in Boston, and one in Chelsea.

Manure.—One permit was 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.—Four 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.

Two hundred and seventy-two certificates of registration were issued to hawkers and pedlers during the year under the provisions of ordinance number 27—an increase of 156 over the year 1907. One hundred and forty-eight certificates have been renewed during the year. Each pedler is required to present a statement 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 if they are kept in a clean condition, and are properly marked with the owner's name and number.

Ashes and Offal.

The collection and disposal of ashes, garbage, and other refuse materials is under the control of the board of health, and a competent superintendent is employed to take charge of this department.

To do this work seventy men are employed, and the department owns and uses thirty-four horses, twenty ash carts, five paper wagons, and thirteen garbage wagons.

Ashes.—The ashes and non-combustible materials are deposited upon the city dumps at Winter Hill and West Somerville. The combustible materials are burned in the incinerator which was built last year near the city stables, except those materials which can be sold at a profit, such as clean paper, rags, and bottles.

During the year 48,271 loads of ashes and 3,260 loads of refuse material have been collected and disposed of.

Collections are made weekly, and the districts and days of collection are as follows:—

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.

Chapters six and seven of the revised regulations of 1908 read as follows:—

CHAPTER VI.

HOUSE-OFFAL.

Section 1. How to Be Kept.—All house-offal and refuse animal or vegetable substances shall be placed in suitable water-tight vessels and kept in some convenient place, to be removed by the persons duly authorized for that purpose by the board of health. Such vessels shall be kept covered, and shall not be permitted to become offensive.

Section 2. Not to be Removed Without Permit or Contract.—No person shall remove or carry in or through any street, avenue, square, court, lane, place, or alley, within the city, any house-offal, or any offensive animal or vegetable substance unless employed or authorized so to do by the board of health, nor in any manner except such as authorized by said board.

CHAPTER VII.

ASHES, RUBBISH, AND HOUSE-DIRT.

Section 1. Removal of, Etc.—Ashes, rubbish, house-dirt, and other refuse materials will be removed by the board of health wagons on such days as the board shall from time to time designate by notices left at the dwellings or otherwise, and under the following conditions:—

Ashes, glass, metal, and other non-combustible waste materials must be put in suitable receptacles not larger than an ordinary flour barrel, and must be kept free from all other refuse matter.

All combustible waste materials, such as paper, rags, excelsior, straw, etc., must be kept free from non-combustible matter and garbage, and placed in suitable packages or barrels to prevent being scattered in handling.

All refuse matter for removal must be placed on the outer edge of the sidewalk opposite the dwelling from which it comes before the time that the board of health wagons are expected to make collections. No wagon, having passed through the street, will be sent back to collect materials not put out before its regular arrival.

Earth, gravel, bricks, mortar, stones, lime, plaster, cement, concrete, or refuse material from repairs or construction of buildings will not be removed by the board of health wagons.

Tree trimmings, vine cuttings, and yard cleanings will be removed 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 refuse material.

No person shall overhaul the contents of receptacles for waste material set upon the sidewalks to be removed by the board of health.

Section 2. Dumping of Ashes and Refuse Materials.—No person owning or occupying any premises within the limits of the city of Somerville, and no city officer controlling or in charge of city premises, shall cause any ashes or refuse material to be placed thereon, or shall allow such premises to be used as a public dump for ashes, refuse, or other material without a permit from the board of health, and only in accordance with such permit.

Section 3. Filling of Premises with Waste, Ashes, or Rubbish.—Any person owning or occupying any premises within this city, and desiring to fill such premises with dry waste, ashes, or rubbish, shall make written application to the board of health, describing the land and the filling material proposed, and the sources from which he proposes to obtain the material.

Offal.—During the year the board has continued to dispose of the city offal at its garbage plant adjacent to the city stables. This offal is sold direct to farmers and others, and is handled in a thoroughly sanitary and satisfactory manner. The demand for the garbage has exceeded the supply, and in its disposal there has been an entire absence of objectionable features. The financial returns to the city are large.

During the year 7,916 loads of offal have been collected.

Two collections are made in each district weekly, and during the summer months an extra collection is made at hotels, stores, and other establishments producing large quantities of offal.

Stables.

Under the provisions of sections 69 and 70 of chapter 102 of the revised laws of 1902, thirteen petitions for licenses to erect and use stables were received and disposed of as follows:—

Number granted	9
Number refused	4

Board of Infants.

Fourteen parties, whose applications were first approved by this board, have been licensed by the state board of charity to care for thirty children, in this city, under the provisions of chapter 83 of the revised laws of 1902.

Deaths.

There were 903 deaths and seventy stillbirths in the city during the year, as specified in the following table, which shows a decrease of deaths from the previous year of ninety-four:—

Deaths at Somerville hospital during the year	52
Deaths at Cherry-street hospital	2
Deaths at hospital for contagious diseases	7
Deaths at home for aged poor (Highland avenue),	40
Deaths at City home	5

DEATHS BY AGES.

AGES.	Total.	Male.	Female.
Under one	178	111	67
One to two	36	21	15
Two to three.	14	9	5
Three to four	6	5	1
Four to five	7	2	5
Five to ten	24	12	12
Ten to fifteen	13	6	7
Fifteen to twenty	18	8	10
Twenty to thirty	44	22	22
Thirty to forty	72	35	37
Forty to fifty	53	20	33
Fifty to sixty	85	37	48
Sixty to seventy	132	58	74
Seventy to eighty	153	58	95
Eighty to ninety	58	23	35
Ninety and over	10	2	8
Total	903	429	474

Of the stillborn, 42 were males and 28 females.

MORTALITY IN SOMERVILLE IN 1908. — Concluded.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
V. DISEASES OF THE DIGESTIVE SYSTEM.													
Acute indigestion					1		1	2					4
Colitis							1	3	1	1	1	1	8
Gastritis			2		1	1	1			2	1		8
Peritonitis			2	1				1				1	5
Diarrhœa							1	1		1			3
Cholera infantum						1	3	5	3	2			14
Ptomaine poisoning							1	1					2
Gastric ulcer							1		1				2
Enteritis	1		1		1	1	3	3	4	2	2	1	19
Hernia											1		1
Intestinal obstruction				2		1		1	1				5
Abscess of gall bladder					1								1
Appendicitis					1		1		1		1		4
Cirrhosis liver	1			1						1			3
Gall stones	1	1											2
Hepatitis							1			1			2
VI. DISEASES OF GENITO-URINARY SYSTEM.													
Bright's disease	1				1	2	1	1	1	1		1	9
Cystitis				1	1		1					1	4
Nephritis	2	8	3	2	6	4	5	3	6	7	5	7	58
Pyelitis							1			1			2
VII. CHILDBIRTH.													
Childbirth	2		1		1	1						1	6
VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.													
Abscess		1	1		1								3
Gangrene			1	1						1	1		4
Pemphigus								1					1
IX. MALFORMATIONS.													
Hydrocephalus										1	1		2
Malformation	1			1			1				2	1	6
X. EARLY INFANCY.													
Marasmus	1		1		1		1	1	3	2	1	1	12
Inanition	1	2				1				2		2	8
Asphyxia neonatorum		1		1	1								3
Premature birth and congenital debility	2	3	3	1	4	3	3	2	2	1	1	3	28
XI. OLD AGE.													
Old age	1	2	2		4			1	1	2			13
Senile dementia				1			1					1	3
Arterio-sclerosis	1	1	3	2	1				2		2	1	13
XII. VIOLENCE.													
Alcoholism			1					1					2
Drowning			1										1
Railroad	1					1							2
Suicide		1					2	1		1		1	6
Burning								1		1		1	3
Suffocation		1	1										2
Fracture of hip						1	1						2
Fracture of skull				2		2							4
Fracture of ribs					1								1
Fracture of thigh									1				1
Bullet wound			2									1	3
Injury to head		1	1							1			3
Shock from operation on palate				1									1
Shock from fall									1				1
Total	81	82	80	68	78	77	65	75	63	78	76	80	903
Stillborn	6	3	7	10	6	0	6	7	2	5	9	9	70

Population (estimated) 75,500

Death rate per thousand 11.96

Social Relations of Decedents.

Married	298
Single	393
Widow	152
Widower	58
Divorced	2
Unknown	0
Total	<hr/> 903

Nativity of Decedents.

Somerville	238
Massachusetts	226
Other New England states	132
Other states	26
Canada	78
England, Scotland, and Wales	35
Ireland	132
Italy	9
Norway and Sweden	8
Russia	3
Other countries	14
Unknown	2
Total	<hr/> 903

Nativity of Parents of Decedents.

	Father.	Mother.
Somerville	21	18
Massachusetts	145	170
Other New England states	157	151
Other states	20	27
Canada and provinces	110	122
England, Scotland, and Wales	70	61
Ireland	255	251
Italy	31	28
Norway and Sweden	18	17
Russia	9	8
Other countries	47	33
Unknown	20	17
Total	<hr/> 903	<hr/> 903

Of the parents of the stillborn, 35 fathers and 30 mothers were natives of the United States, and 35 fathers and 40 mothers were of foreign birth.

Diseases Dangerous to the Public Health.

This board has adjudged that the diseases known as actinomycosis, Asiatic cholera, cerebro-spinal meningitis, diphtheria, glanders, leprosy, malignant pustule, measles, scarlet fever, smallpox, tetanus, trichinosis, tuberculosis, typhoid fever, typhus fever, varicella, whooping-cough, and yellow fever 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 coming under their care, and postal cards con-

veniently 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.—Two hundred eighty-three cases of scarlet fever have been reported during the year, four of which resulted fatally. In 1907 there were 400 cases, twelve of which resulted fatally.

Diphtheria.—Two hundred seventy-eight cases of diphtheria have been reported during the year, eleven of which were fatal. In 1907 there were 194 cases, nine 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.—One hundred thirty-six cases of tuberculosis have been reported during the year. There were seventy-one deaths from this disease.

Typhoid Fever.—Sixty-four cases of typhoid fever have been reported during the year, nine of which have proved fatal. In 1907 there were ninety-one 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 case of smallpox has been reported during the year.

Number of cases of scarlet fever and diphtheria for which houses were placarded	561
Number of premises disinfected by agent	960

Disinfection.

It will be seen by the foregoing figures that, in addition to the 561 premises infected with scarlet fever or diphtheria, 399 other premises were disinfected. Forty-eight disinfections were made at the request of attending physicians whose patients had been ill with typhoid fever or cancer. One hundred and eighty-three schoolrooms were disinfected, 124 for scarlet fever, fifty-nine for diphtheria, and 168 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 1908 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 1908.

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 . . .	33	....	....	22	1	4.5	1	1	100.0
February . . .	16	....	....	10	....	....	....	....	....
March . . .	13	1	7.7	22	1	4.5	2	....	....
April . . .	21	....	....	12	2	16.6	3	1	33.3
May . . .	19	1	5.3	17	1	5.9	5	2	40.0
June . . .	12	....	....	14	....	....	5	1	20.0
July . . .	2	....	....	12	1	8.3	9	1	11.1
August . . .	14	....	....	20	1	5.0	7	....	....
September . . .	16	....	....	13	....	....	10	1	10.0
October . . .	30	1	3.3	40	....	....	6	1	16.6
November . . .	61	1	1.6	34	2	5.9	13	1	7.7
December . . .	46	....	....	62	2	3.2	3	....	....
Total . . .	283	4	1.4	278	11	3.9	64	9	14.1

Deaths from Scarlet Fever, Diphtheria, and Typhoid Fever in the Last Ten Years.

MONTHS.	SCARLET FEVER.										DIPHThERIA.										TYPHOID FEVER.									
	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.
January	4	..	..	..	3	..	1	7	10	4	1	3	3	..	1	1	1	..	1	..	3	1	..	..	1	1
February	1	4	1	2	1	1	..	2	..	2	1	4	..	2	3	2	2	..	..	1	1	2	..	1	..	..	1	..	..
March	1	..	..	1	1	..	1	..	..	5	2	..	3	..	..	..	..	..	..	..	..	1	1	1	..	1	..	..
April	2	..	..	..	..	..	1	1	..	..	1	1	..	1	1	1	..	..	..	..	..	..	..	..	1	1	3	..	1
May	1	1	..	1	5	3	2	2	3	1	2	1	1	1	..	..	..	1	1	..	..	..	2
June	1	..	1	..	..	..	..	3	1	..	1	1	..	1	..	..	1	..	..	1	..	1	2	2	1	1
July	4	..	1	..	1	..	1	1	1	1	..	1	1	1	1	1	..	..	1
August	1	2	..	..	2	1	2	1	2	..	..	..	1	2	1	1	..	..	2	..	1	1	..
September	9	1	..	2	..	1	..	..	..	2	1	3	1	2	..	..	1	1	1
October	1	..	..	..	..	..	1	1	..	1	6	3	2	2	2	2	2	..	..	1	3	1	1	2	..	1	2	4	1
November	2	..	1	..	..	..	1	1	..	1	3	2	3	2	2	3	1	1	2	3	2	..	..	..	3	3	..	3	1
December . . .	3	1	..	1	3	1	..	..	2	..	5	4	1	5	2	2	3	1	4	2	3	..	3	1	..	1	..	..	..	..
Total . . .	3	7	5	3	10	3	4	1	12	4	11	49	29	19	19	14	17	15	9	11	15	9	12	6	10	11	9	11	11	9

Table of Deaths During the Last Ten Years.

Year.	No. of Deaths.	Rate per 1,000.
1899	801	13
1900	967	16
1901	831	13
1902	890	13
1903	955	14
1904	964	14
1905	968	14
1906	1,004	14
1907	997	14
1908	903	12
Average death rate per 1,000 for ten years		14

Table Showing the Five Principal Causes of Death in Somerville in 1908.

PNEUMONIA.		HEART DISEASE.		CANCER.		TUBERCULOSIS.		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.
142	18.8	104	13.8	75	9.9	71	9.4	58	7.7

Hospital for Contagious Diseases.

The hospital has continued to demonstrate its value to the city during the past year. Many of the cases treated could not have been properly cared for at home, and undoubtedly their removal to the hospital reduced the danger of the spread of the diseases. Additional rooms are needed for nurses and help, besides laundry and storage accommodations, and it is hoped that necessary additions and alterations may be made in the near future.

Miss Nellie J. Van Cor has continued as matron during the year, and has conducted the care of the patients and the business management of the hospital with marked success.

The statistical report is included in the report of the medical inspector.

Medical Inspection of Schools.

The medical inspection of the schools of Somerville, which was instituted in December, 1907, has been continued during the year. The value of the system has been constantly demonstrated, and the work has been done in a very satisfactory man-

ner. There has been harmony of action between the board of health and the school board, and the school principals and teachers have very generally co-operated with the inspectors in making the system as successful as possible.

The inspectors make daily visits to the schools under their charge, and to them are referred all children who show evidences of disease or abnormal conditions. Children who are found to be unfit to remain in school are sent home, accompanied by a slip properly filled out advising that the family physician be consulted. The inspectors also make an annual inspection of all the children in the schools, and any defects discovered are called to the attention of the parents. Monthly inspections of the school buildings and premises are made, and suggestions or criticisms are referred to the proper authorities. Every effort is made to protect the health of the children and to co-operate with the parents in keeping the children in as normal a condition as possible.

In accordance with the provisions of the statute, tests of sight and hearing are made by the principals or teachers.

During the year 5,774 children have been referred to the inspectors during their daily visits, and 1,448 have been sent home because of illness.

The following list will show the classes of diseases and defects which have been found in the schools, except defects of sight and hearing:—

LIST OF DISEASES AND NUMBER OF CASES REPORTED.

1. Infectious diseases:—		
Measles	121	
Whooping cough	49	
Chicken pox	34	
Mumps	30	
Scarlet fever	5	
Diphtheria	4	
	<hr/>	
Total		243
2. Diseases of the nose and throat:—		
Enlarged tonsils and adenoids	600	
Inflammatory diseases	221	
Other abnormal conditions	8	
	<hr/>	
Total		829
3. Diseases of the eyes:—		
Inflammatory conditions of the eyes and lids	114	
Foreign bodies and injuries	5	
Other abnormal conditions	9	
	<hr/>	
Total		128
4. Diseases of the ears:—		
Inflammatory condition	24	
Other abnormal conditions	2	
	<hr/>	
Total		26

5. Diseases of the skin:—

Pediculosis	1,079
Impetigo	67
Scabes	48
Eczema	43
Tinea	17
Herpes	16
Miscellaneous conditions	110

Total 1,380

6. Miscellaneous diseases:—

Constitutional diseases	24
Diseases of the digestive system	112
Diseases of the respiratory system	32
Diseases of the circulatory system	10
Diseases of the lymphatic system	43
Diseases of the nervous system	54
Diseases of the urinary system	30
Wounds and injuries	59
Other conditions	73

Total 437

Total number of diseases reported 3,043

The districts and inspectors are as follows:—

District No. 1.—Prescott, Hanscom, Davis, and Edgerly schools. Inspector, Dr. Francis Shaw, 57 Cross street.

District No. 2.—Baxter, Knapp, Perry, and Bell schools. Inspector, Dr. Edward J. Dailey, 5 Summer street.

District No. 3.—Bennett, Pope, Cummings, and Proctor schools. Inspector, Dr. L. H. Raymond, 66 Highland avenue.

District No. 4.—Morse, Carr, Durell, and Burns schools. Inspector, Dr. W. L. Bond, 322 Highland avenue.

District No. 5.—Brown, Bingham, and Forster schools. Inspector, Dr. H. M. Stoodley, 383 Highland avenue.

District No. 6.—Lincoln, Hodgkins, Highland, and Lowe schools. Inspector, Dr. H. Cholerton, 396 Highland avenue.

District No. 7.—Glines, English High, and Latin High schools. Inspector, Dr. R. F. Gibson, 108 Highland avenue.

Parochial Schools.—Inspector, Dr. M. W. White, 42 Bow street.

Bacteriological Department.

The work of this department was performed by Frank L. Morse, M. D., medical inspector of the board, 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, and typhoid fever, and diphtheria anti-toxin and vaccine lymph may be obtained at the laboratory and at the following places:—

Adams Pharmacy, Willow and Highland avenue.

Claude Curtis, 154 Perkins street.

Bay State Pharmacy, 173 Washington street.

Edward E. Edwards, 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.

Paul S. Eaton, 693 Broadway.

Willis S. Furbush & Co., 1153 Broadway.

After the specimen is collected, it must be taken or sent directly to the laboratory at the city hall.

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.

Regulations.

The regulations of the board were printed in 1898. Since that time several new regulations have been adopted, and changes made in those existing, so it was deemed advisable to revise the regulations of the board and bring them up to date. This has been done and the regulations as now in force have been printed and are ready for distribution.

Tuberculosis Exhibition.

The "Great White Plague," which has ravaged the civilized countries of the world for centuries, is being robbed of its terrors. Within a comparatively few years it has come to be realized that the disease is preventable, and in the great majority of cases curable. A rapidly intensifying world-wide interest is developing along the line of the prevention and cure of tuberculosis, and it is believed by the most eminent authorities that the disease may be practically eliminated as a result of the co-operation of an educated public with a zealous medical profession.

In order that the citizens of Somerville might be impressed with the importance of this matter, and that they might receive practical instruction in the essentials of preventive measures, a

free tuberculosis exhibition was held in Moore hall, Y. M. C. A. building, May 8 to 11. The articles exhibited included charts, models, furniture, photographs, and statistics showing modern methods employed in preventing and treating the disease, all of which were furnished by the Massachusetts Society for the Prevention of Tuberculosis.

Public meetings were held every afternoon and evening during the exhibition, and the speakers included Miss M. Alice Gallagher of Boston, Miss Ellen T. Emerson of Concord, Henry Abrahams of Boston, Rev. Elwood Worcester of the Emmanuel church, and Dr. Herbert C. Clapp of Boston. Mrs. Julia A. Aldrich presided over the women's meeting, Senator Elmer A. Stevens over the men's meeting, and Hon. Charles A. Grimmons over the mass meeting. The meetings were very widely advertised by posters and circulars, and nearly 5,000 persons visited the hall during the exhibition. Arrangements were made so that the teachers and children in the schools visited the exhibition quite generally, and all classes of people were reached through the press, pulpits, and by general advertising.

The exhibition was certainly a marked success, and its influence for good cannot be measured. The board feels that efforts to instruct the citizens in the methods of preventing disease are equally important with those calculated to properly care for diseases after they have developed.

Financial Statement for 1908.

HEALTH DEPARTMENT.

CREDIT.

Appropriation	\$8,000 00	
Receipts:—		
Milk fees	147 18	
Permit fees	61 00	
Milk Inspector, sale of machine	5 00	
Sundry cities and towns, for care of diseases dangerous to public health in 1907 and 1908	346 34	
		<hr/>
Total credit		\$8,559 52

DEBIT.

Salaries	\$5,200 00	
Repairing and painting vehicles	55 75	
Repairing regenerator	24 00	
Repairing harnesses	13 70	
Horse doctoring	2 30	
Horseshoeing	21 25	
Burying dead animals	182 75	
Office expenses, milk inspector	202 15	
Books, stationery, printing, and postage	146 27	
Bacteriological laboratory	131 41	
Board of agent's horse	311 50	
Telephones	105 76	
		<hr/>
Amounts carried forward	\$6,396 84	\$8,559 52

Amounts brought forward	\$6,396 84	\$3,559 52
Care of diseases dangerous to public health (settlements in Somerville)	4,332 63	
Incidentals	210 34	
	<hr/>	
Total debit		\$10,939 81
		<hr/>
Amount overdrawn		\$2,380 29

Health Department, Collection of Ashes and Offal.

CREDIT.		
Appropriation	\$43,000 00	
Transferred from Overlay and Abatement account	6,000 00	
Sale of offal, rags, etc.	8,263 05	
	<hr/>	
Total credit		\$57,263 05
DEBIT.		
Salary of superintendent	\$1,300 00	
Collection of ashes	26,091 35	
Collection of offal	18,309 75	
Stable expenses	2,240 00	
Two new offal wagons	393 00	
Repairing wagons	870 90	
Tools and repairing same	277 41	
Harnesses and repairing same	752 04	
One new horse	312 50	
Horse doctoring	70 45	
Board of superintendent's horse	284 84	
Horseshoeing	890 10	
Hay and grain	5,997 42	
Incidentals	222 26	
	<hr/>	
Total debit		\$58,012 02
		<hr/>
Amount overdrawn		\$748 97

Health Department, Hospital for Contagious Diseases.

CREDIT.		
Appropriation	\$1,000 00	
Balance unexpended January 1, 1903	935 00	
Receipts:—		
Sundry cities and commonwealth of Mas- sachusetts, for care of patients	7,339 14	
Board of Health, patients settled in Som- erville	1,860 01	
	<hr/>	
Total credit		\$11,184 15
DEBIT.		
Salary of matron	\$800 00	
Salary of assistant matron	427 54	
Salaries of nurses	1,440 27	
Cooks	393 90	
Janitor	515 00	
Housework	201 43	
	<hr/>	
Amounts carried forward	\$3,778 14	\$11,184 15

Amounts brought forward	\$3,778 14	\$11,184 15
Laundry and cleaning	353 10	
Supplies	559 58	
Groceries and provisions	1,574 00	
Building new platform and steps	200 77	
Incidentals	641 10	
	<hr/>	
Total debit		\$7,106 69
		<hr/>
Balance unexpended		\$4,077 46
Less amount appropriated by city of Somerville	\$1,000 00	
Less amount brought forward from 1907 (unexpended)	935 00	
Less amount received charged to Board of Health account for care of Somerville patients having settlements in Somerville	1,860 01	
	<hr/>	3,795 01
Net credit		\$282 45

Health Department, Medical Inspection in the Public Schools.

	CREDIT.	
Appropriation		\$1,500 00
	DEBIT.	
Salaries of inspectors	\$1,400 00	
Printing	11 75	
	<hr/>	
Total debit		\$1,411 75
		<hr/>
Balance unexpended		\$88 25

Appropriations Unexpended.

Health Department, hospital for contagious diseases	\$4,077 46	
Health Department, medical inspection in public schools	88 25	
	<hr/>	
Total unexpended		\$4,165 71

Appropriations Overdrawn.

Health Department	\$2,380 29	
Health Department, collection of ashes and offal	748 97	
	<hr/>	
Total overdrawn		\$3,129 26
		<hr/>
Balance unexpended		\$1,036 45

ALLEN F. CARPENTER, Chairman,
 WESLEY T. LEE, M. D.,
 ZEBEDEE E. CLIFF,
 Board of Health.

REPORT OF THE MEDICAL INSPECTOR.

Somerville, January 10, 1909.

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith present the report of the medical inspector for the year 1908, including the statistics of the contagious disease hospital and the bacteriological laboratory.

Scarlet Fever. During the year 283 cases of this disease were reported in the city, a considerable decrease in number over the previous year. Every case has been inspected, before the house was fumigated, and 303 visits were made at residences to determine when desquamation was complete.

Diphtheria. During the year 278 cases of diphtheria have been reported in the city, an increase from the previous year, when 194 cases were reported. The same restrictions are placed upon all cases, and before patients are released from quarantine, two successive negative cultures must be obtained. It is optional with the attending physician to take the first culture, but the second must be taken by the medical inspector, and during the year 386 visits were made at houses for this purpose.

Typhoid Fever. During the year sixty-four cases of this disease were reported, a decrease of twenty-seven cases from the previous year.

Tuberculosis. One hundred and thirty-six cases of tuberculosis were reported during the year, an increase of fifty-three over the year previous. In November, 1906, following a conference with the overseers of the poor, these cases which had been previously cared for medically by the city physician were transferred to the board of health and the medical inspector instructed to care for them, since which time two hundred and thirty-three visits have been made to twenty-one patients.

Contagious Disease Hospital.

In September, 1906, following a change in the city charter, the city physician, who, up to this time, had treated the cases at the hospital, was relieved of this duty, and the care of the patients transferred to the medical inspector on October 1. During 1908 this arrangement has continued, 421 visits having been made at the hospital during the year.

Scarlet Fever. During the year one hundred and four cases of scarlet fever were admitted, one of which proved fatal. Fifty of these cases were among males, and forty-four among females. Twenty-four were under five years of age, thirty-six

from five to ten years, and the remainder were over ten years. Vomiting was a constant symptom, it occurring in fifty-nine cases, and a sore throat in seventy-one cases. In nine cases the rash occurred on the first day of the illness, in fifty-seven cases on the second day, and in seven instances on the third day. There was membrane present on the tonsils in seventy-eight cases; in eleven cases the disease was complicated with nephritis; in six cases with rheumatism, in seven cases with discharging ears, in thirteen with enlarged cervical glands, and in addition five had diphtheria. The average stay in the hospital was forty-one days.

Diphtheria. During the year eighty-three cases of diphtheria were admitted, seven of which proved fatal. Of these patients, thirty-nine were among males, and thirty-four among females. Twenty-five were under five years of age; nineteen were from five to ten, and the remainder were over ten. Nine entered the hospital on the first day of their illness, and all recovered. Thirty-one entered the second day of the illness, and four died; ten on the third day; six on the fourth day, with no deaths; four on the fifth day, with one death, and seven on the seventh day, with two deaths. The importance of early treatment with anti-toxin is thus very obvious. Of the laryngeal cases ten came to intubation, all of whom recovered. In fourteen patients the membrane extended over both tonsils, uvula and palate, seven of whom died from systemic infection involving both the heart and kidneys. In forty-nine cases the cultures were positive. The throat was clear of membrane in one case on the first day, in seventeen cases on the second, in nineteen cases on the third, in seven cases on the fourth, in two cases on the fifth, and in two on the seventh. In forty patients eruptions appeared on the body due to the use of the anti-toxin, and in four patients joint pains occurred from the same cause. The average stay in the hospital of seventy-three patients was sixteen days. The dose of the anti-toxin varied from 4,000 to 48,000 units, depending upon the severity of the case, the largest aggregate dose being 88,000 units. Of the seven deaths during the year two died within twenty-four hours of admission and were hopeless at that time, and were complicated with nephritis.

Patients Treated at the Contagious Hospital.

DISEASE.	Admission by Months.												Total admitted.	Cured.	Died.	Remaining January 1, 1909.	Percentage of Fatality.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.					
	Remaining January 1, 1908.																
Scarlet fever . . .	7	2	13	18	13	3	3	6	6	7	12	14	104	94	1	16	1.0
Diphtheria . . .	7	2	3	3	7	0	5	4	1	10	14	28	83	71	7	12	9.8
Erysipelas . . .	..	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	..
Measles . . .	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..
Totals . . .	14	4	16	21	21	3	8	10	8	17	26	42	189	167	8	28	..

Bacteriological Department.

During the year 1908, 1,293 examinations were made of cultures for the diphtheria organism, 173 examinations made of sputum from patients suspected of having tuberculosis, and 110 examinations to detect the Widal reaction in typhoid fever.

Diphtheria. Twelve hundred and ninety-three cultures have been examined for diphtheria, 542 being in males, and 751 in females. Diphtheria being a disease of children, 278 of these examinations have been made in children under five years of age, 421 in those from five to ten years of age, 238 from ten to twenty, and 150 in adults over twenty years. In six cases the age of the patient was not stated. Five hundred and twenty-four

examinations were made for the diagnosis of the case, 163 proving positive, and 361 negative. Of the positive results, fifty-seven were of cases in which the attending physician's diagnosis of diphtheria was confirmed, fourteen in which the clinical diagnosis was not diphtheria, and ninety-two in which no definite diagnosis was made. Of the 361 negative examinations, forty-eight were obtained in which the clinical diagnosis was diphtheria, ninety-six in which the diagnosis was not diphtheria, and 217 in which no diagnosis had been made.

Seven hundred and sixty-nine cultures were taken for release of patients from quarantine, 136 of which were positive, and 630 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 three examinations there was no growth upon the serum tube.

Tuberculosis. One hundred and seventy-three examinations have been made of sputum suspected of containing the tubercle bacillus, fourteen of which were positive and 159 negative. In sixty-eight cases a definite diagnosis of this disease had been made by the attending physician, but in fifty-nine of them the organism could not be detected. In the remainder of the cases, sixty-six were stated as not showing evidence of the disease, three being positive, and in forty-five cases no statements were made giving information as to its character, two of which were positive. Eighty-four were males and eighty-nine 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 five 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 in the death rate of consumption, and the cure of persons afflicted with it, is due to the improved and intelligent manner with which cases are treated, and the prevention of further spread of the disease is a subject which is of importance to all local boards of health.

Typhoid Fever. One hundred and ten examinations of the blood of patients suspected of having typhoid fever have been made, thirty-one of which proved positive. In forty-one cases a

positive diagnosis of this disease had been made by the attending physician, in five cases it was stated not to be typhoid fever, and in the remainder no statement was made relating to the diagnosis. Of the negative results, fourteen were diagnosed as typhoid, six were said not to be typhoid, and in fifty-nine no diagnosis was made. Fifty-nine were males and fifty-one females.

Summary for Six Years, 1903, 1904, 1905, 1906, 1907, 1908.

Diphtheria Cultures.									
	No. Examined	Males	Females	0-5	5-10	10-20	Over 20	Age not stated	No. growth
1903	817	387	430	282	199	125	185	26	5
1904	1,429	629	800	537	400	231	261	34	29
1905	792	346	446	204	260	139	170	19	4
1906	968	407	561	282	370	153	152	6	6
1907	971	423	548	224	346	185	210	6	3
1908	1,293	542	751	278	421	238	150	6	3

	For Diagnosis	Clinical Diagnosis		Diph.		Clin. Diag. not Diph.		Clin. Diag. not stated	
		Positive	Negative	Positive	Negative	Positive	Negative	Positive	Negative
1903	360	56	35	11	122	27	109		
1904	406	72	37	11	96	59	131		
1905	263	15	23	10	76	36	103		
1906	419	55	60	14	130	47	107		
1907	462	45	34	10	104	52	217		
1908	524	57	48	14	96	92	217		

	For Release	
	Positive	Negative
1903	95	362
1904	233	761
1905	139	386
1906	85	464
1907	98	408
1908	136	630

	No. Examined	Males	Females	Positive	Negative	Clin. Diag. Tuberculosis	
						Positive	Negative
1903	137	66	71	26	111	15	21
1904	124	54	70	28	96	14	29
1905	162	69	93	22	140	11	38
1906	175	95	80	9	166	7	44
1907	227	100	127	7	220	4	79
1908	173	84	89	14	159	9	59

	Clinical Diagnosis not Tuberculosis		Clinical Diagnosis not stated	
	Positive	Negative	Positive	Negative
1903	9	61	2	29
1904	11	43	3	24
1905	5	59	6	43
1906	1	85	1	37
1907	2	84	1	57
1908	3	63	2	43

Blood for Typhoid Fever.

	No. Examined	Males	Females	Positive	Clin. Diag. Typhoid Fever		
					Negative	Positive	Negative
1903	72	39	33	27	45	18	7
1904	76	53	23	32	44	18	4
1905	78	45	33	26	50	11	1
1906	94	57	37	24	70	14	15
1907	110	58	52	45	65	25	10
1908	110	59	51	31	79	20	14

	Clin. Diag. not Typhoid Fever		Clin. Diag. not stated	
	Positive	Negative	Positive	Negative
1903	2	6	7	32
1904	0	6	14	34
1905	1	5	14	44
1906	0	8	10	47
1907	0	3	20	52
1908	0	6	11	59

Respectfully submitted,

FRANK L. MORSE,

Medical Inspector.

REPORT OF INSPECTOR OF ANIMALS AND PROVISIONS.

OFFICE OF THE BOARD OF HEALTH, CITY HALL, }
Somerville, Mass., January 7, 1909. }

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit the report of the inspector of animals and provisions for the year 1908.

The following is a statement of the number of animals killed during the year at the five slaughtering establishments in the city:—

Swine, 1,376,225; sheep, 304,171; calves, 70,678; cattle, 29,116. The work of the four large establishments, being under the inspection of the United States government, requires only the inspection of the premises by the local inspector, who reports very favorably on the same.

Somerville is one of the largest quarantine stations for the export of animals in the United States, the number exported last year being: Cattle, 77,500; sheep, 21,526.

The total number of neat cattle kept in the city is 272; swine, 195; cows, seventy-five; goats, two, all of which have been inspected by me several times during the year.

There have been 2,289 horses examined in stables where contagious diseases were reported to exist. Sixty-three were quarantined. Of this number fifty-eight were killed and five were released.

All the blacksmith shops of the city have been disinfected and whitewashed on account of the prevalence of contagious disease among the horses.

There are sixty-five barber shops and eighty-one bakeries in the city, all of which have been frequently inspected, most of them being found in excellent condition.

There have been 2,392 visits made to stores and markets, and 873 pedlers' carts have been inspected from which fish, provisions, and produce were sold.

The following articles have been condemned and destroyed:—

Meats.

Fresh beef, 2,164 pounds; corned beef, 1,286 pounds; fowl, 2,291 pounds; Hamburg steak, 41 pounds; hams, 172 pounds; lamb and mutton, 711 pounds; livers, 9 whole; fresh pork, 212 pounds; salt pork, 41 pounds; swine, 7 whole; sausage, 54 pounds; shoulders, 137 pounds; pigs' feet, 3 kegs; tripe, 21 pounds; veal, 408 pounds; lard, 105 pounds.

Fish.

Codfish, 51 whole; salt fish, 2 boxes; clams, $\frac{1}{2}$ barrel, $3\frac{1}{2}$ gallons; haddock, 168 whole; halibut, 74 pounds; herring, 1,192 whole; flounders, 241 whole; fresh mackerel, 227 whole; salt mackerel, 84 whole; oysters, $\frac{1}{2}$ bushel, 4 gallons; lobsters, 11 whole; pollock, 91 whole; salmon, 93 pounds; smelts, 11 boxes; shad, 177 whole; swordfish, 21 pounds.

Fruit and Vegetables.

Apples, 7 barrels; bananas, 28 dozen; blackberries, 27 quarts; beans, 3 bushels; green beans, 9 bushels; beets, 5 bushels; cabbage, 10 barrels; cantaloupes, 11 crates; cauliflower, 2 bushels; celery, 19 bunches; cucumbers, $2\frac{1}{2}$ crates; dates, 27 pounds; figs, 5 boxes; grapes, 19 baskets; greens, 9 bushels; lemons, 8 dozen; lettuce, 2 boxes; onions, 8 bushels; oranges, $1\frac{1}{2}$ boxes; green peas, 4 bushels; pineapples, 3 crates; white potatoes, 48 bushels; sweet potatoes, 14 bushels; raspberries, 31 cups; squash, 11 barrels; strawberries, 29 quarts; tomatoes, 2 bushels, 11 crates; turnips, 5 barrels, 2 bushels; watermelons, 9.

Miscellaneous.

Bread, 21 loaves; cake, 11 loaves; crackers, 3 barrels, 4 boxes; cereals, 486 packages; butter, 12 pounds; cheese, 20 pounds; milk, 6 cans; flour, 800 pounds; molasses, 42 gallons; pickles, $\frac{3}{4}$ barrel, 14 gallons; salt, 800 pounds; sugar, 650 pounds; vinegar, 44 gallons.

I have performed other duties as required by your board.

Respectfully submitted,

DR. CHARLES M. BERRY,

Inspector.

REPORT OF THE INSPECTOR OF MILK AND VINEGAR.

OFFICE OF THE INSPECTOR OF MILK AND VINEGAR, }
310 Broadway, Somerville, January 1, 1909. }

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit my report for the year ending December 31, 1908.

During the year 945 samples of milk have been analyzed, and the average standard has been higher than for several years. Constant watch has been kept for colored milk and for preservatives, but none has been found.

I am firmly convinced that the inspection of the dairies has resulted in a great improvement in the conditions where the milk is produced, and would recommend that more be done along this line during the coming year. It is essential that the farmers should be cleanly and careful, for if the milk is dirty at its source, the contractors and dealers are powerless to supply pure milk. Many of the farmers have followed out the suggestions of the inspector, and as a rule the dealers have obeyed the regulations adopted by the board. There is opportunity for improvement in the manner of handling the milk in stores, and I should recommend that milk be supplied to stores in bottles and sold in this way.

The following rules have been posted in stores where milk is sold:—

WARNING.

I.

The use of milk cans, bottles, and all other milk vessels as containers for anything except milk is prohibited by law.

II.

Milk should be kept at all times at a temperature not higher than 50° F. Milk for sale by dealers must be kept at that temperature.

III.

All utensils used in the handling and selling of milk must be washed and sterilized with steam or boiling water every day they are used. (See section 6, chapter 15, Board of Health regulations.)

IV.

Thoroughly mix all milk before selling.

The microscopic examination of milk sediment has been of value in detecting dirty milk; 176 samples have been so examined. The immersion refractometer, purchased late in the year,

has been useful in detecting watered milk. Quite a number of samples have been examined, and one case was prosecuted and fined \$25.

The standard of milk which is required was changed by the legislature in June, and the percentages now required are 3.35 per cent. butter fat and 12.15 per cent. solids; this standard is uniform for the entire year.

Statistics.

Stores on record December 31, 1908	540
Stores registered	136
Milkmen licensed	117
Grocery wagons licensed	36
Oleomargarine peddlers licensed	3
Store to sell oleomargarine	1
Milk samples analyzed	945
Milk sediments examined for bacteria	176
Oleomargarine samples	2
Vinegar (all up to standard)	34
Cream	9

Court Cases.

Complaints	17
Convictions	17
Days in court	20

Nature of Complaints.

Milk below standard	15
Selling milk without registering	1
Selling milk to which water had been added	1
Fines imposed	\$335.00

Cash Paid City Treasurer.

For milk licenses and registrations	\$146.50
Postage stamps . . . . .	.68
Hand centrifuge machine	5.00
	<hr/>
	\$152.18

Inspections.

Stores, coolers, ice chests, and cans inspected	500
Milk rooms and stables	118
Stables where cows are kept	15
Milk sheds and receiving tanks	7
Dairies and farms out of town	106
Cows examined	816

Eleven complaints from citizens have received attention. Many defects have been remedied, such as dirty floors, yards, walls, clothing, milk utensils, stagnant water, bad drains, etc.

Five dairies were condemned, and by vote of the board the milk was excluded from the city. These have been allowed to resume their supply to the city after having complied with the requirements of the inspector.

The state board of health has greatly facilitated the work of the local board by its system of inspections and notifications. All cases reported have been investigated.

To do away with the common method of tasting milk, the following vote was passed by the board May 12, 1908:—

Whereas, milk may be, and frequently is, made the carrier of infectious and contagious diseases, and, whereas, the germs of said diseases may be imparted to milk by persons in the act of testing, by tasting or otherwise handling milk before delivery to consumers;

It is therefore ordered: Whoever tests milk or cream which is to be offered for sale in any form by tasting shall do so by means of a clean spoon or piece of wood, paper, cardboard, or other article, and such spoon, piece of wood, paper, cardboard, or other article shall not again be brought in contact with milk intended for sale, or be used for testing milk until after being thoroughly washed and sterilized; no person shall permit any part of his person or clothing to come in contact with milk intended for sale in any form. All persons engaged in the tasting, mixing, or handling of milk for sale in any form shall before engaging in such tasting, mixing, or handling, thoroughly clean his hands and finger nails, and keep them as clean and dry as possible during such tasting, mixing, or handling. No person shall permit his hands while wet to remain or pass over any open vessel containing milk intended for sale in any form. No person shall fill a jar, can, or other receptacle with milk while the aforesaid jar, can, or other receptacle is held over an open vessel containing milk intended for sale in any form. No person who has sore throat, diarrhoea, or is suffering from any other disturbance of the bowels, or has symptoms of infectious or contagious disease, shall engage in the handling of milk which is to be offered for sale or which is for sale.

The food value of milk is not appreciated by the average person, nor does he understand the need of care in the handling and distribution of milk. Many times the milk is received at the consumer's residence in good condition, but the lack of care in using it leads to the production of conditions which are harmful to health.

Any citizen or physician who has any reason for complaint will receive prompt and courteous attention.

Respectfully submitted,

JULIUS E. RICHARDSON, V. S.,

Inspector of Milk.

Phones 21137, 741-3.

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.

C. CLARKE TOWLE, M. D.

Warden and Matron, City Home.

Mr. and Mrs. J. FOSTER COLQUHOUN.

Office.

City Hall Annex, Highland Avenue.

REPORT OF OVERSEERS OF THE POOR.

Somerville, Mass., December 31, 1908.

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

Gentlemen,—In accordance with our usual custom and the requirements of the law, we submit our annual report for the year 1908. It has been a matter of some surprise to our board the past year, which has included a period of great financial depression, with many industries curtailed or suspended, that the call for the city's charity has been so little increased, and it speaks well for the general character of the people in a city of this size that such is the case, and that so large a proportion are making a manly effort for self-support.

Every year we are becoming more and more assured that the action of the city in the purchase of the present home was a most wise as well as charitable act.

For those whose misspent life has brought them at last to our door, we have reluctant sympathy; but for the disabled, deserted, deserving, the "over the hill to the home" has, we trust, lost much of its gloom.

The work of the year has been entirely satisfactory in the different departments, and we submit the details as follows.

Signed,

E. B. WEST,	}	<i>Overseers of the Poor.</i>
A. W. EDMANDS,		
H. E. MERRILL,		

REPORT OF GENERAL AGENT.

December 31, 1908.

To the Board of Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—The following report, for the year 1908, is respectfully submitted.

The work of this department has been carried on much the same during 1908 as in former years. Our appropriation, \$13,500, being \$500 less than that of 1907, and the fact that the depression in business caused quite a number of men to be without steady employment, resulted in an overdraw on the miscellaneous account, which at the close of the year showed a deficiency of some \$649.14. Fortunately there was a balance in the city home account which more than equaled this deficiency, so that the departments kept well within the appropriations.

Aid Rendered.

Food was supplied to poor families during the year amounting to \$5,093, this being nearly \$1,000 more than was given in 1907. Fuel supplied to poor families, for which the city paid, amounted to \$707.23, nearly \$100 more than the year before. The net expenses for the miscellaneous account of the poor department amounted to \$14,149.14, or \$923.43 more than in 1907.

Change of Law.

During the year 1907 the law was changed, to go into effect December 1, 1908, in reference to cities and towns paying for the support of the "feeble-minded" and the sane "epileptics." The amount paid in 1908 for the two above-named classes was \$2,064.16. Hereafter this expense will be paid by the state.

State Refuses to Pay.

The state has refused to pay our bills during the last year for visits of the city physician to state paupers. The matter is now in the hands of the city solicitor, and I understand he has made arrangements with the state authorities to have the question decided by the court.

Law Suit.

The suit brought a year ago by the town of Braintree against this city, in the Pickering case, has not yet been settled.

If He Eats He Must Work.

It is still the rule to require the man in the family (if there is one) to do some work at the city farm in return for any aid rendered the family. If they really need the aid, they are very willing to work; if not, we usually do not hear from them again.

Work for the Board of Health and Hospital.

The number of cases sent us by the board of health, to look up settlements, has increased to such an extent that it looks now as though the services of an extra clerk would be required the greater part of the time. These and the Somerville hospital cases, from neither of which this department receives any cash benefit whatever, occupy nearly half of our time, and the work is increasing.

Appreciation.

I wish to thank the board for their kindness and help; especially I wish to thank them for their willingness to allow us extra help when it is really necessary. The usual tables, annexed, will give the work in detail.

Very respectfully,

C. C. FOLSOM,
General Agent.

Table No. 1.**FULL SUPPORT (DURING THE YEAR).**

In city home (men 31, women 21)	52
In city home December 31, 1908 (men 18, women 12)	30
In private families	2
In Somerville hospital	180
In hospitals for the sick in other towns, cities, and state	59
In hospital for dipsomaniacs	7
In hospital for epileptics	7

Table No. 2.**PARTIAL SUPPORT (OUTDOOR RELIEF).**

Families	221
Persons aided (not including hospital cases)	921
Burials	8
Permits to Tewksbury almshouse	20
Average expense to the city for each (ambulance for several)	\$3.12½

Table No. 3.**REIMBURSEMENTS.**

Commonwealth of Massachusetts	\$1,178 56
City of Boston	542 29
“ “ Cambridge	432 51
“ “ Chelsea	59 55
“ “ Everett	98 52
“ “ Fall River	4 60
“ “ Gloucester	30 73
“ “ Malden	38 30
“ “ Marlboro	13 75
“ “ Medford	32 73
“ “ New Bedford	11 63
“ “ Newton	192 73
“ “ Northampton	50 00
“ “ Salem	7 30
“ “ Springfield	60 70
“ “ Waltham	87 00
“ “ Woburn	19 45
“ “ Worcester	105 40
Town of Arlington	21 43
“ “ Ashburnham	21 43
“ “ Belmont	28 00
“ “ Boylston	8 57
“ “ Brookline	22 86
“ “ Clinton	21 43
“ “ Framingham	18 30
“ “ Leominster	52 31
“ “ Milton	1 50
“ “ Rockport	39 44
“ “ Southboro	16 00
“ “ Stoneham	50 21
“ “ Stow	22 60
“ “ Truro	1 00
“ “ Walpole	13 43
“ “ Weston	9 20
“ “ Weymouth	25 29
Relatives and individuals	467 45
	<hr/>
	\$3,806 20

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)	63
Total number of patients sent to hospital	180
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	1,555 73
Total paid to the hospital	<u>\$6,555 73</u>

Table No. 5.

POPULATION AND GROSS EXPENDITURES, 1883 TO 1908, 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
1906	72,000	{ Miscellaneous, \$18,237.53 } { City home, 6,806.79 } 25,044 32
1907	74,000	{ Miscellaneous, \$17,852.20 } { City home, 7,001.23 } 24,853 43
1908	75,500	{ Miscellaneous, \$17,955.34 } { City home, 6,875.56 } 24,830 90

*Census.

Table No. 6.

EXPENDITURES, IN DETAIL, FOR THE YEAR 1908.

1908.	Dry Goods.	Board.	Groceries.	Somerville Poor in Other Cities and Towns.	Boots and Shoes.	Medicine and Nursing.	Burials.	Salaries.	Fuel.	Sundries.	Cash Paid Out.	Tele- phone.	Stationery and Printing.	Somerville Hospital.	State Hospital.	Foxboro State Hospital.	Feebie- minded School.	Epileptic Hospital and Rutland Sanatorium.	Total.
January .	\$2.00	\$74 72	\$852 50	\$956 62	\$6 50	\$32 43	\$15 00	\$291 66	\$200 15	\$27 00	\$23 80	\$24 33	\$3 50	. . . .	. . . .	. . . .	\$253 50	\$211 25	\$2,974 96
February .		41 42	477 50			22 11	45 00	291 66	149 33	. . . .	7 60	. . . .	. . . .	. . . .	\$126 29	\$6 04	. . . .	194 07	1,361 02
March .		70 29	531 00	78 59	10 50	8 85	15 00	366 66	117 61	. . . .	9 36	. . . .	. . . .	\$399 99	. . . .	37 14	253 50	. . . .	1,898 49
April .		42 87	405 50	6 65	. . . .	29 92	15 00	316 66	. . . .	10 25	21 60	21 34	. . . .	133 33	150 00	. . . .	. . . .	. . . .	1,153 12
May .		44 29	429 50	8 86	1 20	39 15	. . . .	316 66	4 40	6 00	18 19	5 91	1 25	133 33	. . . .	. . . .	. . . .	170 86	1,179 60
June .		42 87	375 00	154 29	9 00	7 25	. . . .	316 66	1 10	. . . .	22 62	. . . .	. . . .	133 33	. . . .	68 43	256 26	. . . .	1,386 81
July .		65 86	320 00	619 45	1 50	27 40	. . . .	316 66	1 10	6 00	10 90	7 00	3 03	133 33	. . . .	. . . .	. . . .	. . . .	1,512 23
August .		48 72	438 00	85 04	. . . .	28 02	. . . .	316 66	. . . .	4 80	7 27	23 55	. . . .	133 33	145 88	. . . .	. . . .	257 21	1,488 48
September .		32 15	317 00	. . . .	. . . .	43 12	5 00	343 33	. . . .	2 00	11 05	. . . .	4 00	133 33	. . . .	129 07	256 26	. . . .	1,276 31
October .		29 86	386 50	552 86	14 75	24 78	. . . .	334 66	. . . .	1 70	8 85	7 00	9 00	133 33	. . . .	. . . .	. . . .	. . . .	1,503 29
November .		30 01	398 50	16 50	. . . .	16 39	15 00	316 66	154 79	. . . .	6 80	22 57	. . . .	133 33	70 46	. . . .	. . . .	211 25	1,392 26
December .		31 01	162 00	132 75	. . . .	10 02	. . . .	316 74	78 75	. . . .	8 40	. . . .	. . . .	89 10	. . . .	. . . .	. . . .	. . . .	828 77
Totals .	\$2 00	\$554 07	\$5,093 00	\$2,611 61	\$43 45	\$289 44	\$110 00	\$3,844 67	\$707 23	\$57 75	\$156 44	\$111 70	\$20 78	\$1,555 73	\$492 63	\$240 68	\$1,019 52	\$1,044 64	\$17,955 34



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 1888-1892)	1885	April 1893	"
Edward B. West (president May, 1894, to date)	1888	to date*	"
†Daniel C. Stillson	1888	April 1892	"
†Hon. Charles G. Pope, chairman ex-officio	1889	1891	"
Nathan H. Reed (president 1893 to April, 1894)	1890	April 1894	"
†Hon. William 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 1893	1899	"
Hon. George O. Proctor, chairman ex-officio,	1899		

*Present member.

†Deceased.

Table No. 7.

RECAPITULATION (MISCELLANEOUS).

Appropriation	\$13,500 00	
Reimbursements	3,806 20	
	<hr/>	
Total receipts		\$17,306 20
Total expenditures		17,955 34
		<hr/>
Overdrawn		649 14
Net expenditures		\$14,149 14

REPORT OF WARDEN OF CITY HOME.

City Home, January 1, 1909.

To the Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—I submit the following as the report of the warden of the city home for the year ending December 31, 1908:—

Table No. 1.

REIMBURSEMENTS.

Produce and pork sold	\$3,890 37	
Board of sundry persons	781 42	
		\$4,671 79

Table No. 2.

LIVING EXPENSES.

Salaries and wages	\$2,409 93	
Groceries and provisions	1,974 11	
Dry goods	329 68	
Boots and shoes	80 73	
Hay and grain	623 51	
Seeds and fertilizer	90 43	
Kitchen furnishings	56 34	
Sundries	160 84	
Farm sundries	270 05	
Cash paid by warden, car fares for warden, inmates, and laborers	47 05	
Medicines	80 63	
Shoeing horses	39 30	
Repairs on wagons and tools	77 95	
Repairs on sash	53 55	
General repairs	51 33	
Swill and bedding	305 00	
New tools	7 00	
Live stock	33 00	
Telephone	48 18	
		\$6,743 66
Credits:—		
Produce and pork sold	\$3,890 37	
Board of sundry persons	781 42	
		4,671 79
Net living expenses		\$2,071 87

Table No. 3.

Number of weeks' board of inmates	1,488 5-7
Number of males admitted during 1908	12
Number of females admitted during 1908	15
Number of males discharged during 1908	10
Number of females discharged during 1908	10
Number of males supported during 1908	31
Number of females supported during 1908	22
Number of males died during 1908	4
Number of females died during 1908	1
Number of inmates in home December 31, 1908	30

Table No. 4.**FARM ACCOUNT.****REIMBURSEMENTS.**

Produce and pork sold	\$3,890 37	
Produce used at city home	315 00	
	<hr/>	\$4,205 37

EXPENSES.

Wages for help	\$951 26	
Feed for one horse	155 88	
Shoeing one horse	13 10	
Repairs on wagon and tools	77 95	
Repairs on sash	58 55	
Swill and bedding	305 00	
Farm sundries	270 05	
Seed and fertilizers	90 48	
Live stock	33 00	
New tools	7 00	
	<hr/>	\$1,962 27
Balance		<hr/> \$2,243 10

Table No. 5.**PERMANENT REPAIRS AND FIXTURES.**

Building clothes line fence	\$109 36	
Brick, lime, and cement (ash pit)	14 06	
Water piping (1907)	3 68	
Door frame and hardware	4 80	
	<hr/>	\$131 90
Living expenses *		6,743 66
		<hr/>
Total expenditures		\$6,875 56

Table No. 6.

Appropriation	\$3,000 00
Reimbursements	4,671 79
Net expenditures	2,203 77
	<hr/>
Total receipts	\$7,671 79
Total expenditures	6,875 56
	<hr/>
Balance	\$796 23

Respectfully submitted,

J. FOSTER COLQUHOUN,

Warden.

REPORT OF THE CITY PHYSICIAN.

OFFICE OF THE CITY PHYSICIAN, }
Somerville, January 1, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—The following summary is submitted as representing the duties of the office for 1908:—

House visits	1,403
Office consultations	763
Visits at city home	30
Attended at police station	45
Vaccinations	174
Confinements	26
Examinations for legal department	12

Very respectfully,

C. CLARKE TOWLE,
City Physician.

REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER, }
CITY HALL, SOMERVILLE, January 20, 1909. }

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, 1908, 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, 1908.

Salary of City Engineer	\$3,000 00	
Salaries of assistants (see itemized statement)	7,936 09	
Stakes, tools, and general supplies (outside work)	83 36	
Draughting materials and office supplies (inside work)	160 01	
Setting stone bounds	100 00	
Car fares	244 55	
Maintenance of team	247 25	
Telephone, postage, and incidentals	169 62	
Total debit		\$11,940 88

CREDIT.

Appropriation	\$11,500 00	
Amount received for making acceptance plans	46 00	
Amount received surveys sundry sewers	395 00	
Total credit		\$11,941 00
Balance unexpended		\$0 12

Classification of Expenses, Assistants' Salaries.

Sewers,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	\$1,748 16
Highways,—comprising plans, estimates, titles, profiles, lines and grades, inspection of paving, and all other engineering relating to the department	508 48
Sidewalks,—comprising profiles, lines, grades, measurements, titles, costs, and assessments	1,291 53
Water Works,—comprising lines, grades, locations of mains, gates, hydrants, and services, and other matters relating to water department	468 00
Public Grounds,—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks and grounds, and boulevards	321 81
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction	65 18
Street Numbering,—comprising locations of buildings, plans, and affixing street numbers on houses	214 67
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	220 41
City Survey,—comprising establishing of street lines, acceptance plans, and miscellaneous survey work for city map, bridges, etc.	1,054 16
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	364 15
Railway, Telephone, Electric Light, and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits	28 01
Stone Bounds,—locating and setting	318 09
Office Work,—comprising records of all locations, indexing, typewriting, calculations, and general draughting	607 92
Miscellaneous Work,—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	55 52
Vacations, Holidays, and Sickness	670 00
Total	<u>\$7,936 09</u>

Grade Crossings Account.**STATEMENT OF EXPENSES, 1908.**

Ext. a legal services (City Solicitor)	\$1,372 88
Expert testimony	75 00
Real estate appraisers' services	245 00
Damages paid for land and buildings taken	31,901 91
Photographs, typewriting	114 93
	<u>\$33,709 72</u>
Transfer from Sewers Constructions Account	1,000 00
	<u>\$32,709 72</u>
Assets and liabilities (probably city will be reimbursed ninety per cent. of amount)	

Office Records and Value of Instruments.

Number of survey note-books, sewer permit books, deed books, calculation books, and record books,—three hundred and fifteen.

Number of plans, including sewers, highways, parks, house lots, etc.,—six thousand one hundred.

Value of field instruments, tools, and office instruments,— \$2,500

General Work.— A varied line of city work is carried on each year under the Engineering department, including the designing and superintending of the construction and maintenance of sewers, parks, playgrounds, boulevards, bridges, and other public works as may be authorized; the making of such surveys, plans, estimates, descriptions and specifications, and contracts for work as the mayor, board of aldermen, or any committee or department may require; the custody of all plans and profiles; and all data relating to the laying out, widening, or discontinuing of streets, and the engineering work for all departments of the city.

The city ordinances require that the city engineer must be consulted on all work where the advice of a civil engineer would be of service; and no structure of any kind can be placed upon, beneath, or above any street by any department of the city, corporation, or individual, until a plan is furnished showing the location, and approved by him.

Considerable of the engineering work is so closely allied with work in the Highway department that it is carried on in conjunction with it, and the final cost of completed work made up and betterment assessments computed, showing the amount assessed on the various property owners.

The number of assistants employed during the year on engineering work varied from seven to ten.

All plans of estates in Somerville recorded at the Registry of Deeds, East Cambridge, including land court plans, 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; also copies have been made of all city plans where land has been taken for highways or sewers, and these have been filed and recorded at the Registry, East Cambridge, as required by law.

Plans have been made and photographs taken where accidents have occurred on the city work or where boundaries were in dispute, for the use of the city solicitor in court cases and hearings; and special plans and data prepared for hearings relating to the proposed abolition of all grade crossings on the Fitchburg division of the Boston & Maine railroad.

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.

A set of block plans should be made covering the entire city area from accurate surveys made during the past twenty-five years, and compared section by section with the deed dimensions and areas recorded in the Assessors' department, and in this manner the correct areas of land determined.

This set of plans would also be of value to the Water department and various other departments, and would more than pay for the cost of making; three of these sectional plans have already been made.

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 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 twenty-five 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.

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; and work

has been continued under a special act of the legislature, with reference to the city of Somerville, passed in April, 1905, whereby the electric light and telephone companies are placing their overhead wires in conduits underground in certain specified streets, and removing all poles from these streets.

The electric light company has extended the underground conduit in Broadway during the year 2,205 feet (Partridge avenue to near the Boston & Maine railroad bridge, North Somerville). The total underground conduits in the city January 1, 1909, belonging to the New England Telephone and Telegraph Company amount to 13.31 miles; the Edison Electric Illuminating Company, 3.23 miles; and the Boston Elevated Railway Company have 0.85 of a mile of underground conduits on Broadway, in which the power wires are placed, and this work should be extended where all other wires and poles have been removed above the street surface.

The Charlestown Gas and Electric Company have laid 0.87 of a mile of gas mains, and the Cambridge Gas Light Company have laid 1.98 miles of gas mains in various streets in the city during the year.

Lines and grades have been given for laying 3,846 linear feet of new city water mains varying in size from one and one-half inches to twelve inches in diameter. One hundred and sixty-nine house services, eighteen gates, seventeen hydrants, five water posts, and two blow-offs have been located and recorded, sketches and plans made showing the same, and the large water works map corrected to date, and eighty-three old services were re-located.

Some of the trench work on the extension of water mains the past year has been done by the Water department by day labor at a considerably increased cost to the city. The greater part of this work should be done by contract, under proper specifications, with the lowest bidder, similar to contract work in the sewer department, at an annual saving of cost to the city.

During the year the Engineering department has made plans and established grades for the acceptance, under the betterment act, of ten new public streets, a total length of 1.31 miles.

Three plans have been made of private streets for acceptance as public streets during the year, as ordered, but not as yet made public, and there are plans for acceptance of twelve other private streets, previously made, on file in the office that, for various reasons, are still unaccepted as public ways.

Twenty streets have been constructed during the year, a length of 11,727 feet (2.2 miles), at a cost of \$22,412.24, where

betterment assessments have been levied on the abutting property amounting to \$14,126.67.

The total length of public streets in the city is 74.095 miles, and private streets, 20.613 miles.

Lines and grades have been given for setting 22,887.2 linear feet (4.34 miles) of new edgestone, and the re-setting of 4,759.3 feet (0.90 miles) of old edgestone, and measurements taken for computing assessments.

4,446.7 square yards of new brick sidewalks and 6,185.7 square yards of granolithic and tar concrete sidewalks, including sidewalks laid by private parties, have been laid (about three miles in length), and 2,414.6 square yards of old brick sidewalks re-laid.

The average cost for the year of setting edgestone with gravel sidewalk has been ninety-nine cents per linear foot, and laying brick sidewalks, \$1.07 per square yard, and granolithic, \$1.57 per square yard.

7,653.2 square yards of new paved gutters have been laid, and 413.3 square yards of new vitrified brick and granite crossings and driveways constructed; 1,827.7 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, 1908, and total lengths of sidewalks constructed in the city to date.)

Streets Accepted as Public Highways in 1908 under the Betterment Act.

NAME OF STREET.	WARD.	FROM	To	Width in Feet.	Length in Feet.	Date of Acceptance.
Bromfield rd. . . .	7	Warner st. . . .	Dearborn rd. . .	40	1,262	July 23
Chestnut	1	Poplar st. . . .	Southeasterly . .	40	537	Dec. 24
Dimick	2	Calvin st. . . .	Concord ave. . .	40	957	Jan. 1, 1909
Francis	6	Porter st. . . .	Conwell st. . . .	30	180	Dec. 24
Grant	4	Jaques st. . . .	Mystic ave. . . .	40	829	July 24
Hamlet (exten.) .	3	End st. (accept- ed Dec. 30, 1905) }	Boston st. . . .	30	165	Dec. 24
Kidder ave. . . .	7	Liberty ave. . . .	Willow ave. . . .	40	664	Dec. 24
Linden	2	Somerville ave. .	Charlestown st. .	33	587	June 12
Marion	2	End st. (accept- ed June 14, 1902) }	Dimick st. . . .	40	401	Dec. 11
Pearson ave. . . .	6	Morrison ave. . .	Boston ave. . . .	45	1,320	May 15
Total . . . .		. . . . .	(1.307 miles)	..	6,902	

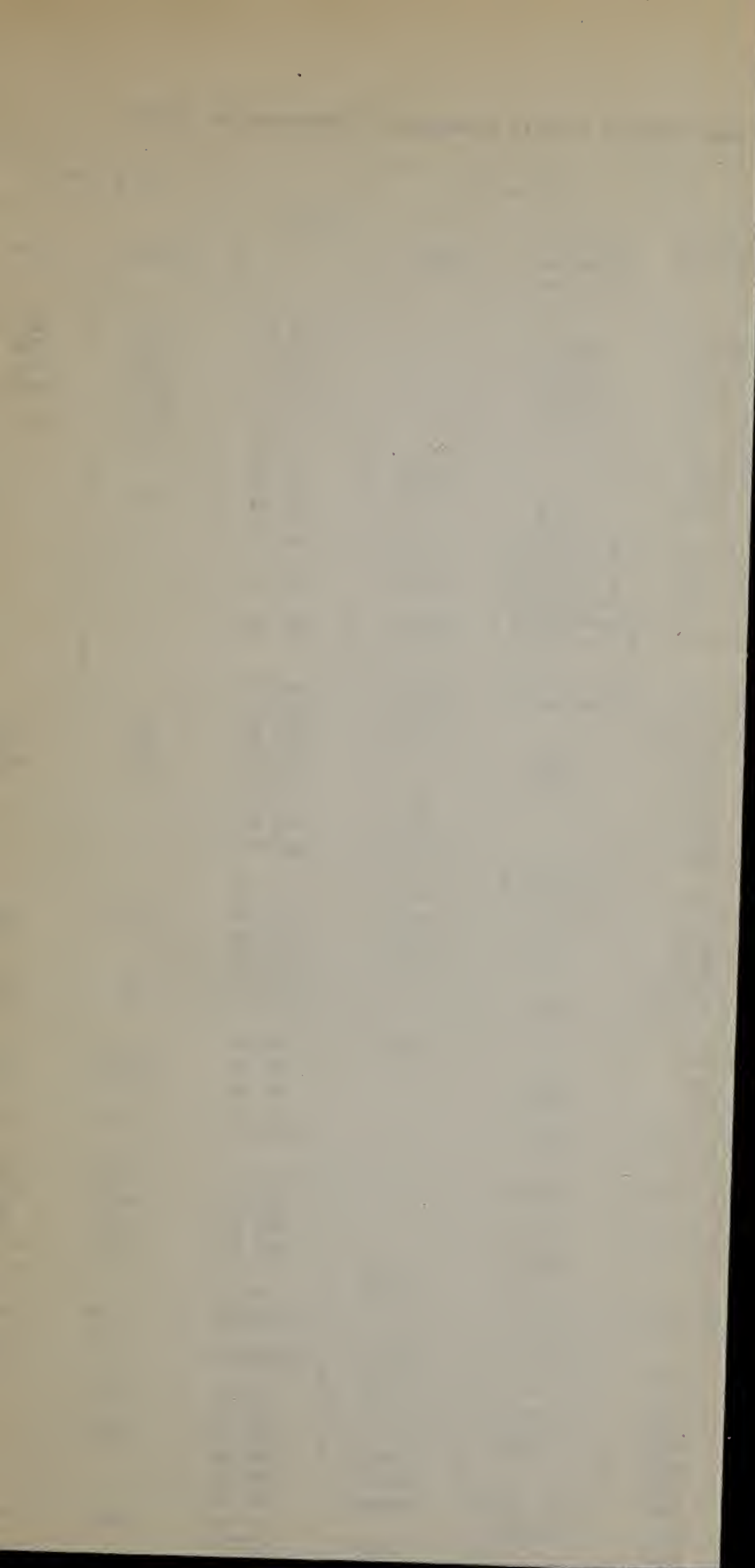


Table Showing Sidewalks Constructed (not exceeding one-half cost assessed on abutters) and Paved Gutters Laid in Connection Therewith in 1908.

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.
Albion	5	Northeasterly	Central st.	Lowell st.	6.67 and 9.67	1,334.3	.....	\$1,470 99	444.8	\$984 12
Ash ave.	5	Both	Meacham st.	East Albion st.	6.67	1,168.8	.....	1,130 41	389.6	709 88
Autumn	4	Both	Broadway	Bonair st.	3.00	813.5	.....	743 01	180.8	527 60
Bay State ave.	7	Both	Broadway	Fosket st.	6.67	2,421.2	.....	2,352 26	807.1	1,895 29
Beech	6	Both (where not already laid)	Somerville ave.	Atherton st.	6.67	479.9	.....	537 54	159.9	641 31
*Benton road	6	Westerly	Estate No. 42 . . . . .	.....	6.67	.....	27.3	43 03	.....	.....
*Benton road	6	Westerly	Estate No. 44 . . . . .	.....	6.67	.....	30.5	48 07	.....	.....
Bond	5	Northwesterly	Est. Chas. W. Cahalan . . . . .	.....	6.67	.....	70.2	67 59	23.4	50 33
*Broadway	7	Northeasterly	Pearson road	No. 763 inclusive	11.00	gran. 5.00 } sod 6.00 }	91.6	158 99	.....	.....
*Broadway	7	Southwesterly	Lowden ave.	Bay State ave.	11.00	gran. 8.00 } sod 3.00 }	189.3	313 21	.....	.....
*Broadway	5	Southerly	Bartlett st.	Glenwood road	15. to 10.4	gran. 10 to 8.1 } sod rem. width }	265.4	502 93	.....	.....
*Broadway	4	Northeasterly (where not already laid)	Fellsway, west	Temple st.	15.00	gran. 8.00 } sod rem. width }	837.4	1,466 37	.....	.....
*Broadway and Cross st.	1	Southeasterly corner	In front of Fire Station . . . . .	.....	15. and 6.50	.....	126.1	220 55	.....	.....
Charles	1	Westerly	Washington st.	Southerly end	5.00	.....	84.5	105 33	.....	.....
Cleveland	6	Both	Central st.	Harvard st.	6.67	.....	913.5	950 08	304.5	592 61
Concord ave.	2	Both	Beacon st.	Wyatt st.	5.00	.....	711.0	855 74	237.0	620 23
Dana	4	Southeasterly	Pearl st.	No. 3 inclusive	6.67	.....	60.1	70 98	.....	.....
*Electric ave.	7	Westerly	Curtis st.	Westminster st.	6.67	.....	158.8	226 90	.....	.....
*Gilman terrace	4	Westerly	Pearl st.	End of terrace	6.67	.....	242.6	356 45	.....	.....
*Glenwood road	5	Westerly (where not already laid)	Vernon st.	Medford st.	9.00	{ brick 6.00 } sod 3.00 }	466.7	617 17	.....	.....
*Glenwood road	5	Easterly	Broadway	Medford st.	6.67	.....	414.0	673 01	.....	.....
Granite	3	Both	Somerville ave.	Osgood st.	6.67	.....	773.5	755 59	257.8	565 15
Harrison and }	6	Both	Ivaloo st.	Kent st.	6.67 }	.....	932.7	864 52	.....	.....
Kent	6	Easterly	Harrison st.	Beacon st.	5.00 }	.....	.....	.....	.....	.....
Heath	5	Both	Mt. Vernon ave.	Moreland st.	6.67	.....	705.8	633 36	235.2	423 28
Highland ave.	6	Southwesterly (where not already laid)	Central st.	Spring Hill ter.	10.00	.....	885.7	926 62	.....	.....
Howard	7	Both	Thorndike st.	Gorham st.	6.67	.....	743.9	697 61	248.0	700 57
Ivaloo	6	Northerly	Beacon st.	Park st.	6.67	.....	630.8	581 99	210.2	432 59
Lexington ave.	6	Both	Cedar st.	Hancock st.	6.67 }	.....	.....	.....	.....	.....
Liberty ave. and }	7	Both	Hall ave.	Appleton st.	6.67 to 8.33 }	1,462.0	.....	1,405 03	487.3	929 32
Appleton st.	7	Both	Liberty ave.	Clifton st.	6.67 }	.....	.....	.....	.....	.....
Linden	2	Both	Somerville ave.	Charlestown st.	6.67 & 8.50 }	.....	548.6	551 41	182.9	392 49
Loring	3	Both	Somerville ave.	Osgood st.	5.50	1,190 9	.....	1,049 08	396.9	655 26
Lowden ave.	7	Both	Broadway	Fosket st.	6.67 & 7.67	782.5	.....	808 95	260.8	569 97
Medford and South }	2	Northwest corner	Medford st. No. 24, No. 26, No. 28,	And South st. No. 3	6.67	2,441.5	.....	2,664 55	813.8	1,721 41
Moreland	5	Both	Meacham st.	Mystic ave.	8.33 & 5.00	.....	79.7	84 18	.....	.....
Morgan	6	Northerly	Beacon st. to Park st. and south side	Front of No. 10, 12, 14	6.67	1,637.6	.....	1,634 06	545.9	1,095 41
Munroe	3	Both (where not already laid)	Boston st.	Prospect Hill ave.	6.67	.....	346.2	389 89	.....	.....
Mystic	1	Both	Benedict st.	Mystic ave.	10.00	798.1	.....	895 97	310.4	692 54
*Newbury	7	Northwesterly	Holland st.	No. 73 inclusive	6.67	698 8	.....	797 61	271.8	788 73
Park	6	Westerly	Near Beacon st.	Fitchburg R. R.	6.67	.....	779.7	1,061 93	.....	.....
Partridge ave.	5	Southeasterly	Medford st.	Vernon st.	8.33	.....	444.7	460 23	.....	.....
Pearson road	7	Both	Broadway	Warner st.	7.67	.....	670.4	867 25	.....	.....
*Pearson road	7	Easterly	Estate No. 1	Frederick ave.	6.67	1,149.0	.....	1,18 612	383.0	694 43
*Rogers ave.	6	Easterly	Morrison ave. . . . .	.....	6.67	.....	31.8	71 79	.....	.....
*Rogers ave.	6	Westerly	Near Frederick ave.	Broadway	7.50	gran. 5.00 } sod 2.50 }	433.0	855 17	.....	.....
*Sycamore	5	Easterly	Medford st.	Richdale ave.	7.50	gran. 5.00 } sod 2.50 }	500.6	934 16	.....	.....
Vine st.	2	Both	Beacon st.	Hanson st.	6.67	.....	309.6	443 37	.....	.....
Wesley st.	4	Southerly	Pearl st.	Otis st.	5.00	1,112.1	.....	1,063 34	370.7	751 07
Willoughby	5	Southwesterly	Central st.	No. 11 inclusive	6.67	.....	349.0	345 56	.....	.....
						.....	127.0	154 02	.....	.....
Total assessment						22,587.5	8,884.4	\$35,145 97	7,521.8	\$16,433 59
			Net cost to city							

Amount of edgestone and brick sidewalk, including granolithic and tar, in front of private estates
Totals. (Gravel sidewalks, 3.318 miles. Brick, granolithic, and tar sidewalks, 3.002 miles.)

* Granolithic.

Length of Public Streets in Each Ward.

	Miles.
Ward one	9.456
Ward two	8.354
Ward three	7.479
Ward four	9.390
Ward five	11.182
Ward six	12.447
Ward seven	15.787
Total length of public streets in the city .	74.095

Miles of Edgestone, Brick, Granolithic and Gravel Sidewalks in Each Ward.

	Edge- stone.	Brick & Granolithic Sidewalk.	Gravel Sidewalk.
Ward one	16.893	12.365	4.528
Ward two	13.473	5.955	7.518
Ward three	13.918	11.915	2.003
Ward four	13.539	10.064	3.475
Ward five	18.640	11.766	6.874
Ward six	20.963	15.487	5.476
Ward seven	20.464	11.021	9.443
Total miles in the city	117.890	*78.573	39.317

*Includes 9.82 miles granolithic and tar concrete walk.

Table of Street Construction.

	Square Yds.	Miles.
*Streets paved with granite blocks	68,542	2.85
Streets paved with "Hassam" pavement	36,802	1.80
Streets paved with asphalt	10,410	0.73
Streets paved with vitrified brick (Davis square)	5,640	0.20
Streets paved with "bitulithic"	14,689	0.88
**Streets macadamized		67.45
Streets graveled or unimproved		20.80
Total		94.71

*Also 31.8 miles (single track) electric railway, paved with granite, asphalt, "bitulithic."

**Includes 2.84 miles boulevard, and 1.17 miles state highway.

Lines, grades, and measurements have been given and miscellaneous work done for extending the granite block pavement on Somerville avenue, from Kent street to Lowell street, a

length of 596 feet. Two thousand two hundred forty-two square yards were laid on a gravel foundation, with tar pitch joints, at a cost of \$5,586.27.

Granite block paving has been re-laid in various streets to the amount of 512 square yards. The total length of permanent paved streets in the city amounts to 6.46 miles, and includes five different kinds of pavement, namely,—granite blocks, "Hassam," "bitulithic," asphalt, and vitrified brick.

Only a small amount of permanent pavement was extended on the main thoroughfares the past year, the greater part of the work being the constructing of lateral streets.

These streets have been macadamized and the top course constructed with "trap-rock" and a mixture termed "Tarvia," used for a binder and dust-layer, at an average cost of about \$0.81 per square yard; showing an average cost of \$1.86 per lineal foot for macadamizing the roadway of a forty-foot street, built by the city, day labor.

Twelve streets have been re-macadamized or re-surfaced, a length of 9,479 feet (1.8 miles).

Mystic avenue, between Austin street and the Medford line, about 6,200 feet in length, and formerly an old turnpike road, has been taken as a state highway and thoroughly constructed with macadam roadway at a total cost of about \$30,000, and will be maintained in the future at the state's expense; the only cost to the city being whatever damages may accrue on account of construction work in front of the abutting estates.

On some of the principal streets, the edgestones should be completed, gutters paved, and catch basins added between the car tracks, so that the street can be properly drained in times of heavy storms. A considerable quantity of stone still remains on the two parcels of ledge property owned by the city, situated in West Somerville, that can be quarried and used for the foundation of streets and on sidewalk work, to the city's advantage. By using the stone from these two ledges and purchasing trap-rock, the city will have a sufficient supply of good road material for a number of years to come.

Where double car tracks have been laid in streets, leaving narrow roadways on either side, it is impossible to maintain a macadam surface, even at a heavy expense yearly, and these streets should be permanently paved with a suitable permanent pavement adapted to the character of the surroundings and amount of traffic and conditions encountered.

There are 31.8 miles of electric railroad (single track location) laid at the present time in the city's streets, and in water-

ing the main thoroughfares, time and expense could be saved by utilizing this trackage for running street-sprinkler cars, the same as in a number of cities throughout the state.

During the year 1908 sixty-five and seven-tenths miles of city streets have been watered, at a total cost of \$28,738.72.

Abolition of Grade Crossings. The special commission appointed by the court in 1905 to determine what should be done as to the abolishment of grade crossings on the line of the Fitchburg division of the Boston & Maine railroad, running through the southwesterly portion of the city, have nearly completed the duties for which they were appointed.

After many hearings held before this commission, various plans being presented and interested parties heard, a final plan and report was made on the Somerville-avenue crossing and a decree issued by the court in accordance therewith, July 7, 1908, whereby at this crossing the city's highway and the electric car service is to be carried over the steam railroad tracks by a bridge with elevated approaches having a three and one-half per cent. grade.

The contract for the work to be done at this crossing has been awarded, and considerable progress on the construction work has already been made, and it will probably be completed by August, 1909.

On the remaining crossings no decree has yet been issued, but it is known what the commissioners' report will be in regard to the matter, and final plans are being made to accompany their findings on the separation of grades at these various crossings.

This plan of abolishment of grade crossings to be adopted at two streets is the same as proposed by the city's scheme presented to the commission; at the other three crossings it is just the reverse of the city's scheme as presented.

By the final plan adopted, five crossings will be changed, at an estimated cost of about \$1,000,000, leaving a number of dead-end streets, while the city's scheme provided for the carrying of *all* streets across the railroad location at a cost slightly in excess of \$1,000,000.

No provision is made by the commission for crossings at Vine street, Kent street, or Sacramento street, and the steep approaches and old narrow bridges remain as at present at Prospect street and Washington street.

The plan to be adopted at Webster-avenue and Newton-street crossing (combined) for carrying the city's street over the railroad tracks by a bridge with elevated approaches is a very unsatisfactory solution of the problem for the city's welfare, and

requires unnecessary changes to private property and streets outside of the railroad location, necessitating the payment of heavy damages.

The matter of constructing bridges over the main line and branch locations of the Boston & Maine railroad, on the line of Lowell street, North Somerville, as formerly decreed by the county commissioners, has been pending in court for some time, and an unfavorable decision for the city has been rendered.

Some other line of procedure should be taken by the city to obtain this much-desired and important crossing.

Stone Bounds. In the report of 1907 a table was given compiled from reports, maps, and office notes, showing the location of stone bounds, as set, for defining street lines and angles; the year when set, and whether existing or removed, at the present time, from 1860 to 1907, inclusive.

Stone Bounds Set in 1908.

Alpine street.....	South side, at east side Cedar street.
Alpine street.....	South side, at end 30-foot street.
Appleton street.....	South side, west side Liberty avenue.
Autumn street.....	East side, south side Broadway.
Autumn street.....	East side, angle.
Autumn street.....	East side, north side Bonair street.
Bay State avenue...	West side, south side Broadway.
Bay State avenue...	West side, north side Fosket street.
Boston avenue.....	West side, north side Highland road.
Boston avenue.....	West side, north side Prichard avenue.
Calvin street.....	East side, south side Washington street.
Calvin street.....	Southeast side, northeast side Beacon street.
Cleveland street.....	South side, P. C., near Central street.
Concord avenue.....	Southeast side, northeast side Beacon street.
Franklin avenue.....	East side, north side Washington street.
Franklin avenue.....	East side, angle.
Giles park.....	South side, west side Walnut street.
Granite street.....	West side, north side Somerville avenue X 2-foot offset lines.
Highland road.....	West side, north side Morrison avenue.
Hinckley street.....	East side, south side Broadway.
Hinckley street.....	East side, P. C. curve, near Fisk avenue.
Hinckley street.....	East side, P. T. curve, near Richardson street.
Jasper street.....	West side, south side Pearl street.
Jasper street.....	West side, north side Gilman street
Lexington avenue...	South side, X tangents, near Hancock street.
Lexington avenue...	North side, X 40 and 50-foot streets.
Lexington avenue...	North side, west side Cedar street.
Lowden avenue.....	West side, south side Broadway.
Lowden avenue.....	West side, north side Fosket street.
Loring street.....	West side, south side Osgood street.
Loring street.....	West side, north side Somerville avenue.
Moreland street.....	West side, north side Main street.
Moreland street.....	East side, south side Heath street.
Moreland street.....	West side, south side Mystic avenue.
Mystic street.....	East side, south side Mystic avenue.
Mystic street.....	East side, north side Benedict street.
Pearson road.....	East side, north side Broadway.

A number of sewers have been constructed as petitioned for in different sections of the city, or as considered necessary for the drainage system, 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.

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 old sewer to be used for storm and surface water. The city pays the entire cost of these new sewer extensions for house drainage.

Wherever these new sewers are constructed, the house plumbing should be changed where necessary, and the house drains and conductor, or surface water drains, re-connected with both systems as soon as possible.

The Tannery brook underdrain has been re-laid and extended to Muller's tannery in Cambridge, according to an agreement made by the city in 1901 for furnishing water.

Small private sewers have been laid by the property owners, at their expense, in Adelaide road, Mardel circle, and in the sidewalk on Medford street (Tennyson street to Central street), a combined length of 485 feet.

New sewers and drains were constructed during the year varying in size from eight-inch pipe to twenty-inch pipe, and a re-enforced concrete structure three feet by three feet nine inches, in the following localities:—

"Separate system" sewers in:—

College avenue,—(east side) Two Penny Brook to opposite Talbot avenue.

Florence street,—(east side) Washington street to angle in street.

Garfield avenue,—Mystic avenue to Broadway (south-westerly side).

Joseph street,—(north side) end of old sewer to Lincoln parkway.

Kent court,—(both sides) Kent street to near end of court.

Miller street,—(both sides) Sacramento street to angle in street.

Mystic avenue,—(south side) Fellsway east to Cross street.

Newbury street,—Cambridge city line, northeasterly.
 Private lands and Powder House boulevard,—College
 avenue, across Tufts College land to boulevard
 (west side), and southerly to near Powder House
 square.

Sacramento street,—Beacon street to near Fitchburg
 railroad.

“Combined system” sewers in:—

Dante terrace,—Craigie street, westerly.

Grant street,—Sydney street to near Mystic avenue.

Storm drains in:—

Bowdoin street,—Washington street to Lincoln park.

Mallet street,—Lowden avenue to Willow avenue.

Willow avenue,—Mallet street, southerly.

Waverly street,—extension of outlet.

Tannery brook extension of underdrain, agreement of
 1901.

Summary of Work. Eighteen new sewers and drains have
 been constructed during the year, a total length of 7,310.8 linear
 feet (1.385 miles), at a cost of \$15,076.04; plans have been made
 showing these sewers in detail, and assessments levied on a
 portion of them, amounting to \$2,385.01. (See tabular state-
 ment of sewers and drains for 1908, showing itemized statement
 of work and cost.)

The total length of the city’s drainage system is 98.57 miles,
 24.51 miles being on the “separate system,” and 6.46 miles of
 storm drains, and the entire cost of construction has amounted
 to about \$1,221,765, exclusive of the amount paid to the state
 for assessments for the construction of the North Metropolitan
 sewerage system.

Fifty-two new catch basins have been constructed in the
 highways during the year, at an average cost of \$60.10 per basin,
 making a total of 1,515 catch basins in the city for street
 drainage purposes, constructed and maintained as follows:—

By the city (sewer department):—

Located in streets and subways	1,466	basins
Located in city boulevard	29	“
Located in parks (11), other city lots (9)	20	“
	<hr/>	
Total catch basins constructed and maintained by city	1,515	
By Boston & Maine railroad company on railroad locations	29	basins
By state, located in boulevards	52	“
	<hr/>	81

Total catch basins in city for drainage purposes 1,596

Metropolitan Sewer Connections. All of the city’s ten con-
 nections with the North Metropolitan sewerage system are in

good condition. No new main connections have been required.

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 1908, completely closed 469 hours, partly closed 605 hours.

This unusually large "cut-off" being partly caused on account of the Chelsea fire, when the state sewer for a time was inoperative, and the extra cost of maintenance paid the state was also in part due to this fire, one of the sewerage pumping stations being destroyed.

In previous years the following:—

Year 1907,	completely closed	206	hours,	partly closed	534	hours.
" 1906,	"	289	"	"	331	"
" 1905,	"	297	"	"	548	"
" 1904,	"	279	"	"	922	"
" 1903,	"	180	"	"	167	"
" 1902,	"	376	"	"	377	"
" 1901,	"	386	"	"	225	"
" 1900,	"	353	"	"	114	"

The city's assessment for the Metropolitan sewer system for the past year was \$33,197.83 on construction account and \$26,404.42 for maintenance, and the total amount paid the commonwealth of Massachusetts for this state sewer has been \$640,205.32 (1892-1908, both years inclusive). The total length of the Metropolitan sewerage system mains running through the city amounts to 3.368 miles.

New Work. The separate system should be extended in the old sections of the city each year, as the appropriation will allow.

The construction of the storm drainage system, commenced in the year 1905, should be continued in the vicinity of North Somerville, where buildings and new streets are being rapidly constructed; the outlet for this district being through the city of Medford into Mystic river.

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; and when the new dam is completed on the old site of Craigie bridge, this matter of improving the city's drainage system should be carried out.



TABULAR STATEMENT OF SEWERS BUILT IN 1908.

LOCATION.			ITEMS OF CONSTRUCTION AND COST.																			Total cost.	Assessment.	Cost to City.	
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.										
						Size in inches.	Length in feet.	Size in inches.	Length in feet.						Excavating, Re-filling, and Pipe Laying.	Main Sewer.	Sub-drain.	Price, including Sub-drain where laid.	Inspection.	Miscellaneous.	Lumber.				Resurfacing Streets, Repaving Sidewalks, etc.	Average cost per lineal foot.
Bowdoin st. (storm drain) and Lincoln Park (storm drain)	Washington st.	Lincoln Park	Timothy F. Crimmings	Sand and filling	7.5	12	413.7	.....	.....	.....	.....	2	\$46.90	4	\$0.65	.....	\$0.38	\$0.16	†\$0.23	\$0.14	.....	\$1.80	\$258.69	.....	\$858.59
*College ave. (easterly side)	Private Land Sewer	Opposite Talbot ave.	Timothy F. Crimmings	Sand	8.7	8	642.0	5	212.0	0.5	\$3.00	3	48.21	26	0.69	0.20	0.23	0.06	0.02	0.04	.....	1.33	854.30	\$627.30	227.00
Dante ter.	Craigie st.	Westerly	Day labor	Hardpan and filling	9.3	10	170.2	.....	.....	.....	.....	1	24.96	9	0.50	.....	0.29	0.11	0.01	.....	.....	1.06	180.21	180.07	0.14
*Florence st. (easterly side)	Washington st.	Near Angle	Day labor	Hardpan	7.1	8	470.0	.....	.....	.....	.....	2	44.78	18	0.49	.....	0.19	0.16	.....	.....	\$0.25	1.28	602.13	.....	602.13
*Garfield ave.	Mystic ave.	Broadway	Timothy F. Crimmings	Hardpan, clay and rock	12.6	20	1,154.5	5	452.3	55.0	3.00	3	54.90	50	1.65	0.20	0.83	0.24	0.11	0.02	0.06	3.44	4,333.67	2,926.87	1,406.80
*Garfield ave., produced	Broadway (n. e. side)	Broadway (s. w. side)	Timothy F. Crimmings	Hardpan, clay and rock	14.0	18	105.7	5	105.7	34.3	5.00	1	54.90	.....	1.70	0.20									
Grant st.	Sydney st.	Near Mystic ave.	Wm. J. McCarthy Co.	Ballast	7.5	10	258.0	.....	.....	13.2	1.00	1	45.46	22	0.60	.....	0.24	0.09	.....	.....	.....	1.15	297.72	297.57	0.15
*Joseph st. (northerly side)	End sewer built 1899	Lincoln parkway	Day labor	Filling	8.6	8	58.0	.....	.....	.....	.....	1	36.27	1	0.70	.....	0.26	0.17	.....	.....	.....	1.75	101.69	.....	101.69
*Kent court (both sides)	Kent st.	Northwesterly	Timothy F. Crimmings	Sand	5.5	8	523.0	.....	.....	.....	.....	4	36.84	20	0.37	.....	0.21	0.14	0.03	.....	.....	1.03	540.06	.....	540.06
Mallet st. (storm drain) and Willow ave. (storm drain)	Lowden ave.	Willow ave.	Day labor	Filling	6.0	10	237.8	.....	.....	.....	.....	1	41.48	.....	0.50	.....	0.25	0.13	.....	.....	.....	1.01	307.21	.....	307.21
	Mallet st.	Southwesterly	Day labor	Filling	6.0	10	64.9	.....	.....	.....	.....	.....	1												
*Miller st. (both sides)	Sacramento st.	Angle in street	Bartholomew Burke	Sand	8.5	8	676.4	5	73.0	.....	.....	2	37.86	25	0.58	0.20	0.22	0.11	.....	0.01	.....	1.05	708.51	.....	708.51
*Mystic ave. (southerly side)	Fellsway east	Garfield ave.	Timothy F. Crimmings	Filling	13.0	20	467.0	5	467.0	8	4.00	3	62.95	.....	1.85	0.20	0.83	0.32	.....	0.24	0.22	3.81	2,674.40	.....	2,674.40
	Garfield ave.	Cross st.	Timothy F. Crimmings	Filling	11.5	12	235.6	5	230.0	4	4.00	1	62.95													7	0.98	0.20
*Newbury st.	Camb. City Line	N'rth easterly to old sewer	Bartholomew Burke	Sand and gravel	7.3	8	299.5	.....	.....	.....	.....	.....	.....	26	0.48	.....	0.28	0.05	0.09	.....	.....	0.90	270.00	260.50	9.50
*Private Lands and Powder House blvd. (west'ly side)	College ave.	Powder House blvd.	Charles A. Kelley	Sand	6.2	8	577.5	5	196.0	.....	.....	1	42.15	18	0.40	0.20	0.22	0.05	0.01	0.04	.....	1.26	1,225.41	1,019.57	205.84
	Athletic Field	Near Powder House sq.	Charles A. Kelley	Sand, rock and hardpan	6.6	8	394.2	130	2.50	3	42.15													17
*Sacramento st.	Beacon st.	Near Fitchburg R. R.	Bartholomew Burke	Sand	7.4	8	267.8	5	97.0	.....	.....	3	37.96	17	0.53	0.20	0.24	0.18	0.03	0.01	.....	1.49	393.21	.....	393.21
Tannery Brook Storm Drain, concrete invert, relaying and extending underdrain as per agreement of 1901					.....	.....	.....	5	400.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.15	458.32	.....	458.32
Waverly st. (extension of outlet) storm drain	Tide Gate Chamber	Southerly	Day labor	Filling	9.0	36x45	231.0	Re-en forced	concrete structure.	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	7.46	1,723.93	.....	1,723.93
Total length and cost of new sewers and drains built in 1908,					7,310.8 (1,385 miles.)														\$15,534.36	\$5,311.88	\$10,222.48				

* Separate system sewer.
 † Drainage of Lincoln Parkway.

Total length of sewers built by the city, January 1, 1909 451,558.5 feet. (120 feet relaid.)
 Total length of private sewers in the city, January 1, 1909 34,748.0 feet. (485 feet added to city sewerage system.)
 Total length of sewers in the city, January 1, 1909 486,306.5 feet, or 92.104 miles. (24.513 miles separate system.)
 Total length of storm drains in the city, January 1, 1909 34,130.3 feet, or 6.464 miles.
 Total length of the city drainage system, January 1, 1909 98,668 miles.
 Total length of Met. sewerage system mains running through the city 3,368 miles.

During the past year the state has taken land in the cities of Somerville and Cambridge and the towns of Arlington and Belmont for the purpose of improving the sanitary condition of Alewife brook within the limits of the referred-to cities and towns, and considerable preliminary work has been done. A portion of this brook at its outlet into Mystic river has already been straightened and dredged, and the work will probably be extended the coming year.

The following table shows an itemized cost of sewers constructed during 1908, and in the 1907 report tables are given showing sewers constructed on the "separate system"; storm drains constructed; size and materials of construction of the city's entire drainage system:—

Sewers Maintenance Account.

STATEMENT OF EXPENSES, 1908.

Maintenance of sewers, including cleaning and flushing (98.6 miles)	\$2,741 53	
Maintenance of catch basins, cleaning and flushing (1,515)	7,422 44	
Changing line and grade and repairing catch basins	384 25	
Changing line and grade and repairing manholes	311 47	
Repairing old sewers	138 19	
Inspection and location of house drains	217 00	
New tools and supplies	209 08	
Repairs of tools and property	96 94	
Sundry expenses, car fares, telephone, books, etc.	116 65	
Maintenance of sewer department yards and buildings	362 40	
Work and materials furnished other departments and companies	878 56	
Total debit		\$12,878 51
CREDIT.		
Appropriation	\$12,000 00	
Amounts received from other departments and companies, labor, materials furnished	878 56	
Received from W. A. Rice for deed	1 00	
Total credit		\$12,879 56
Balance unexpended		\$1 05
Value of tools and property on hand used in maintenance of sewers	\$907 00	

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.

About 9,500 cubic yards of deposit have been removed from the catch basins and sewers during the year, and the average cost per mile for this cleaning and maintaining has amounted to \$103.08.

Seventy-nine catch basins and ninety-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.

Two hundred and fifty-nine permits have been issued to licensed drain layers for connecting buildings with the main sewers, forty-nine being for repairs or alterations; all of the work being done under the supervision of the city's inspector. There are to date about 13,868 private drain connections with the city's drainage system.

During the year the sewer department has done considerable miscellaneous work for other city departments and outside companies where alterations and new construction work has been required, furnishing materials and labor, and being reimbursed for the same to the amount of \$878.56.

There are a number of old private sewers that should be released to the city so that they can be thoroughly repaired or re-constructed and put in a good sanitary condition, and be maintained in the future by the city.

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 66.1 acres, and also a boulevard about one and one-third miles in length maintained by the city; included in this total area are playgrounds where the land is owned by private parties and leased to the city, for use, in the following localities: On Winthrop avenue (Fellsway east), two and one-half acres; Knowlton street, one and one-half acres; the Broadway athletic field in West Somerville, 4.4 acres; and the cemetery lot, .7 acre.

This area of parks and playgrounds, in comparison with other cities, is one of the best, Somerville being very small in area and the most densely-populated city in the state, about 18,000 per square mile.

Four of the larger pleasure parks, namely, Central Hill, Prospect Hill, Powder House park, and Broadway park, are beautifully-laid-out spots in a thickly-settled city, and famous for what they represent historically. Less than twenty years ago the city owned and maintained but two parks, and at the present time the acreage has increased to more than double the amount; and until the year 1899 the city maintained no field for athletic purposes of any description, while at the present time (less than ten years) there are seven baseball fields and three football fields in use and under the city's supervision, as well as numerous smaller playgrounds, on which are located an outdoor gymnasium, running tracks, tennis courts, etc., for recreation and rest, where children can play and enjoy themselves, and are safe from the dangers of a thickly-settled city.

There are a number of vacant lots in the city, owned by private parties, large enough for the purpose of establishing recreation grounds and breathing spaces, which undoubtedly could be obtained for short term leases by payment of the taxes to the owner of the property, and be of great benefit to a large number in the congested parts of the city.

Additional apparatus should be erected on some of the principal parks and playgrounds, such as swings, tilts, sand-piles, etc., for the smaller children's pleasure, and parallel bars, flying rings, horizontal ladders, etc., installed for recreation, where a regular park employee can have the care of the same.

Permanent shelters, constructed of re-inforced concrete, should be erected on several of the play fields, in place of some of the old wooden structures now existing.

At the westerly end of Lincoln park, a swimming pool having an area of not over 3,000 square feet could be constructed,

with a concrete bottom and side walls, at a small cost, and would be a source of much enjoyment and beneficial to a very large number of children in the immediate vicinity.

Considering the popularity and general feeling of the public in regard to athletics and outdoor exercise in general, as shown in our own city in the last ten years' time, the question arises of the city's having at least one large permanently-located field for such a purpose, inasmuch as the best and only enclosed field at present in the city is maintained on leased land, belonging to the trustees of Tufts College, which in a short time will not be available for the city's use; the lease expires July 1, 1911, or sooner, if the college authorities so desire. Notice of such termination has been received, accompanied by a plan showing the field laid out into streets and building lots, but no definite action has been taken as yet.

A plan has been made recently showing the lay-out of a new proposed field where all kinds of athletic contests could be held, and could be constructed in a term of years, a portion at a time, without handicapping the finances of the city in the least. The location of this proposed field being in the northwesterly section of the city bordering Alewife brook and the Powder House boulevard, including an area of about ten acres, and negotiations are pending with the Metropolitan park commission whereby this area may be transferred to the city, permanently, for recreation purposes.

An area owned by the city, and known as the Collins and Ham ledge property, located on Clarendon hill, near the Cambridge boundary line, might be developed in the future into a pretty pleasure park, similar in nature to the Powder House park; also the Holland-street property, owned by the city, and situated in West Somerville, could be developed in the future by laying out a portion of the area for streets and house lots, and the remainder used for recreation purposes.

With all of these various parcels of land referred to properly developed in the future as parks, playgrounds, and resting places, the city will be amply provided in this line, and second to none in the state.

A strip in the centre of Broadway, between the Charlestown line and Fellsway (east), has been reserved as a parkway. The portion of this reserved space between the double car tracks has been loamed and shrubbery planted during the year, the expense charged to the Highway department, under which it will be maintained in the future.

As an experiment, "Tarvia" has been applied on the macadam surface of a section of Powder House boulevard, where the roadway has been badly worn, caused by the large

amount of automobile travel, and this work should be continued until the entire length of this driveway has been put in a satisfactory condition; also, the roadway on Prospect Hill park should receive similar treatment.

Steep grade walks on some of the parks have been tar-concreted, or "tarviated," to prevent washing in times of storms; and edgestone has been set on a portion of the Munroe-street sidewalk at Prospect Hill park.

The granite curbing around the pond in Broadway park has been re-set during the year.

At Lincoln park a new sanitary, sink, etc., have been installed. On Central Hill park many of the concrete walks should be re-constructed, and additional walks will be required when the soldiers' memorial is completed.

The larger areas have been policed by regular officers from the police department, when required, the expense being paid from the police appropriation, 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.

Several fields have been maintained for ball playing and constantly in use by the many athletic teams, the games being arranged for and regularly scheduled on the various grounds throughout the season, over 200 games being provided for.

The Somerville High School Association has paid a portion of the cost of maintaining the enclosed athletic field, amounting to \$132 for 1908.

About \$1,500 has been spent during the year in laying out and grading the proposed new athletic field, formerly known as "Wild Cat Hill gravel pit"; an area of about three and one-half acres being practically ready for use.

The city's assessment for Metropolitan parks and boulevards for the year 1908 amounted to \$16,088.51 on construction account, and \$14,765.29 being the proportional cost for maintaining the same; in addition to this, the city's special assessment for the newly-constructed Wellington bridge across Mystic river, on the line of the Metropolitan parkway, amounted to \$5,308.42 on construction account, and \$857.12 for maintenance. Somerville pays a separate assessment, together with four other cities, of twelve and one-half per cent. of the cost of construction and maintenance of this new bridge, besides the proportional part of the Metropolitan park district assessment. The total of the above assessments amount to \$37,019.34, being

Somerville's proportional payment to the state on account of the Metropolitan park system for the year 1908.

The total assessment paid to the state for parks and boulevards amounts to \$232,024.94 January 1, 1909, and the only length of state boulevard at present constructed in this city consists of seven-tenths of a mile of double roadway, located in the easterly part of the city, and extending between Broadway and Mystic river.

Whenever the plan of sanitary improvement is completed along the line of Alewife brook, on the northwesterly boundary of Somerville, a boulevard will be constructed along the banks of this brook at small expense, connecting Massachusetts avenue in Cambridge with the city's Powder House boulevard, which will improve the general conditions in this section of the city, and enhance the value of surrounding property.

A concrete bridge has just been completed over Alewife brook, near its outlet at Mystic river, connecting the northerly end of Powder House boulevard with the Mystic Valley parkway.

Maintenance Account (Public Grounds).

STATEMENT OF EXPENSES.

Broadway Park (15.9 acres):—

Maintenance of grounds and general care of property, labor, and teams	\$1,226 07
Re-setting curbing around pond	265 00
Tools and supplies	106 01
Repairing tools and property	28 31
Plants, flowers, bulbs, and shrubs	155 15

\$1,780 54

Broadway Parkway (2.0 acres, Grant street to Boston line):—

Maintenance of grounds, labor	\$220 67
Plants, flowers, trees, etc.	78 00

298 67

Central Hill Park (13.1 acres):—

Maintenance of grounds and general care of property, labor, and teams	\$1,240 45
Re-constructing walks and driveway	235 89
Tools and supplies	107 95
Repairing tools and property	149 64
Plants, flowers, bulbs, trees, and shrubs	412 03

2,146 01

Prospect Hill Park (2.6 acres):—

Maintenance of grounds and observation tower, labor and teams	\$1,027 64
Re-constructing walks and hand railings	202 66
Sidewalk assessment	41 37
Tools and supplies	65 53
Repairing tools and property	127 81
Trees and shrubs	8 80

1,473 86

Amount carried forward \$5,699 08

Amount brought forward		\$5,699 08
Lincoln Park (8.3 acres):—		
Maintenance of grounds and general care of property, labor and teams	\$889 63	
Re-macadamizing roadway	364 68	
Sidewalk assessment	141 39	
New sanitary, sink, etc.	93 50	
Tools and supplies	129 82	
Repairing tools and property	208 52	
Plants, flowers, bulbs, etc.	56 25	
	<hr/>	1,883 79
Tufts Park (4.5 acres):—		
Maintenance of grounds and general care of property, labor and teams	\$810 32	
Tools and supplies	56 94	
Repairing tools and property	28 01	
Plants, flowers, bulbs, trees, and shrubs	178 30	
	<hr/>	1,073 57
Paul Revere Park:—		
Maintenance of grounds, labor		10 00
Broadway Athletic Field, Tufts College land (4.4 acres leased):—		
Maintenance of grounds and care of prop- erty, labor and teams	\$643 71	
Tools and supplies	13 31	
Repairing property, fence, seats, and building	181 02	
	<hr/>	838 04
Playgrounds, Glen street, corner Oliver street (0.9 acres + 1.5 acres leased):—		
Maintenance of grounds, labor	\$26 16	
Repairing property	17 11	
	<hr/>	43 27
Playgrounds, Poplar street, corner Joy street (0.4 acre):—		
Maintenance of grounds, labor		10 00
Playgrounds, Webster avenue, near Cam- bridge line (0.2 acre):—		
Maintenance of grounds, labor		5 00
Playgrounds, Beacon street, near Washing- ton street (0.2 acre):—		
Maintenance of grounds, labor		11 50
Playgrounds, Winthrop avenue (Fellsway east) (2.5 acres leased):—		
Maintenance of grounds, labor		14 62
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance of grounds, labor	\$29 00	
Repairing property	5 16	
	<hr/>	34 16
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance of grounds, labor	\$60 18	
Re-constructing walks	70 38	
Plants, flowers, bulbs, trees, and shrubs	93 05	
	<hr/>	223 61
Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Maintenance of grounds, labor and teams,	\$292 67	
Amounts carried forward	\$292 67	\$9,846 64

Amounts brought forward	\$292 67	\$9,846 64
Shrubs for slopes	10 80	
Tools and supplies	35 89	
	<hr/>	339 36
New Athletic Field, located between Powder House boulevard and Alewife brook, near West Medford line (3.5 acres):—		
Loaming and seeding	\$389 30	
Maintenance of grounds, labor	122 00	
Tools and supplies	88 69	
	<hr/>	599 99
Cemetery, Somerville avenue (0.7 acre):—		
Maintenance of grounds, labor		52 58
Powder House Boulevard (1 1-3 miles long):—		
Maintenance of roadway, walks, and grass plots, labor and teams	\$476 03	
Trees	24 63	
Improvement of roadway with "Tarvia"	71 03	
New signs	56 50	
	<hr/>	628 19
Incidentals		42 00
		<hr/>
Total expenditure, maintenance (66.1 acres city property + 8.4 acres leased land, 0.7 cemetery and 1.36 miles of boulevard, and 0.54 miles parkway—roads		\$11,508 76
CREDIT.		
Appropriation	\$10,700 00	
Received from High School Athletic Association, repairing seats and fence, 1908,	132 00	
Received from other departments for sod, gravel, and work	626 77	
Charged Boston Elevated Railway Company, partial maintenance Broadway parkway, 1908	50 00	
	<hr/>	
Total credit		\$11,508 77
		<hr/>
Balance unexpended		\$0 01
Value of tools and property used in maintenance of grounds		\$1,500 00
Construction Account.		
Appropriation	\$1,500 00	
From Public Grounds account	5 56	
	<hr/>	\$1,505 56
Cost of grading,—labor, teaming, supplies, etc.		\$1,505 56

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 location 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
Aberdeen road	Cedar st.	Highland ave.	Private.	40	....	411
Aberdeen road ext.	Angle	Westerly	Private.	30	....	67
Adams	Broadway	Medford st.	Public.	40	907	....
Addison pl.	Somerville ave.	Southwesterly	Private.	20	....	150
Adelaide rd.	Somerville ave.	Easterly	Private.	20	....	138
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	Public.	30	667	....
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.	Public.	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.	East Albion st.	Public.	40	554	....
Ash ave.	East Albion st.	Northeasterly	Private.	40	....	151
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.	Public.	20	408	....
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.	Public.	40	1,237	....
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
Belmont ter.	Belmont st.	Easterly	Private.	15	....	137
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.	Fellsway east	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	....

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.
Bond	Broadway	Jaques st.	Public.	40	655	....
Bonner ave. . . .	Washington st. .	Columbus ave. . .	Public.	40	376	....
Boston ave. . . .	Medford line . . .	Mystic river . . .	Public.	60	915	....
Boston ave. . . .	Broadway	Medford line . . .	Public.	50	80	....
Boston ave. . . .	Broadway	Highland road . .	Public.	65	287	....
Boston ave. . . .	Highland road . .	Pritchard ave. . .	Public.	50	509	....
Boston ave. . . .	Pritchard ave. . .	Easterly to angle in st.	Private.	50	....	146
Boston ave. . . .	Angle in st. south'y	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	....	93
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	Albiou 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 . . .	Public.	40	....	1,262
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.	Public.	40	263	....
Calvin	Dimick st.	Washington st. . .	Public.	30	392	....
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 . . .	Public.	40	537	....
Church	Summer st.	Lake st.	Public.	40	964	....

*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.
City road	Broadway	Cedar st.	Private.	45	....	980
Claremon	Holland st. . . .	Mead st.	Public.	40	560	....
Clarendon ave. . . .	Broadway	Cambridge line	Public.	40	1,217	....
Clark	Newton st. . . .	Lincoln parkway	Private.	35	....	545
Cleveland	Central st. . . .	Harvard st.	Public.	40	459	....
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. . . .	Wyatt st.	Public.	40	1,483	....
Concord ave. . . .	Wyatt st.	Beacon st.	Public.	30	472	....
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	....	93
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	....
Dante terrace	Craigie st.	Westerly	Private.	25	....	125
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	....
Dow	PowderHouseBd	Ware st.	Private.	40	....	257
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

*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.
Edmands	Broadway	near Bonair st. . . .	Public.	40	376	....
Edmonton ave. . . .	Cross st.	Fellsway east	Private.	40	....	630
Electric ave. . . .	Curtis st.	Packard ave.	Public.	40	681	....
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.	Westerly	Private.	30	....	190
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	Woodstockst.(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
Exchange pl.	Washington st.	Southerly	Private.	4.5	....	70
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	Woodstockst.(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.	Public.	30	180	....
Franklin ave.	Washington st.	Franklin st.	Public.	20	575	....
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.	3)	....	235
Fremont	Main st.	Meacham st.	Public.	4)	612	....
Fremont	Meacham st.	Near Mystic ave. . . .	Private.	40	....	785
Garden ct.	Somerville ave. . . .	Fitchburg R. R. . . .	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstockst.(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

* Metropolitan Park Commission Boulevard.

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.
Giles pk. . . .	Walnut st. . . .	Northwesterly . . .	Public.	32.71	167	....
Gill's ct. . . .	Franklin st. . . .	Westerly	Private.	10	....	100
Gilman	Cross st. . . .	Walnut st. . . .	Public.	40	1,430	....
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. . . .	Public.	40	411	....
Grant	Broadway	Mystic ave. . . .	Public.	40	1,405	....
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. . . .	Boston st. . . .	Public.	30	616	....
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	....
Harding	South st. . . .	Cambridge line . . .	Private.	30	....	115
Harold	Dimick st. . . .	Marion st. . . .	Private.	40	....	317
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. . . .	Mt. Vernon ave. . . .	Private.	40	....	386
Heath	Mt. Vernon ave. . . .	Moreland st. . . .	Public.	40	364	....
Henderson	Richardson st. . . .	B. & L. 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 p'th, east	Morrison ave. . . .	Arlington Br. R. R. . . .	Private.	10	....	107
Highland p'th, west	Morrison ave. . . .	Arlington Br. R. R. . . .	Private.	10	....	108
*Highland road	Morrison ave. . . .	Boston ave. . . .	Public.	30(70 wide)	1,499	....
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	Richardson st. . . .	Public.	30 and 35	579	....
Hodgdon pl. . . .	Dane ave. . . .	Northeasterly . . .	Private.	about 20	....	150
Holland	Davis sq. . . .	Broadway	Public.	60	2,636	....
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

*Roadway (only) accepted 30 feet wide, full width of street 70 feet.

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.
Houghton	Springfield st. . .	Cambridge line. . .	Public.	40	653	....
Howard	Thorndike st. . . .	Gorham street . . .	Public.	40	431	....
Howe	Marshall st.	School st.	Public.	40	445	....
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	Fellsway west	Temple st.	Public.	40	1,182	....
Jaques	Temple st.	Bond st.	Public.	45	1,005	....
Jasper pl.	Walnut st.	Easterly	Private.	20	....	80
Jasper	Pearl st.	Gilman st.	Public.	40	283	....
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
Jerome	Lawrence rd.	Mystic river	Private.	40	....	742
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	Walnut road	Private.	30	....	338
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.	Willow ave.	Public.	40	1,329	....
Kilby	Somerville ave. . . .	Southwesterly . . .	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	20	....	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' E'y 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	Richardson st	B. & L. R. R. . . .	Private.	35	....	500
Lawrence rd.	Medford line	Mystic river	Private.	40	....	820
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.	Angle	Public.	45 to 40	147	....
Lexington ave.	Angle	Cedar st.	Public.	40	578	....
Liberty ave.	Broadway	Hall ave.	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Public.	40	98	....
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

*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.
Linden circle . . .	Linden ave. . .	Southeasterly . .	Private.	24	....	120
Linden pl.	Linden ave. . .	Northwesterly . .	Private.	20	....	160
Linden	Somerville ave. .	Charlestown st. .	Public.	33	587	....
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. .	Osgood st.	Public.	40	413	....
Louisburg pl. . . .	Autumn st. . . .	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave. . . .	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Public.	40	1,247	....
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	....
Mardell circle . . .	Spring st.	Northwesterly . .	Private.	8	....	140
Marion	Concord ave. . . .	Dimick st.	Public.	40	1,141	....
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st. . . .	Easterly	Private.	12	....	100
McCulpe pl.	Medford st. . . .	Easterly	Private.	10	....	110
McGregor ave. . . .	Wigglesworth st. .	Walnut st.	Private.	13	....	302
Meacham road	Dover st.	Cambridge line . .	Public.	40	1,060	....
Meacham	Mt. Vernon ave. .	Medford line . . .	Private.	40	....	800
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	....
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.	Mystic ave.	Public.	40	1,471	....
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

*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.
Mousal pl.	North Union st.	B. & M. R. R. . . .	Private.	20	....	200
Mt. Pleasant ct. . . .	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	584	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
**Mt. Vernon ave. . . .	Meacham st.	Mystic ave.	Private	50	....	764
Mt. Vernon	Washington st. . . .	Pearl st.	Public.	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	373	....
†Mystic ave.	Union st.	Medford line	Public.	66	6,938	....
Mystic	Washington st. . . .	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Public.	40	336	....
*Mystic river bld. . . .	Medford line	Arlington line	Private.	60	....	2,000
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 park	Newbury st.	Southeasterly	Private.	55	....	63
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.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Peterson ter.	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	....

*Proposed Metropolitan Park Commission Boulevard.

**Proposed.

†State Highway Austin St. to Medford line.

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.
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
Pearson ave. . . .	Morrison ave. . . .	Boston ave.	Public.	45	1,320	....
Pearson road . . .	Broadway	Warner st.	Public.	40	564	....
Pearson road . . .	Warner st.	Dearborn road . . .	Private.	40	....	1,090
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.	Olive ave.	Private.	13+	....	155
Pinckney pl. . . .	Pinckney st.	Southeasterly . . .	Private.	24	....	125
Pinckney	Washington st. . . .	Perkins st.	Public.	40	1,186	....
Piper ave.	Cedar st.	Westerly.	Private.	20	....	461
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	....
Prentiss	Beacon st.	Cambridge Line . . .	Private.	35	....	150
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 ct.	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'l'ds	Madison st.	Southerly 146' . . .	Private.	30	....	146
Roberts	Madison st. s'ly 146	Highland ave. . . .	Private.	10	....	140
Robinson	Lawrence st.	Northwesterly . . .	Private.	20	....	170
Rogers ave.	Central st.	Bartlett st.	Public.	40	582	....
Roland st.	Morrison ave. . . .	Boston ave.	Public.	45	1,682	....
Roseland	Waverly st.	Boston line	Private.	40	....	100
Rosmore	Beacon st.	Cambridge line . . .	Public.	40	121	....
Royce pl.	Somerville ave. . . .	Washington st. . . .	Public.	40	534	....
Rush	Bonair st.	Northeasterly . . .	Private.	15+	....	175
Russell road	Broadway	Flint st.	Public.	40	1,400	....
Russell	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line . . .	Public.	40	700	....

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.
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	....	158
Sanborn ave. . .	Warren ave. . .	Walnut st. . . .	Public.	40	280	....
Sanborn ct. . . .	Washington st.	Northwesterly .	Private.	30	....	178
Sargent ave. . .	Broadway . . .	Walnut st. . . .	Public.	40	1,075	....
Sartwell ave. . .	Cedar st. . . .	Cherry st. . . .	Private.	35	....	400
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
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	....
Sumner	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	....	1,400
* 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	....
Tenney 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	....

*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.
Thurston	Broadway	Richdale ave. . . .	Public.	40	1,660	....
Timmins pl. . . .	Dane st.	Westerly	Private.	3.5	....	97
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
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
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.	Public.	30	662	....
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	....
Walnut road	Walnut st.	Kenneson road	Private.	40	....	270
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	{ about 100 ft. N. } { of Bradley st. }	Public.	40	548	....
Ward	Medford st.	Emery st.	Private.	30	....	450
Ware	Curtis st.	Dow st.	Private.	40	....	680
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 pl.	Washington st.	Southerly	Private.	about 7.5	....	114
Washington	Charlest'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	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. . . .	Middlesex 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. . .	Lincolu parkway . .	Public.	40	496	....
Yorktown	Cambridge line .	{ N. E. line Mal- vern ave. }	Public.	40	294	....
Yorktown	{ N. E. line Malvern ave. }	Northerly	Private.	40	....	100

*Proposed.

†Sidewalk in Somerville.

Court	11 Albion st. . .	Northeasterly . . .	Private.	9	....	170
Court	21 Albion st. . .	Northeasterly . . .	Private.	10	....	100
Court	292 Broadway . .	Southwesterly . . .	Private.	15	....	.96
Court	612 Broadway . .	Southwesterly . . .	Private.	20	....	188
Court	113 Central st. .	Southeasterly . . .	Private.	20	....	150
Court	227 Columbia st.	Northwesterly . . .	Private.	10	....	117
Court	36 Craigie st. . .	Westerly	Private.	25	....	126
Court	58 Dane st. . . .	Easterly	Private.	10	....	70
Court	20 Dimick st. . .	Southwesterly . . .	Private.	39.25	....	136
Court	66 Lowell st. . .	Westerly	Private.	25	....	101
Court	78 Lowell st. . .	Westerly	Private.	25	....	101
Court	Olive ave. . . .	Porter st. . . .	Private.	7.5	....	156
Court	10 Stone ave. . .	Northwesterly . . .	Private.	20	....	113
Total . . . .	. . . . .	. . . . .	. . . . .	. . . . .	391,220	108,837

Public, 74.095 miles (includes 2.843 miles boulevards); private, 20.613 miles.
Total length of streets in the city, 94.708 miles.



MYSTIC STREET BEFORE ACCEPTANCE.



MYSTIC STREET AFTER ACCEPTANCE AND CONSTRUCTION.

REPORT OF THE STREET COMMISSIONER.

OFFICE OF THE STREET COMMISSIONER, }
CITY HALL, SOMERVILLE, January 1, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I most respectfully submit the thirty-third annual report, containing a brief summary of the principal work performed by the highway department during the year 1908.

This department has charge of the construction, alterations, repairs, maintenance, and management of ways, streets, sidewalks and bridges; also the setting out and care of shade trees, the suppression of brown-tail and gypsy moths, and the supervision of street watering.

All the work in the highways, the permanent paving and the laying of granolithic sidewalks, which was previously let to contractors, has been done by the department employees, thus giving the work to Somerville citizens.

There is a great difference of opinion between road builders and citizens as to what is the best paving for our main streets. Residents and owners of automobiles are in favor of any kind of a sheet paving, while owners of horses complain that this kind of paving is very slippery and dangerous to drive upon. It is necessary for the city government to consider all kinds of paving to suit all classes, and at the same time determine which is the most durable and the cheapest for the city.

Permanent Paving.

The only permanent paving laid this year was the granite block paving on a gravel base with pitched joints, on Somerville avenue, from Kent street to Lowell street, at a cost of \$5,586.27. This cost includes the re-setting of edgestones, re-laying bricks and crossings. There were 2,242 square yards of paving laid at an average cost of \$2.49 per square yard.

The appropriation for this work was ample to provide for more permanent paving, but owing to the fact that it was necessary to construct a large number of streets under the Betterment Act during the next two years, the city government deemed it advisable to complete these streets this year rather than accept the two-year limit, thus causing the abutters another season's inconvenience, thereby making it possible to lay a larger amount of permanent paving in 1909.

Mystic Avenue.

For a number of years Mystic avenue has been an expense to the city for repairs which were badly needed. A little over a year ago the Massachusetts Highway Commission assumed con-

trol of this thoroughfare, and constructed it during the past year from a point near Austin street to the Medford line, to which point the state constructed this street during the previous year. This work has completed a good state highway, which is not only a benefit to Somerville, but also to outlying cities and towns. This city should construct this street from the point where the state assumes control to the Boston line.

Holland Street Ledge.

Quarrying has been constantly carried on at the Holland-street ledge during the past year, and a large amount of good stone still remains. The steam drill has been used with success the entire year. When the stone in this ledge is exhausted, it is probable that the crushing plant will be moved to the Clarendon-hill ledge, which the city purchased for the department some years ago, and where there is a large amount of stone that can be utilized for street and sidewalk work.

Stone Crusher.

The crushing plant has worked 278 days during the past year, but was unable to supply the demand for stone. Trap rock was purchased under contract from the Massachusetts Broken Stone Company at \$1.08 per ton, F. O. B., Somerville, to be used for the last layer (nut size and pea stone) for Tarmiated stock.

There were 11,592 tons crushed and 401 tons purchased during the year.

Street Cleaning.

All the streets, both public and private, were cleaned in the spring and fall, and the paved streets were swept as often as considered necessary. The amount expended in this branch of the work amounted to \$16,161.73. The expense of teaming is increasing each year on account of the scarcity of dumping places. I trust that the appropriation for the coming year will be large enough to allow the force of patrolmen with push carts, who do excellent work, to be increased. As we now have the reputation of being one of the cleanest cities in the state, I think it is not asking too much of storekeepers and residents to exercise more care in front of their places of business and residences, and assist us in maintaining this high standard.

Experiments have been tried of flushing smoothly-paved streets with watering carts and by connecting hose to hydrants, the latter having proved the more successful. It is my intention, early in the spring, to do this work at night, thus keeping smoothly-paved streets and squares in a cleanly and healthy condition.

I recommend that a sanitary flushing machine be purchased, which would reduce the expense in this branch of the work.

Bridges.

The bridges in this city are all in good condition. A contract has been awarded for the abolition of the grade crossing on Somerville avenue, on the Fitchburg division of the Boston & Maine Railroad. Although the work was started late in the fall, great progress has been made, and with the opening of good weather in the spring, the work will be pushed with rapidity until completed. This will do away with a very dangerous crossing which is a great inconvenience to the general public and the cause of the loss of many lives. I trust that the good work of the abolition of grade crossings on this division of the Boston & Maine Railroad already commenced will not cease until they are all eliminated.

Shade Trees.

Pursuing the usual custom, all dead and dangerous trees have been removed during the past year and re-placed by live ones, which in years to come will be ornaments to the city. There has been no appropriation made for the care of shade trees, and as the expense is great and has to be met by the Highway Maintenance appropriation, this appropriation should be increased so as to enable the department to perform the work required. Forty-six dead and dangerous trees were removed during the year, and 135 trees have been set out, each supported by a pole and protected by a wire guard. It is my intention, during the coming year, to place wire guards around trees already standing to protect them from injury. Many trees are injured and killed by gas leaks, and also by coming in contact with electric wires, but as the work of placing the wires underground advances, this difficulty will be removed. Trees purchased by the abutters are set out by the city free of cost.

Subways.

The subways at Kent, Sacramento, and Thorndike streets are in good condition. Men are assigned to care for them, and extra help is provided in case of a storm.

As the granite steps leading to these subways have a tendency to become slippery and dangerous in the winter time, boards of the same width as the steps have been placed thereon, securely fastened to protect pedestrians from injury as far as possible.

Street Watering.

Under the law providing for the assessment of taxes for street watering upon abutting estates, only accepted streets can be watered. When abutters on private streets desire these streets watered, they must pay the cost of such watering in advance. The street watering was let out by contract during the past year at \$90 per month per cart, the contractor being required to furnish a competent driver, with a pair of good horses

and harnesses. He is required to see that his route, which comprises about two miles, is properly watered at all times, including Sundays and holidays.

There are forty double and three single watering carts, which are painted and kept in repair by this department. So many new streets were added to the street watering list during the past year that it was necessary to purchase three new carts.

Many complaints were received in former years from tenants in the squares which were being watered by contractors. During the past year the department placed single watering carts, operated by its own employees, in all these places, and no complaints were received.

Abutters on streets watered were assessed five cents per linear foot, which made this branch of the work self-supporting.

Steam Rollers.

The city owns three Buffalo Pitts steam rollers; one fifteen-ton roller, which has worked 190 days; one twelve-ton roller, which has worked 183 days; and one five-ton asphalt roller, which has worked ninety-nine days. These rollers have been in service a number of years, particularly the twelve-ton roller, and are in use a large portion of the time, as shown by the above figures. The demand for re-surfacing old streets and constructing new streets increases each year, and there is a great liability of an accident to either or both of these large rollers, which would not only stop the work on these streets, but would greatly inconvenience the entire department. If the city government of 1909 intends to order the laying of permanent paving on some of the main thoroughfares, I would most respectfully recommend the purchase of a fifteen-ton steam roller. As the demand for this class of work is increasing every year, a new roller could be used to great advantage, and would add to the equipment of the department, which is at present very limited. With a new steam roller and the use of Tarvia, this work can be done so cheaply that it will be a great benefit to the city.

Granolithic Sidewalks.

In former years specifications were sent out, bids called for, and contracts made for the construction of granolithic sidewalks. No bids were called for for this class of work during the past year, but instead, all the granolithic sidewalks were laid by the employees of this department in a much more satisfactory manner than ever before, at an average cost of \$1.57 per square yard.

As the abutters seem to desire this kind of sidewalk, and are perfectly satisfied with the work performed this past year, I would recommend that the city continue to construct this kind of sidewalk with its own labor.

If a concrete mixing machine were purchased, it would re-

duce the cost of granolithic sidewalks, and would also be a valuable addition to the department for the construction of any kind of concrete work. A few granolithic crossings have been laid during the past year, as an experiment. They are pleasant to ride and walk over and easy to keep clean, and, if successful, more will be constructed during the coming year.

Snow and Ice.

During the winter of 1908 there were 570 loads of snow removed, and a large sum of money expended sanding sidewalks and slippery streets on the side hills. The sum of \$3,286.96 was spent in this branch of the work, and as there is no separate appropriation for the care of ice and snow, the amount available for street repairs, from which this expenditure must be paid, is thereby greatly lessened. The teaming is increasing each year on account of the scarcity of dumping places, but in some portions of the city this difficulty has been overcome by dumping the snow into the sewers through manholes, which has proved a success. This not only removes the snow quickly, thereby opening the main streets and squares to travel, but also flushes and purifies the sewers.

It is the duty of this department to remove the snow from all sidewalks in front of public buildings and public grounds, and to prevent them from becoming slippery.

Sections 1 and 2 of Ordinance No. 46, approved February 12, 1904, as quoted below, clearly regulate the removal of snow and ice from 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 offence.

Boxes filled with fine sand have been placed within easy access of the push cart men who care for the smoothly-paved streets, squares, and subways.

Underground Wires.

Permits for opening the streets were issued to the Edison Electric Illuminating Company for burying wires in Broadway, from a point near Partridge avenue, where they ended last year, to a point east of Willow bridge; from the company's station on Willow avenue to Highland avenue, and in Highland avenue, from Willow avenue to and through Davis square, where the

paving brick on a concrete base was removed and replaced by this department, the Edison Company paying the expense; in Holland street, from Davis square to Teele square, and in Broadway, from Teele square to the Arlington line.

Accepted Streets.

There were ten streets accepted during the year, comprising a total length of 6,902 feet. There were twenty streets constructed with macadam and Tarvia, comprising a total length of 11,707 feet, at a total cost of \$22,412.24, or an average approximate cost of eighty-one cents per square yard. In all streets which have been constructed during the past six years edgestones have been set and gutters paved with granite paving blocks before the construction work was begun. There were twelve streets macadamized and re-surfaced, at a cost of \$6,350.16.

There are 74.095 miles of public streets and 20.613 miles of private streets, making a total length of 94.71 miles of streets in the city.

Mystic street and parts of Appleton street and Liberty avenue, which have been closed to travel for years, were opened and constructed during this year.

Sidewalks Maintenance.

Some of the sidewalks that were laid a number of years ago are in a very poor condition, and the abutters have petitioned year after year to have the same repaired. As the appropriations previously made for this kind of work have been insufficient, I trust that the incoming city government will make an appropriation sufficiently large to care for this branch of the work.

Street Railways.

The Boston Elevated Railway Company is still working on its lines of tracks from the Sullivan-square terminal to Stoneham, through Mystic avenue and the Fellsway. When completed, this line will afford a means of transportation through Middlesex Fells for people of all classes who have heretofore been unable to reach this point except by carriages, automobiles, or other private conveyances.

The tracks laid on Mystic avenue will be a source of revenue to the city of Somerville.

Emergency Call.

Somerville is the originator of the "Emergency Call" for employees of the highway department in cases of accidents.

On December 7, 1908, an alarm was sounded from the new box, No. 88, which has been installed at the city stables, to test the efficiency of the department, and it proved a success.

This will not only be a benefit in cases of accidents on the highways but as an assistant to the fire department in case of a serious conflagration in our city, such as Chelsea passed through last spring.

The emergency wagon, which was formerly kept in the cellar, has been transferred to the stable floor, and is equipped with ropes, lanterns, all kinds of tools, and a quick hitch harness, and is always ready in case of an accident.

Tarvia.

Tarvia is a product of coal tar. This product has been used on all the streets constructed and on nearly all the streets re-surfaced. Somerville being situated so near the still where Tarvia is produced, the work has been done at a very small cost; about fifteen cents per square yard on re-surfacing, and about twenty cents per square yard on construction work, including Tarvia, labor, pea stone for covering, and rolling. The tank wagon which transports the hot Tarvia makes two trips per day from the still. The city is charged at the rate of \$.065 per gallon, exclusive of the cost of teaming, and at the rate of \$5 per day from double teams.

The department is building a tank wagon for its own use in repairing streets which have been Tarviated.

One side of Main street, which measures about 10.5 feet between the edgestones and car tracks, and is used for heavy travel, was spiked up with the steam roller, shaped and re-rolled, egg-sized stone spread thereon and rolled, then the nut size stone spread and rolled. Tarvia was then spread hot from the tank wagons until all the voids were filled, then pea stone was spread on the Tarvia before it was cold, and rolled in until the macadam became a solid mass.

The work on this street was tried as an experiment, and as far as observation goes, has proved a success, and will be watched with much interest after having passed through a severe winter.

Tarviated streets have proved very satisfactory to the abutters, and many requests have been received for additional work along this line.

Tarvia "B" was tried on a section of Walnut street to keep down the dust, and proved successful. This street is very steep, and is used a great deal by automobilists in going from the Fens to the Fells, and the work was greatly appreciated by them and the residents.

A salt solution was prepared by the department to try its merits, and was sprinkled on a section of this same street by a watering cart, and the few applications made proved a success. The extremely low cost of this mixture will allow many streets to be treated, and it is my intention to use this preparation more extensively during the coming spring.

Most of those who have charge of streets or street watering in other cities and towns are in favor of a bill being passed by the Legislature giving cities and towns the right to use some kind of dust suppressor, and charge the abutters the cost of the same. By this system, I believe that the cost of street watering would be reduced and better satisfaction given to the abutters and the city. This right has already been given to the city of New Bedford.

Suppression of the Gypsy and Brown-Tail Moths.

After Charles I. Bucknam, who had charge of this work, resigned to assume a similar position in the city of Newton, where the services of an experienced man were required, this department was consolidated with the highway department. Owing to the year drawing to a close, nothing has been done since this consolidation.

The coming year work will be started, and every citizen and tax-payer should co-operate with the department to carry on this work with the same vigilance in the future as in the past, and help Somerville to hold the reputation she has already attained for the extermination of these pests. If these pests get beyond the control of the department, they will not only be a nuisance to the public, but will be detrimental to the trees.

Miscellaneous.

Specifications were sent out to all the local and wholesale concerns and bids asked for, for the furnishing of edgestones, bricks, sand, gravel, cement, paving stock, etc. These bids were opened publicly in the office of the mayor, and the contracts were awarded to the lowest bidder, preference being given to Somerville citizens. The tools and supplies for this department have been purchased from local concerns.

The department maintains its own painter, carpenter, blacksmith, horseshoer, and harness repairer, all employed at the city stables.

If the names of certain streets in different parts of the city were changed, it would be a great convenience to the public.

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.

There were 251 permits issued to the Cambridge Gas Light Company and 101 issued to the Charlestown Gas and Electric Company for the opening of streets for gas connections and repairs. There were issued to contractors and corporations, for building purposes, 149 permits to occupy and 103 permits to open streets, seven to blast rock, and forty-three to cross the sidewalks. There were eleven permits issued to erect canopies, fifteen to feed horses, and four to run steam rollers through the streets; 159 permits were given to licensed drain layers to open streets for sewer connections.

There were 496 defects in the streets and sidewalks reported by the chief of police, which were promptly repaired, thereby saving the city the possibility of law suits.

There were 100 signs and guide posts erected by the department during the year.

There were 7,653.2 square yards of block stone gutters laid, at a cost of \$16,700.32, an average cost of \$2.18 per square yard.

There were 2,244 square yards of sand and gravel used. There were 12,749 loads of dirt and 12,375 loads of scrapings removed from the streets; there were 798 loads of old macadam and 746 loads of ballast used in the repair and construction of streets. There were 6,524 loads of ashes used in the repair and construction of sidewalks and in setting and re-setting edgestones.

There were 8,987.8 square yards of granolithic and brick sidewalks laid, at an average cost of \$1.57 per square yard for granolithic and \$1.07 per square yard for brick. There were 22,887.2 feet, or nearly 4.34 miles, of edgestones set, at a cost of \$35,145.97, or an average cost of ninety-nine cents per linear foot. There were 4,759.3 feet of edgestones, or nearly .9 miles, re-set, and 2,214.6 square yards of brick sidewalks re-laid, at a cost of \$2,992.32. This amount includes patching sidewalks and attending to police reports of defects.

I have attended twenty-five meetings of the committee on highways for consultation regarding work and petitions.

Recommendations.

I would most respectfully recommend that permanent paving be laid on Broadway, on the northerly side, as far as the paving already laid last year, near Arthur street, thus completing this main thoroughfare on both sides to this point, and giving the street a much better appearance.

Highland avenue, Medford street, from Washington street to Somerville avenue, Newton street, and Springfield street are all main streets, and are very narrow between the car tracks and the edgestones, thus making it almost impossible to keep them in good repair with macadam. Some kind of permanent paving should be laid on these streets, and the brick paving already laid in Davis square should be extended on Holland street as far as Winter street. The granite paving on the easterly side of Washington street should be extended to the Boston line, and on Somerville avenue, from Lowell street to and including Oak square. If edgestones were set and the gutters paved on the few remaining streets not already completed, it would give a better appearance to the street, and would care for the surface water, which is a great item in the construction and maintenance of roads. College avenue, one of the main thoroughfares to Tufts College, and Medford street, from Gilman square to Highland avenue, come under this class.

Most of our squares are in good condition. Some kind of permanent paving should be laid in Teele square. Here many people residing on streets in the vicinity take the cars, and there are also many stores at this location.

College avenue, from Powder-house square to Davis square, and Summer street, from Central street to Cutter square, should be macadamized and Tarviated, as there are no car tracks on these streets, which are used largely for pleasure driving.

There are several brick and granolithic sidewalks that should be extended or the intervening spaces completed so as to make one continuous walk between intersecting streets, as these spaces are a source of great inconvenience to pedestrians, especially in the spring and fall.

Middlesex avenue, one of the main thoroughfares through Somerville to Boston for the towns and cities lying north of us, is in a very bad condition, and something should be done during the coming year. If a drain were laid and catch basins constructed at intervals, this would take care of the surface water, and would be the first step toward the improvement of the thoroughfare. No street can be constructed or repaired in a proper manner until it is properly drained. As it is now, the surface water has no outlet, and after a heavy storm the water lies across the entire width of the street.

The Tarviated macadam on Broadway at Willow bridge should be extended easterly to Magoun square and westerly to and including Powder-house square.

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 have been associated, and the general public for their able support and hearty co-operation. I desire, also, to 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.

Receipts and credits:—

Commonwealth of Massachusetts, street railway tax	\$40,400 47	
Boston Elevated Railway tax	9,010 15	
Bills receivable (Health Department)	279 75	
Bills receivable (Boston Elevated Railway Company)	48 40	
Bills receivable (Public Grounds)	438 29	
Private work, the bills for which remained unpaid December 31, 1908	352 90	
Value of materials on hand January 1, 1908,	1,460 64	
Value of tools and property on hand January 1, 1908	26,570 70	
		<hr/>
		\$78,561 30
Less amount transferred to Sidewalks, Maintenance account		2,000 00
		<hr/>
		\$76,561 30
Profit and loss on tools, property, and materials		4,095 14
		<hr/>
		\$80,656 44

DEBIT.

Expenditures:—

For repairs of sundry streets as per table B, at end of this report	\$6,350 16
General repairs of streets	8,879 14
Repairs and maintenance of gravel sidewalks	2,293 38
Repairs of street crossings	143 98
Repairs of stone paving	243 60
Repairs of gutters	308 29
Removing snow and ice and care of slippery sidewalks,	3,286 96
Cleaning streets	16,161 73
Care of subways	218 95
Removing trees	628 36
Trimming trees	210 75
Setting trees	30 60
Blacksmithing	341 50
Carpentering	329 87
Painting	69 00
Street signs	443 05
Street Commissioner's salary	2,000 00
Street Commissioner's team	293 86
Street Commissioner's telephone	18 68
Repairs of tools	473 98
Setting steps, Mystic street	7 00
Setting stone bounds at intersecting streets	57 50
Moving fence, Cleveland street, in front of estate of Abbie E. Taylor	43 46
Sundry expenses	2,461 32
Health Department (bill unpaid December 31, 1908)	95 95
Books, printing, stationery, and postage	81 20
Private work, the bills for which remained unpaid December 31, 1908	8 00
Abatement of accounts for collection	2 02
Value of materials on hand this day	1,111 00
	<hr/>
Amount carried forward	\$46,593 29

Amount brought forward		\$46,593 29
Value of tools and personal property on hand this day:—		
Horses	\$7,640 00	
Carts and implements used with horses	7,862 70	
Harnesses and horse clothing	1,307 15	
Stable utensils and property	549 33	
Tools	2,444 64	
Steam road rollers	6,700 00	
Stone crusher and fittings	1,864 30	
Street signs	81 00	
		<u>23,449 17</u>
Total debit		<u>\$75,042 46</u>
Balance unexpended		<u><u>\$5,613 98</u></u>

Highways Construction Account.

CREDIT.

Appropriation		\$23,000 00
Less amount overdrawn in 1907	\$1,922 51	
Less transfer to Sidewalks Construction	6,500 00	
Less transfer to Highways, Paved Gutters and Crossings	2,101 89	
		<u>\$10,524 40</u>
		<u>\$17,475 60</u>
Advertising and recording deeds in 1907, charged in construction of streets in 1908	\$63 95	
From Highways, Paved Gutters and Cross- ings account (for paving blocks)	717 44	
		<u>786 39</u>
Total credit		<u>\$18,261 99</u>

DEBIT.

Expenditures:—

Construction of streets, as appears by table A, at end of this report	\$22,412 24	
Less assessments	14,126 67	
		<u>\$8,285 57</u>
Partial abatement of assessment, constructing Giles park, assessed in 1907		41 00
Partial abatement of assessment, constructing Wheatland street, assessed in 1906		53 00
Partial abatement of assessment, constructing Appleton street, assessed in 1908		63 49
Medford-street paving, from Central square to Highland avenue (final payment of bill of 1907)		339 66
Cross-street paving, from Medford street to Tufts street (final payment of bill of 1907)		65 94
Highland-avenue paving, northeasterly side, in front of city hall (final payment of bill of 1907)		11 35
Broadway paving, both sides, from permanent pavement, laid in 1906 to Cross street, and southwesterly side, from Fellsway East (final payment of bill of 1907)		725 68
Broadway, from Charlestown line to Arthur street (com- pletion)		854 83
		<u>\$10,445 52</u>
Amount carried forward		\$10,445 52

Amount brought forward	\$10,445 52
Somerville-avenue paving, from westerly line of Kent street to easterly line of Lowell street	5,586 27
Advertising and recording releases for streets not constructed	108 90
Books, printing, and stationery	21 50
Total debit	<u>\$16,162 19</u>
Balance unexpended	<u><u>\$2,099 80</u></u>

Highways, Paved Gutters and Crossings.

CREDIT.

Balance from 1907	\$573 71	
Appropriation	12,000 00	
Transfer from Highways, Construction account	2,101 89	
		<u>\$14,675 60</u>
Value of material on hand January 1, 1908	\$1,379 50	
Net gain on materials	1,070 07	
		<u>2,449 57</u>
Total credit		<u>\$17,125 17</u>

DEBIT.

Expenditures:—		
For paving twenty-three gutters as per table E	\$16,700 32	
Street crossings as per table	353 95	
Account books	11 50	
Value of materials on hand this day	54 40	
		<u>\$17,125 17</u>
Total debit		<u>\$17,125 17</u>

Highways, Watering Streets.

CREDIT.

Receipts:—		
Assessments and contributions from abutters	\$30,662 90	
Insurance on water carts (collected from contractors)	72 00	
Value of carts on hand January 1, 1908	10,610 00	
Net gain on water carts	1,140 00	
		<u>\$42,484 90</u>
Total credit		<u>\$42,484 90</u>

DEBIT.

Expenditures:—		
Inspector of street watering	\$668 75	
Teaming (street watering)	23,783 29	
New water carts (3)	1,140 00	
Repairing water carts	1,210 11	
Painting water carts	685 10	
Building water shed (completed this year)	440 94	
		<u>\$27,928 19</u>
Amount carried forward	\$27,928 19	

Amount brought forward	\$27,923 19	
Board of horse	31 00	
Horseshoeing	16 65	
Insurance on water carts	71 75	
Books, printing, and postage	34 75	
Clerical work (making up assessment list)	97 34	
Water posts	324 60	
Repairing water posts	234 44	
	<hr/>	
	\$28,738 72	
Value of carts on hand this day	11,750 00	
	<hr/>	\$4,488 72
		<hr/>
Balance unexpended		\$1,996 18
		<hr/> <hr/>

Highways, Shade Trees.

	CREDIT.	
Balance from 1907	\$13 19	
Appropriation	500 00	
Sale of tree	1 00	
	<hr/>	
Total credit		\$514 19
	DEBIT.	
Expenditures:—		
For labor, setting trees	\$170 13	
Use of city teams	37 80	
Trees (100)	100 00	
Poles (300)	60 00	
Netting (3,600 feet)	108 00	
Staples (20 pounds)	2 00	
Rubber hose	2 88	
	<hr/>	
Total debit		\$480 81
		<hr/>
Balance unexpended		\$33 38
		<hr/> <hr/>

Suppression of Gypsy and Brown-Tail Moths.

	CREDIT.	
Appropriation		\$4,000 00
Receipts:—		
From sundry persons, removal of moths from trees	\$788 74	
New England Telephone & Telegraph Co., inspecting and treatment of moths	26 65	
	<hr/>	815 39
Total credit		\$4,815 39
	DEBIT.	
Expenditures:—		
For labor	\$4,183 33	
Tools	58 30	
	<hr/>	
Amount carried forward	\$4,241 63	

Amount brought forward	\$4,241 63	
Repairing tools	21 06	
Supplies	269 09	
Books, circulars, stationery, and postage	156 15	
Use of horse and wagon	227 50	
Use of city teams and teaming	83 70	
Clerical work	62 67	
Car tickets	10 00	
	<hr/>	
Total debit		\$5,071 80
		<hr/>
Amount overdrawn		\$256 41
		<hr/> <hr/>

Suppression of Elm Leaf Beetle.

	CREDIT.	
Appropriation		\$1,000 00
	DEBIT.	
For labor	\$763 14	
Use of city teams	33 60	
Arsenate lead	84 50	
Oil	19 26	
Tape and brushes	4 30	
Spray pump	9 00	
Hose	15 50	
Repairing tools	4 15	
Use of horse	65 00	
	<hr/>	
Total debit		\$998 45
		<hr/>
Balance unexpended		1 55
		<hr/> <hr/>

Sidewalks Construction Account.

	CREDIT.	
Appropriation	\$13,000 00	
Transfer from Highways, Construction ac- count	6,500 00	
	<hr/>	
	\$19,500 00	
Less amount overdrawn in 1907	1,036 83	
	<hr/>	
		\$18,463 17
Receipts and credits:—		
J. A. Ells, constructing granolithic steps in Bartlett street in 1907	5 57	
Charles W. Cahalan and others, con- structing gravel sidewalk, Heath street	132 21	
Somerville National Bank, constructing granolithic sidewalk, Bow street	95 60	
Abraham B. Beal, on account, construct- ing granolithic sidewalk, Highland avenue	62 00	
	<hr/>	
		295 38
		<hr/>
Total credit		\$18,758 55

DEBIT.

Expenditures:—

For forty-eight sidewalks constructed as per table C	\$35,145 97	
Less assessments	17,572 97	
	<hr/>	\$17,573 00
Constructing sidewalks as per table D		302 91
Central street, Highland avenue, Holland street, West street, and Washington street, assessments of 1906 assumed by city		344 17
Highland avenue, in front of city hall, assessment of 1907 assumed by city		100 56
Broadway and Cross street, in front of Steamer 2 house, assessment of 1908 assumed by the city		110 28
Books		18 50
		<hr/>
Total debit		\$18,449 42
		<hr/>
Balance unexpended		\$309 13
		<hr/> <hr/>

Sidewalks Maintenance Account.

CREDIT.

Appropriation	\$2,000 00	
Transfer from Highways, Maintenance	2,000 00	
	<hr/>	
Total credit		\$4,000 00

DEBIT.

Expenditures:—

Labor, repairing sidewalks	\$2,237 20	
Bricks used in repairing sidewalks	334 29	
Sand, repairing sidewalks	43 40	
Gravel, repairing sidewalks	2 80	
Crushed stone, repairing sidewalks	16 40	
Cement, repairing sidewalks	10 40	
Edgestones, repairing sidewalks	9 25	
Sods, repairing sidewalks	8 00	
Use of city teams, repairing sidewalks,	315 53	
Repairing concrete sidewalk	15 00	
	<hr/>	
Total debit		\$2,992 32
		<hr/>
Balance unexpended		\$1,007 63
		<hr/> <hr/>

TABLE B.
Streets Repaired.

STREET.	FROM	TO	DESCRIPTION OF WORK.	FREET.	COST.
Albion street	Lowell street	Central street	Macadamized	1,365	\$870 22
Craigie street	Somerville avenue	Summer street	Re-surfaced	1,280	167 72
Cypress street	Central street	Beech street	Macadamized with tarvia	262	489 63
Franklin street	Washington street	Oliver street	Macadamized with tarvia	690	810 10
Liberty avenue	Hall avenue	Fosket street	Re-surfaced with tarvia	110	131 12
Main street	Medford line	Broadway (N'yly side)	Re-surfaced with tarvia	966	542 84
Marion street	Wyatt street	Concord avenue	Macadamized with tarvia	560	823 37
Oliver street	Franklin street	Cross street	Macadamized with tarvia	1,085	1,061 80
Park street	Somerville avenue	Railroad crossing	Resurfaced with tarvia	550	346 51
Porter street	Elm street	Summer street	Re-surfaced	1,190	231 40
Preston road	School street	Summer street	Macadamized with tarvia	839	772 00
Robinson street	Central street	Bartlett street	Resurfaced	582	103 45
				9,479	\$6,350 16
	Length in feet and cost				

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 EDGESTONES.	YARDS OF BRICKS.	YARDS OF GRANOLITHIC.	COST.
Albion street	Northeasterly	Central street	Lowell street	1,334.3	.....	.....	\$ 1,470 99
Appleton street	Both	Liberty avenue	Cliffon street	548.6	.....	.....	551 41
Liberty avenue	Northwesterly	Hall avenue	Appleton street	1,168.8	.....	.....	1,130 41
Ash avenue	and Southeasterly	Fosket street	Appleton street	813.5	.....	.....	743 01
Autumn street	Both	Meacham street	East Albion street	2,421.2	.....	.....	2,352 26
Bay State avenue	Both	Broadway	Bonair street	479.9	.....	.....	537 54
*Beech street	Both	Broadway	Fosket street . . . . .	.....	.....	.....	48 07
Benton road	Both	Somerville avenue	Atherton street . . . . .	.....	.....	30.5	48 07
Benton road	Westerly	in front of estate of	Mary B. Butterworth, } No. 44	.....	.....	27.3	43 03
Bond street	Westerly	in front of estate of	Sarah E. and Charles } E. Cook, No. 42	70.2	.....	.....	67 59
Broadway	Northwesterly	in front of estate of	Chas. W. Cahalan et als	.....	.....	265.4	502 93
Broadway	Southeasterly	Bartlett street	Glenwood road . . . . .	.....	.....	189.3	313 21
Broadway	Southwesterly	Lowden avenue	Ray State avenue . . . . .	.....	.....	91.6	158 99
Broadway	Northeasterly	From and including } estate No. 763	Pearson road . . . . .	.....	.....	126.1	220 55
{ Broadway and Cross } street	Northerly	in front of	Steamer 2 House . . . . .	.....	.....	837.4	1,466 37
Broadway	Easterly	Fellway west	Temple street . . . . .	.....	.....	84.5	105 33
Charles street	Northeasterly	Washington street	Southerly end	913.5	.....	.....	950 08
Cleveland street	Westerly	Central street	Harvard street	711.	.....	.....	855 74
Concord avenue	Both	Beacon street	Wyatt street . . . . .	.....	.....	60.1	70 98
*Dana street	Both	Pearl street	Everett avenue . . . . .	.....	.....	158.8	226 90
Electric avenue	Southeasterly	Curtis street	Westminister street . . . . .	.....	.....	414.	673 01
Glenwood road	Westerly	Broadway	Medford street . . . . .	.....	.....	466.7	617 17
*Glenwood road	Southwesterly	Medford street	Vernon street . . . . .	.....	.....	.....	356 45
Gilman terrace	Westerly	Pearl street	End of terrace	773.5	.....	.....	755 59
Granite street	Both	Somerville avenue	Osgood street . . . . .	.....	.....	.....	.....
			Carried forward	9,234.5	611.3	2,383.	\$14,217 61

* Where not already laid.

TABLE C. — Concluded.

STREET.	SIDE.	FROM	TO	FEET OF EDGESTONES.	YARDS OF BRICKS.	YARDS OF GRANOLITHIC.	COST.
Heath street . . .	Both . . .	Mt. Vernon avenue . . .	Brought forward . . .	9,234.5	611.3	2,382.	\$14,217 61
{ Harrison street and Kent street . . .	Both . . . Easterly . . .	Ivaloo street . . . Harrison street . . .	Moreland street . . . Kent street . . .	705.8 . . . .	. . . . 932.7	. . . . . . . .	633 36 864 52
*Highland avenue . . .	Southwesterly . . .	Spring Hill terrace . . .	Central street . . .	. . . .	885.7	. . . .	926 62
Howard street . . .	{ Both . . . Northwesterly . . .	Thorndike street . . . Beacon street . . .	Gorham street . . . Harrison street . . .	743.9	. . . .	. . . .	697 61
Ivaloo street . . .	Northerly . . .	Harrison street . . .	Park street . . .	630.8	. . . .	. . . .	581 99
Lexington avenue . . .	Both . . .	Hancock street . . .	Cedar street . . .	1,462.	. . . .	. . . .	1,405 03
Linden street . . .	Both . . .	Somerville avenue . . .	Charlestown line . . .	1,190.9	. . . .	. . . .	1,049 08
Loring street . . .	Both . . .	Somerville avenue . . .	Osgood street . . .	782.5	. . . .	. . . .	808 95
Lowden avenue . . .	Both . . .	Broadway . . .	Fosket street . . .	2,441.5	. . . .	. . . .	2,664 55
Moreland street . . .	Both . . .	Meacham street . . .	Mystic avenue . . .	1,637.6	. . . .	. . . .	1,684 06
Morgan street . . .	Both . . .	Beacon street . . .	Park street . . .	. . . .	346.2	. . . .	389 89
*Munroe street . . .	Both . . .	Boston street . . .	Prospect Hill avenue . . .	798.1	. . . .	. . . .	895 97
Mystic street . . .	Both . . .	Benedict street . . .	Mystic avenue . . .	698.8	. . . .	. . . .	797 61
Newbury street . . .	Northwesterly . . .	Holland street . . .	To and including estate No. 73 . . .	. . . .	. . . .	779.7	1,061 93
Park street . . .	Westerly . . .	Beacon street . . .	Railroad crossing . . .	. . . .	444.7	. . . .	460 23
Partridge avenue . . .	Southeasterly . . .	Medford street . . .	Vernon street . . .	. . . .	670.4	. . . .	867 25
Pearson road . . .	Easterly . . .	Broadway . . .	Sidewalk already laid . . .	. . . .	. . . .	31.8	71 79
Pearson road . . .	Both . . .	Warner street . . .	Broadway . . .	1,149	. . . .	. . . .	1,186 12
Rogers avenue . . .	Westerly . . .	Broadway . . .	Near Frederick avenue . . .	. . . .	. . . .	500.6	934 16
Rogers avenue . . .	Easterly . . .	Frederick avenue . . .	Morrison avenue . . .	. . . .	. . . .	433.	855 17
{ South and Medford street . . .	Northerly . . . Westerly . . .	In front of estate of No. 24, 26, 28 Medford st. Medford street . . .	No. 3 South street and Richdale avenue . . .	. . . . . . . .	. . . . 79.7	. . . . . . . .	84 18 443.37
Sycamore street . . .	Easterly . . .	Beacon street . . .	Hanson street . . .	. . . .	. . . .	309.6	1,065 34
Vine street . . .	Both . . .	Pearl street . . .	Otis street . . .	1,112.1	. . . .	. . . .	345 56
Wesley street . . .	Southerly . . .	Central street . . .	To and including estate 11 . . .	. . . .	349.	. . . .	154 02
Willoughby street . . .	Southwesterly . . .	Central street . . .	Total . . .	22,587.5	4,446.7	4,437.7	\$35,145 97

* Where not already laid.

TABLE D.
Sidewalks Constructed Where the Whole Expense Was to be Paid for by
the Abutters.

For	Street.	Feet of Edgestones.	Yards of Granolithic.	Cost.
Abraham B. Beal	Highland avenue	145.6	37.6	\$75 10
Charles W. Cahalan et als.	Heath street		60.8	132 21
Somerville National Bank	Bow street			95 60
	Total	145.6	98.4	\$302 91

TABLE E.
Gutters Paved in Connection with Setting Edgestones.

STREET.	Side.	From	To	Square Yards.	Cost.
Albion street	Northeasterly	Central street	Lowell street	444.8	\$984 12
{ Appleton street and	Both	Liberty avenue	Clifton street	182.9	392 49
{ Liberty avenue	Northwesterly	Hall avenue	Appleton street		
Ash avenue	Southwesterly	Fosket street	Appleton street	389.6	709 88
Autumn street	Both	Meacham street	East Albion street		
Bay State avenue	Both	Broadway	Bonair street	180.8	527 60
Beech street	Both	Broadway	Fosket street	807.1	1,895 29
{ Bond street and	Both	Somerville avenue	Atherton street	159.9	641 31
{ Heath street	In front of estate of	Charles W. Cahalan		71.9	154 83
Cleveland street	Both	Central street	Harvard street	304.5	592 61
Concord avenue	Both	Beacon street	Wyatt street	237.	620 23
Granite street	Both	Somerville avenue	Osgood street	257.8	565 15
Heath street	Both	Mt. Vernon avenue	Moreland street	235.2	423 28
Howard street	Both	Thorndike street	Gorham street	248.	700 57
{ Ivaloo street	Northwesterly	Beacon street	Harrison street and	210.2	432 59
{ Loring street	Northerly	Harrison street	Park street		
Lexington avenue	Both	Somerville avenue	Osgood street	260.8	569 97
Linden street	Both	Hancock street	Cedar street	487.3	929 32
Lowden avenue	Both	Somerville avenue	Charlestown line	396.9	655 26
Moreland street	Both	Broadway	Fosket street	813.8	1,721 41
*Munroe street	Both	Meacham street	Mystic avenue	545.9	1,095 41
Mystic street	Both	Boston street	Prospect Hill avenue	310.4	692 54
Pearson road	Both	Benedict street	Mystic avenue	271.8	788 73
Russell street	Easterly	Warner street	Broadway	383.	694 43
Vine street	Both	Cambridge line	Orchard street	82.9	162 23
		Beacon street	Hanson street	370.7	751 07
			Total	7,653.2	\$16,700.32

* Where not already laid.

TABLE F.
Driveways Constructed at Expense of Abutters.

FOR	LOCATION.
American Tube Works . . . . .	. . . . . Church street
Amelia I. Buffum . . . . .	. . . . . 129 Perkins street
Bernard Charles . . . . .	. . . . . 37 Trull street
Thomas A. Crowell . . . . .	. . . . . 29 Hudson street
Winslow W. Coffin . . . . .	. . . . . 64 Bonair street
Carrie P. Moses . . . . .	. . . . . Benton Road
James P. O'Neil . . . . .	. . . . . 62 Webster avenue
Sewers Maintenance . . . . .	. . . . . Park street
George A. Titcomb, Executor . . . . .	. . . . . Benton road

TABLE G.
Driveway Discontinued at Expense of Abutter.

FOR	LOCATION.
John Kenny	78 Boston street

TABLE H.
Driveways Re-located at Expense of Abutters.

FOR	LOCATION.
Raphael Caterino . . . . .	. . . . . 64 Union Square
Reuben Willis . . . . .	. . . . . 285 Broadway

TABLE I.
Streets Accepted by the Board of Aldermen of 1908.

STREET.	WARD.	FROM	TO	WIDTH IN FEET.	LENGTH IN FEET.	ACCEPTED.
Bromfield road .	7	Warner street	Dearborn road	40	1,262	July 23, 1908
Chestnut street .	1	Poplar street	Southesterly end	40	537	December 24, 1908
Dimick street .	2	Concord avenue	Calvin street	40	957	January 1, 1909
Francis street .	6	Porter street	Conwell avenue	30	180	December 24, 1908
Grant street .	4	Jaques street	Mystic avenue	40	829	July 24, 1908
Hamlet street .	3	Present terminus	Boston street	30	165	December 24, 1908
Kidder avenue .	7	Willow avenue	Liberty avenue	40	664	December 24, 1908
Linden street .	2	Somerville ave.	Charlestown st.	33	587	June 12, 1908
Marion street .	2	Wyatt street	Dimick street	40	401	December 11, 1908
Pearson avenue .	6	Morrison ave.	Boston avenue	45	1,320	May 15, 1908
		Length in feet			6,902	

TABLE J.**Street Crossings Laid.****GRANOLITHIC.**

Fairmount avenue, across same, at intersection with Curtis street.
 Gorham street, westerly side, between store and factory building of
 Martin W. Carr & Co.
 Holland street, across same to railroad track from westerly side of
 Wallace street.
 Summer street, across same, from northwesterly side of Hancock street.
 Summer street, across same, from northeasterly side of Lowell street.

VITRIFIED BRICKS.

Broadway, across same, midway between Adams street and Bartlett
 street.
 Cleveland street, across same, from westerly side of Central street.

Length of Accepted Streets in Each Ward.

	Miles.
Ward 1	9.456
" 2	8.354
" 3	7.479
" 4	9.390
" 5	11.182
" 6	12.447
" 7	15.737
Total length of accepted streets in the city	<hr/> 74.095

Respectfully submitted,

ASA B. PRICHARD,

Street Commissioner.

REPORT OF COMMISSIONER OF PUBLIC BUILDINGS.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS, }
City Hall, Somerville, January 1, 1909. }

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 as the report of the department of public buildings and the department of inspection of buildings for the year 1908. In submitting this report I desire to express my appreciation of the valuable counsel and assistance received from his honor, the mayor, and from the members of the honorable, the board of aldermen.

Somerville Beach.

On August 1, 1908, the Somerville bathing beach was opened to the public of Somerville. The beach is located on the shore of the Mystic river about 1,000 feet west of the Wellington bridge. This location has been a favorite spot for many years for bathers on account of the natural, gravelly beach which is located there. The bathers were formerly obliged to disrobe on the shore of the river, in the open, at not only an inconvenience to themselves, but to the discomfort of many people who were seeking the pleasure and benefit of boating on the river. The equipment provided for the public at the beach now includes comfortable quarters for the care of the clothes while the owners are in the water. The building erected contains accommodations for sixty men and boys and sixty women and girls, and a room for the storage and distribution of the suits. The building is equipped with two shower baths, first aid cabinet, and miscellaneous equipments for the convenience of bathers.

The suit department is equipped with a sufficient number of suits, for which a small fee is charged if used by the patrons who care to avail themselves of the privileges. Bathers may use their own suits if they desire and have the use of the rooms at a small fee. Mr. Edwin P. Fitzgerald was in charge of the beach as life-guard and custodian, and under his direction the management was very satisfactory. A great many bathers were, under his direction, quickly taught to swim, and all of the bathers were carefully watched by him at all times. The best evidence of the careful management is the fact that, although there were many hundreds of bathers, no serious accident occurred during the season. The continual increase in the number of bathers during the season would indicate that during the present year it will be necessary to increase the bathhouse in size in order to accommodate those who will desire to use the beach. The follow-

ing is a list of the rules adopted for the guidance of the patrons:—

Mystic River Bathhouse.

RULES FOR BATHERS:

No responsibility is assumed for articles lost from the dressing rooms.

Upon leaving the bathhouse after bathing, return the key to the office. This rule must be strictly observed. A charge of twenty-five cents will be made for a lost key.

Leave bathing suit and towel in the baskets to be found in the aisles.

Report immediately to the person in charge any annoyance in the water.

The bringing of intoxicating liquors is prohibited.

Only persons properly costumed will be permitted to bathe.

Smoking is positively forbidden in the bathhouse.

Commit no nuisance in the dressing rooms. Toilet rooms are provided.

The bathhouse must not be defaced in any way.

Bathing suits must be removed while using the shower bath.

A violation of these rules shall be cause for exclusion from the use of the bathhouse.

Per order,

WALTER T. LITTLEFIELD,

Commissioner of Public Buildings.

Approved:

CHARLES A. GRIMMONS, Mayor.

Note—The duration of a bath for a strong, robust person should not exceed twenty minutes.

Health Stable.

On June 12, 1908, an order was passed by the board of aldermen appropriating the sum of \$10,500.00 for reconstruction of the health stable in accordance with plans and specifications prepared by the commissioner of public buildings. Estimates were received on June 2, 1908, as follows:—

F. C. Alexander	\$12,992 00
John Welsh	10,667 00
Orne & Lawrence	10,374 00
G. W. Davis & Son	9,984 00
J. M. Andrews & Son	9,891 00
A. H. Hines	9,900 00
P. J. Foley Company	9,900 00
Walsh Brothers	9,600 00

The contract for construction was awarded to Walsh Brothers, of Oak street, Somerville, they being the lowest bidders. The work of construction was commenced immediately after the signing of the contract, and continued without interruption until the building was completed.

The old stable was partially razed and the new additions constructed so as to accommodate thirty-nine stalls on the first floor, ample storage for hay and grain on the second floor, and a commodious basement. That portion of the old building not razed was so renovated as to contain a lobby for employees, a blanket drying room, wash stand, and office. Every modern

convenience for sanitation and cleanliness was installed and the improvements made provided a comfortable home for the dumb beasts to whom the city owes a great deal for faithful work performed, as well as providing better facilities for their care by the health department.

Care and Repair.

The care of the various buildings of the city has proceeded as formerly under a system of inspections by this department and requisitions from the various custodians. A great deal of work was performed during 1908 along the lines of renovating the older buildings, and must continue on similar lines until they are all thoroughly repaired and refreshed. So many things causing items of expense are continually arising that it is impossible to carry out all the needs in one year, but the most important ones can be taken care of as they arise. The public buildings which are placed in accordance with the charter requirements under this department, and the jurisdiction of the commissioner of public buildings, are as follows:—

Building.	Valuation.	Year Built.	Location.
Baxter school.....	\$32,955 64	1901	Bolton street
Bell school.....	45,400 00	1874	Vinal avenue
Bennett school.....	50,448 32	1902	Maple street
Bingham school.....	68,885 04	1886	Lowell street
Brown school.....	59,690 16	1901	Willow street
Burns school.....	34,760 00	1886	Cherry street
Carr school.....	53,800 00	1898	Atherton street
Cummings school.....	11,921 00	1884	School street
Davis school.....	22,720 00	1884	Tufts street
Durell school.....	19,720 00	1894	Beacon street
Edgerly school.....	44,230 00	1871	Cross street
Forster school.....	85,290 00	1866	Sycamore street
Glines school.....	80,540 00	1891	Jaques street
Hanscom school.....	69,580 00	1897	Webster street
Latin High school.....	78,537 00	1871	Highland avenue
English High school...	137,900 00	1895	Highland avenue
Highland school.....	60,560 00	1880	Highland avenue
Hodgkins school.....	71,700 00	1896	Holland street
Knapp school.....	50,540 00	1889	Concord square
Lincoln school.....	18,220 00	1885.	Holland street
Morse school.....	48,199 00	1869	Summer street
Perry school.....	37,080 00	1899	Washington street
Pope school.....	80,160 00	1891	Washington street
Prescott school.....	66,260 00	1867	Pearl street
Proctor school.....	42,820 16	1905	Hudson street
Lowe school.....	51,826 16	1903	Morrison avenue
Public library.....	42,000 00	1884	Highland avenue
Police building.....	57,000 00	1874	Bow street
City hall.....	47,432 32	1851	Highland avenue
City hall annex.....	20,655 02	1893	Highland avenue
Contagious hospital....	22,793 76	1906	Broadway
City home.....	37,901 73	1871	Broadway
City stables.....	84,000 00	1894	Broadway
Health shed.....	1,189 79	1905	Broadway
Water dept. stable.....	32,000 00	1889	Cedar street
Central fire station.....	37,200 00	1893	Medford street

Engine 2 building.....	\$33,600 00	1894	Broadway
Hose 2 building.....	10,800 00	1871	Marshall street
Ladder 1 building.....	56,143 18	1904	Union square
Ladder 2 building.....	15,300 00	1894	Highland avenue
Hose 5 building.....	16,900 00	1888	Somerville avenue
Hose 6 building.....	18,200 00	1898	Holland street
Engine 4 building.....	15,900 00	1874	Highland avenue
Incinerating plant.....	3,000 00	1907	Cedar street
Bathhouse	3,363 21	1908	Mystic river
<hr/>			
Total	\$1,988,226 49		

Heating and Ventilating.

There has been no new system installed during the year 1908 in any of the buildings, but it has been necessary to make many changes and repairs. With the exception of the heating plants in the Highland, Morse, Cummings, and Davis schools, the various plants are working very satisfactorily. The above-mentioned buildings are equipped with furnace systems and are not satisfactory. It is imperative that the Highland school furnaces be removed during the coming year and a modern steam system be installed. The Cummings and Davis schools should be considered the coming year as to the ventilation, and something done to improve the same even if the furnaces cannot be removed. The Morse school may remain as it is at present possibly a year or two more.

The following table will describe the systems in use and the existing conditions:—

School.	No. of Rooms.	System.	Working Condition.
Baxter	6	gravity—automatic control	good
Bell	12	fan— automatic control	good
Bennett	12	gravity—hand control	good
Bingham	16	gravity—hand control	good
Brown	6	gravity—hand control	good
Burns	8	gravity—hand control	good
Carr	16	gravity—hand control	good
Cummings	4	furnace	not satisfactory
Davis	4	furnace	not satisfactory
Durell	4	gravity—hand control	good
Edgerly	12	gravity—hand control	good
Forster	12	gravity—hand control	good
Forster Annex	6	gravity—hand control	good
Glines	14	gravity—hand control	good
Hanscom	6	fan— hand control	good
High	47	fan— { part hand control part automatic control	good
Highland	12	furnace	not satisfactory
Hodgkins	12	gravity—hand control	good
Knapp	12	gravity—automatic control	good
Lincoln	4	gravity—hand control	good
Morse	12	furnace—hand control	fair
Perry	8	gravity—hand control	good
Pope	12	gravity—hand control	good
Prescott	12	fan—automatic control	good
Proctor	8	gravity—hand control	good
Lowe	8	gravity—hand control	good

Sanitary Conditions.

SANITARY PROBLEMS IN SCHOOL BUILDINGS.

The problem of making the schoolrooms in this city as nearly perfect, as regards sanitary conditions, as possible, is being made a special study of by this department, and I desire to try to impress the importance of this matter at this time. The greatest problem with which the caretaker of a schoolroom is obliged to contend is the dust evil. It is of the utmost importance that means should be taken to overcome, if possible, this menace to the health of the children and teachers who are obliged to breathe the air in these rooms for five hours daily. Many schemes for the solution of this difficulty have been devised by school authorities and custodians of school property. At the present time a sweeping compound is being used which seems to be very satisfactory. It is the intention of this department to try one of the various air-cleaning machines in the schools equipped with electricity. This method seems to have many advantages over the old system of the use of brushes, and may prove a complete solution of this problem. All of our schoolhouses are equipped with foul air out-takes, but this does not solve the dust problem. In fact, the constant movement of air currents toward the outlet tends to continually keep the dust in the air, which is breathed by the pupils. It is important, therefore, that some means independent of the ventilation system should be used to overcome the menace, which is one of the most perplexing problems with which the custodian of a school-building comes in contact.

Toilets.

A careful watch has been kept of the toilet conditions in the schoolhouses, and every effort made to remedy any unsatisfactory conditions which have been found to exist. The toilet facilities in the Davis and Cummings schools should be entirely removed and a new system installed during the coming year. The present facilities are not in a satisfactory condition and cannot be made so except as recommended above. Additional toilet accommodations should be provided at once in the high school buildings. The accommodations there are entirely inadequate for the large number of pupils in attendance at those buildings.

The following table will describe the systems in use and the existing conditions :—

School.	System.	Ventilation.	General Working Condition.
Baxter	Hydraulic closet system.	Local vented.	Good.
Bell	" " "	" "	" "
Bennett	" " "	" "	" "
Bingham	" " "	" "	" "
Brown	" " "	" "	" "
Burns	" " "	" "	" "
Carr	" " "	" "	" "
Cummings	" " "	" "	Not satisfactory
Davis	" " "	" "	Not satisfactory
Durell	Latrine closet	" "	Good
Edgerly	" "	" "	" "
Forster	" "	" "	" "
Forster Annex....	" "	" "	" "
Glines	" "	" "	" "
Hanscom	" "	" "	" "
Latin High.....	" "	" "	Inadequate
English High.....	" "	" "	" "
Highland	" "	" "	Good
Hodgkins	" "	" "	" "
Knapp	" "	" "	" "
Lincoln	" "	" "	" "
Morse	" "	" "	" "
Perry	" "	" "	" "
Pope	" "	" "	" "
Prescott	" "	" "	" "
Proctor	" "	" "	" "
Lowe	" "	" "	" "

Inspection of Buildings.

There have been issued during the year 258 permits for new buildings and alterations. This number is thirty-three less than in 1907. The total estimated cost of the new buildings and alterations was \$954,145.00, while the cost in 1907 was \$939,795.00, showing an increase of \$14,350.00. During the year there have been made 1,621 inspections of private buildings in the course of construction. The following table will show the number of permits in each ward and the uses for which they were intended:—

Buildings.	WARDS.							Total.
	1	2	3	4	5	6	7	
Dwellings	9	16	4	19	31	31	71	181
Stores	3	2			1	3	1	10
Stables		3			1	1	1	6
Miscellaneous	14	12	6	4	5	7	6	54
Brick buildings	1	5					1	7
Total	27	38	10	23	38	42	80	258

The number of plumbing permits issued during the year was	386
Permits for plumbing in new buildings	171
Permits for plumbing in old buildings	215
Number of buildings in which soil pipes were tested	293
Number of master plumbers' licenses, 51 at \$.50	\$25.50
Number of journeyman plumbers' licenses, 25 at \$.50	12.50
Number of new master plumbers' licenses, 5 at \$2.00	10.00
Number of new journeyman plumbers' licenses, 1 at \$.50 . . . . .	.50
Total	<u>\$48.50</u>

Respectfully submitted,

WALTER T. LITTLEFIELD,
Commissioner of Public Buildings.

**REPORT OF THE COMMISSIONER OF ELECTRIC LINES
AND LIGHTS.**

No report of the commissioner of electric lines and lights has been presented for the year ending December 31, 1908.

FREDERIC W. COOK,
City Clerk.

SOMERVILLE WATER WORKS.

SOMERVILLE, MIDDLESEX CO., MASSACHUSETTS.

Area of city, including land and water, about 4.22 square miles.

Population, estimated, 74,000.

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. CHARLES A. GRIMMONS.

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, 1909.

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith my report for the year ending December 31, 1908, this being the thirty-fifth annual report made by the water department:—

Receipts and Expenditures.

Water bills have been issued as follows:—

“Annual” water charges, amounting to		\$119,771 10
“Additional” water charges, amounting to		3,517 86
“Metered” water charges, amounting to		104,266 74
		\$227,555 70
Abatements made on the above charges	\$4,105 99	
Refunds made on the above charges	242 04	
Abatements made on charges of 1907	10 00	
	4,358 03	
Income from sale of water		\$223,197 67
Amount received from water service assessments		3,122 77
Amount received for labor and materials		3,932 38
Balance from water income account of 1907		1 90
		\$230,254 72

This amount was used as follows:—

For water works purposes:—

Water works maintenance		\$30,537 05
Water works extension		16,573 59
Miscellaneous accounts		3,932 38
Interest on water loan bonds		2,720 00
Maturing water loan bonds		7,000 00
Metropolitan water works assessment		108,691 08
		\$169,454 10

For other municipal purposes:—

Sewers, maintenance		\$12,000 00
Fire department		33,000 00
Reduction of funded debt		10,800 62
		60,800 62
		\$230,254 72

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 is estimated at \$12,000; it is paid for out of the income from sale of water.

Department Receipts and Disbursements.**WATER MAINTENANCE ACCOUNT,**

	DR.	CR.
Amount appropriated by board of aldermen from water income		\$30,000 00
Sundry receipts for labor and materials		3,607 78
Amount transferred from Water Works Extension account		1,549 18
Materials used in extension of the water works		12,932 68
Amount expended for labor and materials for operation, maintenance, and renewal of the water works	\$30,537 05	
Amount expended for materials used in extension of the water works	12,932 68	
Miscellaneous accounts	3,607 78	
Unexpended balance	1,012 13	
	\$48,089 64	\$48,089 64

WATER WORKS EXTENSION ACCOUNT,

	DR.	CR.
Amount appropriated by board of aldermen from water income		\$15,000 00
Receipts from 163 water service assessments		3,122 77
Receipts for 5 waterpost services		324 60
Labor and materials used in extension of the water works	\$16,893 19	
Amount transferred to Water Maintenance account	1,549 18	
	\$18,447 37	\$18,447 37

Cost of Water Works.

The total cost of the water works on December 31, 1907, as represented by the expenditures from appropriations for water works extension was	\$891,737 99
Expended during the year 1908, on extension account	16,898 19
Total expenditures, December 31, 1908	\$908,636 18

Water Debt.

Water loan bonds have been issued on funded debt account to the amount of \$1,017,000; this has been reduced by \$955,000, leaving the water debt on December 31, 1908, \$62,000.

The outstanding bonds mature as follows:—

YEAR.	AMOUNT.	YEAR.	AMOUNT.
1909	\$6,000	1915	\$5,000
1910	6,000	1916	5,000
1911	6,000	1917	5,000
1912	6,000	1918	5,000
1913	6,000	1919	4,000
1914	6,000	1920	2,000

Water Works Income from 1898 and its Distribution.

The water income and its distribution from 1898 to 1908, inclusive, is shown in the following table:—

Total water income, years 1898 to 1908, inclusive . . . \$2,410,734 79
Distribution:—

Water Works Account.

Water Works Construction, Renewal, Maintenance and Operation	\$600,004 34	
Water Bonds	212,000 00	
Interest	72,135 00	
Metropolitan Water Assessments	749,901 52	
	<hr/>	\$1,634,040 86

Other Municipal Accounts.

Sewers	{	Construction	\$117,035 65		
		Maintenance	110,450 00		
		Bonds	72,000 00		
		Interest	58,792 00		
		Assessments	31,000 00		
			<hr/>	\$389,277 65	
Fire Department, Maintenance				241,026 33	
Health Department, Maintenance				7,500 00	
Suppression of Moths				1,000 00	
Reduction of Funded Debt				136,100 87	
Unappropriated Balances				1,789 08	
				<hr/>	\$2,410,734 79

Extension of Water Distribution System.**STREET MAINS.**

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 water-posts constructed.

The total number of feet of new mains laid, including hydrant, blow-off and waterpost branches, was 4,179, making the water pipe mileage of the city approximately 92.92 miles.

On account of the taking over of Mystic avenue by the state and its construction as a state highway, water mains were laid in such portions of the street as were necessary to make the pipe line continuous from the city of Medford line to Fellsway west; the main was also extended in this street from Garfield avenue to New Cross street for a new house service.

Mains were laid in Grant street and in Marion street to accommodate new buildings, and were extended to connections with other pipes for the removal of dead ends. In Appleton street, Liberty avenue, and Cleveland street mains were laid in conjunction with work being done by the highway department, in anticipation of new services and to connect dead ends. Mains were extended in Pearson road and in Powder-house boulevard for the accommodation of new houses, and in Taylor street to

supply a fire hydrant for the better protection of that neighborhood.

Trench work, excavating, and refilling for water pipes was done by contract labor in the following streets and at prices named:—

Street.	Feet of Trench.	Cu. Yards Rock	Contractor.	TRENCH WORK.		Total Cost of Trench Work.	Average Cost per foot of Trench Work.
				Earth. Lin. Ft.	Rock. Cu. Yd.		
Mystic ave: (Temple st. to Wheatland st.)	719.5	....	B. Burke . . .	\$.27	....	\$194.27	\$.27
Mystic ave:(Garfield ave. to New Cross st.)	234.5	....	C. A. Kelley .	.53	....	128.04	.546
Powder-house boulevard	640	79	T. F. Crimmings	.38	\$3.00	480.20	.75

The pipes and all materials required were furnished, and the pipe-laying done in each street by the water department.

Hydrants, Gates, etc.

Seventeen hydrants were set during the year on the following streets: Bromfield road, 2; Central street, 1; Grant street, 1; Kent street, 1; Marion street, 1; Mystic avenue, 3; Pearson road, 1; Powder-house boulevard, 2; Taylor street, 1; Teele avenue, 2; Vernon street, 1; Waverley street, 1. One hydrant standing on what was formerly Frost avenue, now the yard of the American Tube Works, has been sold to that company for their private use and has been discontinued as a city hydrant; four hydrants in the grounds of Tufts College, formerly supplied by city of Somerville water, are now supplied by the city of Medford. The net increase in public hydrants, then, is sixteen, and decrease in number of private hydrants three, making the total number located on city streets 1,038, and the number in factory and railroad yards, connected with the city water supply, forty-seven. The number of gates set on street mains, service mains, waterpost branches, etc., during the year was eighteen, and the total number now in use throughout the city is 1,422. Five new waterposts were set for the use of the street watering department on the following streets: Beacon street, Cleveland street, Frederick avenue, Moreland street, and Prospect street, making the number now in use eighty-three. A blow-off branch was constructed connecting with the main in Bromfield road; also one in Mystic avenue, making 138 now connected with the distribution system. On account of the frail construction of the old horse trough in Gilman square, its base having been badly damaged by the poles of heavy teams, it has been removed, and none other, as yet, set in its place, the number now in use in the city, including the drinking fountains, being nine.

Water Services.

One hundred and sixty-nine new service pipes were laid during the year, requiring 6,395 feet of pipe. The total length of service pipe in the city is approximately 76.5 miles, and the number of house connections 11,817. Fourteen services have been discontinued, on account of the grade crossing changes on Somerville avenue.

Water Meters.

Nine hundred and two new meters have been installed during the year; thirty-four removed for various causes in previous years were reset; fifty-seven were removed for either permanent or temporary discontinuance of use of water, making the net increase in number of meters in service 879, and the total number in use 4,325. One motor register was discontinued. The kinds and sizes of meters now in use are shown in the following table:—

METERS DECEMBER 31, 1908.

KIND	SIZE								Total.
	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	
Nash . . .	172								172
Empire . . .	1								1
Crown . . .	5	3	3	2	2	2	1	1	19
Gem . . .							1		1
Hersey . . .			4	1	2	2			9
Hersey Disc	223	20	3	1	3				250
Torrent . . .								1	1
Trident . . .	219	44	20	6	5		1		295
Crest . . .					2	3	1		6
Union . . .	15	12	7	1	6		1		42
Union Special		16	2	2					20
Columbia . .	145								145
King . . .	439								439
Lambert . . .	1,825	112	18						1,955
Worthington Disc . . .	970								970
Totals . .	4,014	207	57	13	20	7	5	2	4,325
Motor and ele- vator registers									8
									4,333

The meters installed in 1908 were classed as follows:—

Applications of property owners	611
New services	147
General installation	144
Reset	34
Total	936

Meters were removed for the following causes:—

Vacancies and temporary non-use of water	28
Services permanently discontinued	3
Services at Tufts College, now supplied by city of Medford	11
Replaced by other meters	15
	57
Organ motor at Tufts College, now supplied by city of Medford	1

The following table gives a summary of the pipes and fixtures of the water system December 31, 1908:—

Summary of Pipes and Fixtures.

Feet of main pipe (approximately)	490,631
Feet of service pipe (approximately)	403,950
Service connections (approximately)	11,817
Public fire hydrants	1,033
Private fire hydrants	47
Gates	1,422
Check valves	7
Meters	4,325
Motor registers	8
Waterposts	83
Blow-offs	138
Drinking fountains and troughs	9

Inventory.

An inventory of stock on hand, tools and machinery, teams and stable equipment, pumping apparatus and furniture, shows their valuation \$27,171.80; the land and buildings of the department are valued at \$32,100, and the general distribution system of the water works has an estimated valuation of \$900,000.

Maintenance.

The physical condition of the works has been kept up to its usual high standard. The fire hydrants have been carefully inspected, special attention being given them during the winter season, repairs made as needed, and defective ones replaced. Street valves have been oiled and gate boxes raised and lowered to grade. Horse troughs have received their customary attention and have been kept in clean condition. The drinking fountain in Davis square has been equipped with a new ice-tank, constructed on scientific principles, and ice-water has been furnished there during the warm season. The fire supply to the American Tube Works, on Church street, has been relocated and enlarged at their expense; the old pipe line in what was formerly Frost avenue has been abandoned and its connection with the Somerville avenue main has been offset so as to connect with a new main laid by the Tube Works through their yard. The gate on the old Sherman street connection has been set back to make place for the installation on this branch of a fire

hydrant at a later date. One hundred thirty-four leaks on service pipes have been repaired and eighty-three pipes have been replaced in whole or part. Service gates have been brought to grade in all streets where sidewalk construction or alterations were being made by the highway department. Fourteen joint leaks and breaks in the street mains were repaired during the year. On November 14 the twenty-inch main in Washington street, near Boston street, again broke and caused a large damage to the street, but fortunately none to neighboring property. On the 17th of November the sixteen-inch main in Mansfield street again blew out and caused considerable damage to that street. These pipes have been laid sixteen years, and have given much trouble from time to time by their breaking without any apparent cause or reason. Considerable study has been given to the changes in the water main system, made necessary by the grade crossing elimination in Somerville avenue, and plans of proposed new pipe lines have been submitted.

The installation of water meters has brought largely increased work upon both the accounting and maintenance departments of our work. Thirteen meters have been taken out, tested for accuracy, and re-set, on request of rate-payers; of these, twelve were found to be registering correctly, and one was over-registering. Meters are tested at the department shop on request of any rate-payer who deems his water bill excessive, upon his payment to the city of \$1 to cover the cost; if the meter is found to be inaccurate beyond the allowance of three per cent., the testing charge is refunded. There are many causes for a meter to get out of order and under-register, but it is rarely the case that anything happens that makes them register against the consumer. One hundred and sixty-four meters were found "stuck" in service, and were removed for repairs, the following reasons appearing for their condition: Broken disks, fifty-nine; freezing, twenty-six; dirt, sediment, and other obstructions in the meter, twenty-five; hot water, two; worn-out gear trains, eight; defective registers, thirty-four; miscellaneous defects in gears, spindles, screws, etc., inside the meters, ten.

A stock room has been fitted up at the shop building for small repair parts of meters, and a large room for service fittings and other supplies has been constructed for the better and more systematic handling of department stock and tools.

A part of the buildings and grounds of Tufts College, situated in the city of Medford, have in the past been furnished with water from the Somerville system, but during the last year the Medford water department has laid pipes to connect with the main service of the college, and is now supplying these buildings with water. The connection with the Somerville main has been cut off, and the supply to four fire hydrants, eleven metered services, and one organ motor has thus been discontinued.

Water Assessments and Consumption.

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
1906	22,345 50	17,412 51	57,402 07	97,160 08
1907	25,365 30	18,880 01	62,089 30	106,334 61
1908	24,865 73	15,221 12	68,604 23	108,691 08
				\$749,901 52

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 \$9,056.10.

The daily consumption of water in Somerville, as recorded by the Venturi meters, operated by the metropolitan water works, is shown below by months for the year 1908:—

Month.	Gallons.	Month.	Gallons.
January	6,493,000	July	7,284,700
February	7,363,100	August	6,597,800
March	6,298,600	September	6,446,600
April	6,229,800	October	6,158,300
May	6,604,100	November	6,013,400
June	7,393,600	December	6,198,500

The total consumption for the year is 2,411,647,200 gallons, making an average daily consumption of 6,589,200 gallons.

The average daily quantity of water used in Somerville during 1908 was eighty-nine gallons per inhabitant, a decrease of one gallon from the previous year's consumption; the average for the entire district remaining the same as last year, or 133 gallons daily per capita.

The following table shows the daily per capita consumption of water in the cities and towns in the metropolitan water district for the year 1908, as registered by the metropolitan meters:—

City or Town													For
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	the Year.
Boston	165	179	160	156	159	164	161	152	153	151	144	155	158
Somerville	89	100	86	85	90	100	98	89	87	83	81	83	89
Malden	42	44	41	44	49	57	53	46	50	45	41	41	46
Chelsea	94	120	90	171	115	112	107	101	91	95	86	77	104
Everett	85	104	78	76	79	88	86	80	81	74	70	78	82
Quincy	93	97	90	87	97	115	117	104	105	99	94	88	99
Medford	97	104	96	95	104	119	117	96	97	85	80	79	97
Melrose	105	102	93	94	99	111	106	84	85	72	64	61	89
*Revere	79	99	79	77	88	107	116	102	93	76	73	77	89
Watertown	51	53	52	58	63	78	69	57	64	59	56	53	60
Arlington	73	86	74	80	89	126	126	98	111	89	81	82	93
Milton	38	36	36	40	49	60	56	46	51	44	37	33	44
Winthrop	97	110	100	106	111	140	156	142	135	116	106	103	118
Stoneham	102	116	98	96	93	98	102	89	92	84	85	79	94
Belmont	52	57	57	65	77	114	126	97	95	71	68	56	78
Lexington	48	56	51	58	75	109	105	83	91	70	54	51	71
Nahant	84	96	75	85	88	85	90	67	59	58	54	60	75
Swampscott	64	69	65	68	72	112	108	91	88	63	53	52	78
Metropolitan Dist.	136	149	132	132	134	142	139	129	130	126	119	126	133

*Includes 280 people in Saugus.

The district, in order of consumption, beginning with the lowest, stands as follows:—

City or Town.	G a l l o n s.		City or Town.	G a l l o n s.	
	Total per Day.	Per Capita per Day.		Total per Day.	Per Capita per Day.
1—Milton	331,600	44	8—Revere	1,293,100	89
2—Malden	1,868,600	46	8—Melrose	1,351,900	89
3—Watertown	732,000	60	9—Arlington ...	971,200	93
4—Lexington	328,800	71	10—Stoneham ...	626,000	94
5—Nahant	140,100	75	11—Medford	2,069,000	97
6—Belmont	365,400	78	12—Quincy	3,003,600	99
6—Swampscott ...	509,300	78	13—Chelsea	3,316,900	104
7—Everett	2,636,300	82	14—Winthrop ...	928,700	118
8—Somerville ...	6,598,200	89	15—Boston	98,379,300	158

Meterage.

Following out the provisions of the Water Meter Act of 1907, requiring the installation of meters on all services in the metropolitan district, 902 premises were thus equipped, this number being approximately 373 in excess of that actually demanded by the legislative requirement. About thirty-seven per cent. of all the services in the city are now equipped with meters. The policy has been continued of metering all premises where owners make application therefor, and the number of these last year was 611. A systematic metering of the city was begun,

also, by equipping all buildings within a specified district; the one selected last year included Austin, Benedict, Mystic, North Union, and Union streets, Benedict avenue and lower part of Mystic avenue, Tenney court, and northerly side of Broadway, from Austin street to the Charlestown line, and required the installation of 132 meters.

The water department furnishes all the meters required by the provisions of the law, without expense to the property owners, and retains ownership of the meters, but the owner is required to pay the expense of their installation, as well as all subsequent costs that may result from freezing or other damage to the meters.

One result of local metering is noticed in the gradual reduction of the water income; this indicates that, as a whole, the metered consumers are paying less for their water than they did on the old flat rate basis, and the individual accounts kept in the water office show, in many instances, a very large saving over the old rates.

Another result is the holding practically stationary of the daily per capita water consumption, while the natural tendency is toward an increase. It is hoped, with the complete metering of certain districts in the city, to show a material reduction in the present figure of eighty-nine, but with the large commercial consumption of water in our city it is not expected to reach the low figure shown by some of our neighboring municipalities.

As one of the main reasons for the passage of a compulsory meterage law was the conservation of our costly water supply by the restriction of water waste, and the saving of the immediate necessity of further great expenditures for building new water supplies, it is obvious that the general meterage of this city and of the whole metropolitan district should be completed as soon as possible.

Respectfully submitted,

FRANK E. MERRILL,

Water Commissioner.

Locations of New Mains Laid, Length and Size, Number of Gates, Hydrants, Etc., Set in 1908.

NAME OF STREET.	DESCRIPTION OF WORK.	PIPE LAID.		GATES SET.		HYDRANTS SET.		BLOW-OFFS.		WATERPOSTS.
		Size.	No. Feet.	Size.	No.	Kind.	No.	Size.	No.	
Aberdeen road	Street main; from connection with 6" main at bend in road to point 71 ft. westerly.	1½"	71							
Adelaide road	Street main; from point 100' north from north line Somerville avenue to point 146' north from same place.	2"	46							
Appleton street	Street main; from connection with old main at Clifton street to connection with new main at Liberty avenue.	6"	162							
Beacon street	Waterpost.	2"	52	2"	1					1
Broadway	Gate.			12"	1					
Bromfield road	Hydrant.	6"	14			Mathews	2			
Bromfield road	Blow-off.	6"	10					6"	1	
Central street	Hydrant.	8"	7			Mathews	1			
Cleveland street	Street main; from connection with old main in Cleveland street to gate on east line Harvard street.	6"	195							
Cleveland street	Waterpost.	2"	28							1
Dante terrace	Street main; from main in Craigie street to point 96' west from west line Craigie St.	2"	109							
Fairmount avenue	Street main; from connection with main in Fairmount avenue 11' west from Watson street to point 45' west from west line of Watson street.	2"	34							
Frederick avenue	Waterpost.	2"	26							
Garfield avenue	Street main; connection with main in Mystic avenue.	6"	3							
Grant street	Street main; from connection with old pipe at Sydney street to connection with main in Mystic avenue completing pipe line in Grant street.	6"	362			Mathews	1			1
Kent street	Hydrant.	6"	12			Mathews	1			
Liberty avenue	Street main; from connection with old main at Hall avenue to connection with new main in Appleton street.	8"	113							
Mallet street	Street main; from main in Lowden avenue to point 96' east from east line Lowden avenue.	2"	106							
Mardel circle	Street main; from main in Spring street to point 106' west from west line Spring street.	2"	131							
Marion street	Street main; from connection with old pipe opposite No. 95 to connection with old pipe opposite No. 65 completing the line.	6"	314			Mathews	1			1
Moreland street	Waterpost.	2"	43							
	Carried forward . . .		1,838		11		6		1	4

LOCATIONS OF NEW MAINS LAID, LENGTH AND SIZE, NUMBER OF GATES, HYDRANTS, ETC., SET IN 1908. — Concluded.

NAME OF STREET.	DESCRIPTION OF WORK.	PIPE LAID.		GATES SET.		HYDRANTS SET.		BLOW-OFFS.		WATERPOSTS.
		Size.	No. Feet.	Size.	No.	Kind.	No.	Size.	No.	
Mystic avenue	Brought forward		1,838		11		6		1	4
Mystic avenue	Street main; from connection with old main at Moreland street to point 9' east from west line Fremont street with 10" pipe; thence to point 125' west from west line Fremont street with 6" pipe.	10"	303		1	Mathews	2	6"	1	
Mystic avenue	Street main; from connection with old main at Temple street to connection with old main at Wheatland street.	12"	711		1	Holyoke				
Mystic avenue	Street main; from connection with main in Garfield avenue to point 6' west from west line New Cross street.	12"	214			Mathews	1			
Pearson road	Hydrant.	6"	11							
Pearson road	Street main; from connection with old main in Pearson road 7' north from north line house No. 88 to point 37' north from same place.	8"	30			Mathews	1			
Pembroke court	Hydrant.	6"	21			Mathews	1			
Powder House boulevard (south side)	Street main; from main in Pembroke street to point 105' south from south line of Pembroke street.	2"	118		1					
Prospect street	Street main; from connection with main in Broadway to point 574' northwesterly from northerly line of Broadway.	10"	624		1	Mathews	2			
Taylor street	Waterpost.	6"	4							
Taylor street	Street main; from main in Mystic avenue to point 15' south from south line of Mystic avenue.	2"	37		1					1
Teele avenue	Hydrant.	6"	42			Mathews	1			
Vernon street	Hydrant.	6"	14			Holyoke	2			
Waverley street	Hydrant.	6"	7			Mathews	1			
	Total		4,179		18		17		2	5

New Gates Have Been Set in the Following Locations.

- Beacon street, 2-inch gate, set 4 feet 6 inches out from waterpost located 135 feet east from Washington street.
- Broadway, 12-inch gate, set 23 feet north from south line and 6 feet west from west line of College avenue.
- Bromfield road, 6-inch gate, set 16 feet out from west line and 9 feet south from south line of house No. 50 Bromfield road; for blow-off.
- Cleveland street, 6-inch gate, set 13 feet out from south line, on east line of Harvard street.
- Cleveland street, 2-inch gate, set 4 feet out from waterpost located 169 feet east from Harvard street.
- Dante terrace, 2-inch gate, set 8 feet 4 inches out from north line, on west line of Craigie street.
- Frederick avenue, 2-inch gate, set 4 feet out from waterpost located 66 feet east from Willow avenue.
- Grant street, 6-inch gate, set 13 feet 4 inches out from west line, on south line of Mystic avenue.
- Mallet street, 2-inch gate, set 13 feet out from south line, on east line of Lowden avenue.
- Mardel circle, 2-inch gate, set 3 feet north from south line, and 4 feet out from west line of Spring street.
- Moreland street, 2-inch gate, set 4 feet out from waterpost located 28 feet north from Meacham street.
- Mystic avenue, 10-inch gate, set 22 feet out from south line, on west line of Moreland street.
- Mystic avenue, 12-inch gate, set 22 feet out from south line and 7 feet west from east line of Moreland street.
- Mystic avenue, 6-inch gate, set 25 feet out from south line and 20 feet west from east line of Moreland street; for blow-off.
- Pembroke court, 2-inch gate, set 10 feet out from east line, on south line of Pembroke street.
- Powder House boulevard, 10-inch gate, set 28 feet north from south line of Broadway, and 8 feet west from west line of College avenue.
- Prospect street, 2-inch gate, set 4 feet 6 inches out from waterpost located 30 feet north from Somerville avenue.
- Taylor street, 6-inch gate, set 13 feet 4 inches out from west line, on south line of Mystic avenue.

Main Gate Relocation.

6-inch gate, set 163 feet east from east line of Dane street, and 12 feet north from south line of Somerville avenue, and 6-inch gate removed from 163 feet east from east line of Dane street, and 2 feet south from south line of Somerville avenue.

GATES—RECAPITULATION.

GATES.	1¼"	1½"	2"	3"	4"	6"	8"	10"	12"	Total.
Set	—	—	9	—	—	5	—	2	2	18
Removed	—	—	—	—	—	—	—	—	—	0

Net increase in number of gates in 1908 18
 Total number of gates in the city December 31, 1908 . 1,422

New Hydrants Have Been Set in the Following Locations.

Bromfield road, 179 feet north from Warner street, 6-inch Mathews.
 Bromfield road, 567 feet north from Warner street, 6-inch Mathews.
 Central street, 27 feet north from Vernon street, 6-inch Mathews.
 Grant street, 99 feet south from Mystic avenue, 6-inch Mathews.
 Kent street, 7 feet north from Kent court, 6-inch Mathews.
 Marion street, 177 feet south from Wyatt street, 6-inch Mathews.
 Mystic avenue, 228 feet west from Melrose street, 6-inch Mathews.
 Mystic avenue, 6 feet west from Moreland street, 6-inch Mathews.
 Mystic avenue, 125 feet west from Fremont street, 6-inch Holyoke.
 Pearson road, 344 feet north from Warner street, 6-inch Mathews.
 Powder House boulevard, 133 feet northwest from Broadway, 6-inch Mathews.
 Powder House boulevard, 560 feet northwest from Broadway, 6-inch Mathews.
 Taylor street, 14 feet south from Mystic avenue, 6-inch Mathews.
 Teele avenue, 174 feet west from Packard avenue, 6-inch Holyoke.
 Teele avenue, 201 feet east from Curtis street, 6-inch Holyoke.
 Vernon street, 48 feet west from Central street, 6-inch Mathews.
 Waverley street, 171 feet south from Washington street, 6-inch Mathews.

Hydrant Renewal Account.

The following changes have been made in the kind and locations of hydrants:—

Adams street, 6-inch Mathews hydrant, set 11 feet south from Broadway, and 6-inch Holyoke hydrant removed from same location.
 College avenue, 6-inch Mathews hydrant, set 12 feet north from Winter street, and 6-inch Chapman hydrant removed from same location.
 Concord avenue, 6-inch Mathews hydrant, set 20 feet east from Wyatt street, and 4-inch Bigelow hydrant removed from same location.
 Eastman road, 6-inch Mathews hydrant, set 279 feet south from Highland avenue, and 4-inch Boston Machine hydrant removed from same location.
 Glen street, 6-inch Mathews hydrant, set 147 feet south from Broadway, and 6-inch Holyoke hydrant removed from same location.
 Highland avenue, 6-inch Mathews hydrant, set 112 feet west from Trull lane, and 6-inch Holyoke hydrant removed from same location.
 James street, 6-inch Mathews hydrant, set 100 feet north from Pearl street, and 4-inch Boston Machine hydrant removed from same location.
 Moreland street, 6-inch Chapman hydrant, set 3 feet south from East Albion street, and 6-inch Chapman hydrant removed from 6 feet north from East Albion street.
 Summer street, 6-inch Mathews hydrant, set 19 feet west from Laurel street, and 4-inch Boston Machine hydrant removed from same location.
 Summer street, 6-inch Mathews hydrant, set 3 feet east from Belmont street, and 4-inch Boston Machine hydrant removed from same location.
 Summer street, 6-inch Holyoke hydrant, set 148 feet east from Cutter avenue, and 4-inch Holyoke hydrant removed from same location.
 Wesley park, 6-inch Mathews hydrant, set 335 feet north from Bow street, and 4-inch Boston Machine hydrant removed from same location.

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.
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 house No. 110.
Albion street, 444 feet east from Cedar street.
Aldersey street, 276 feet west from Walnut 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.
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, 39 feet south from Broadway.
Bay State avenue, 7 feet south from Mallet street.
Bay State avenue, 92 feet north from Kidder avenue.
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, 23 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, 15 feet west from City road.
- 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.
- Bromfield road, 179 feet north from Warner street.
- Bromfield road, 567 feet north from Warner street.
- 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.
- Cambrina 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, 93 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, 27 feet north from Vernon 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.
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.
Columbia street, 3 feet south from Beach avenue.
Columbia street, 8 feet south from Columbia court.
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, 125 feet south from Pearl street.
Crocker street, 4 feet south from Highland avenue.
Crocker street, 8 feet north from Crown street.
Cross street, 32 feet north from Cross-street place.
Cross street, 6 feet north from Pearl street.
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.
Delaware street, 246 feet east from Aldrich street.
Delaware street, 8 feet south from Pearl street.
Dell street, 255 feet west from Glen 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.
Edmunds street, 15 feet south from Broadway.
Eliot street, 3 feet east from Park street.
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.
Endicott avenue, 422 feet south from Broadway.

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.
Evergreen avenue, 8 feet east from School street.
Evergreen avenue, 114 feet east from Sycamore 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 Sumner 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.
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, 99 feet south from Mystic 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.
Harrison street, 77 feet east from Kent street.
Harrison street (Ward 7), 4 feet east from Elmwood street.
Harvard street, 13 feet north from Beech street.
Harvard street, 23 feet north from Harvard place.
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, 10 feet west from Lowell street.
Hudson street, 362 feet west from Lowell street.
Hudson street, 675 feet west from Lowell street.
Hudson street, 334 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.
Kent street, 7 feet north from Kent court.
Kidder avenue, 346 feet east from College avenue.
Kingman road, 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, 12 feet south from Richardson street.
Leland street, 14 feet south from Dane avenue.
Lesley avenue, 57 feet north from Highland avenue.
Lexington avenue, 244 feet west from Cedar street.
Lexington avenue, 200 feet east from Hancock street.
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 Mallet 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.
Lowden avenue, 85 feet south from Broadway.
Lowden avenue, 8 feet south from Mallet street.
Lowden avenue, 178 feet north from Kidder avenue.
Lowden avenue, 27 feet south from Kidder 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.

Marion street, 177 feet south from Wyatt street.
Marshall street, 80 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 road, 326 feet east from Lester terrace.
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, 5 feet north from School street.
Medford street, 171 feet north from Marshall street.
Medford street, 266 feet north from Walnut street.
Medford street, 3 feet east 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, 332 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, 3 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, 228 feet west 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 avenue, 6 feet west from Moreland street.
Mystic avenue, 125 feet west from Fremont 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.
Newberne street, 62 feet south from Morrison avenue.
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.
Packard avenue, 164 feet south from Electric avenue.
Packard avenue, 34 feet north from Electric avenue.
Packard avenue, 35 feet south from Powder House boulevard.
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.
Pearson road, 344 feet north from Warner street.
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, 133 feet northwest from Broadway.
Powder House boulevard, 560 feet northwest from Broadway.
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, 128 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.
 Skilton avenue, on east entrance, 173 feet south from south line of Pearl 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, 81 feet south from north line of Squire's box mill.
 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.
 Spring Hill terrace, 333 feet south from Highland avenue.
 Springfield street, 140 feet south from Concord avenue.
 Springfield street, 21 feet south from Dickinson street.
 Springfield street, 177 feet south from Houghton street.
 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.
Taylor street, 14 feet south from Mystic avenue.
Teele avenue, 174 feet west from Packard avenue.
Teele avenue, 201 feet east from Curtis street.
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.
Vernon street, 48 feet west from Central 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, 7 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, 6 feet west from Florence street.
Washington street, 15 feet west from Myrtle street.
Washington street, 2 feet east from Bartlett street.
Washington street, 18 feet east from Franklin avenue.
Washington street, 160 feet east from Franklin street.
Washington street, 53 feet west 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 road.
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.
Waverley street, 171 feet south from Washington street.
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, 73 feet north from Derby 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, 85 feet south from Frederick avenue.
Willow avenue, 171 feet north from Frederick avenue.
Willow avenue, opposite Mallet 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, 224 feet east 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	8
Union Glass Works	1
Fresh Pond Ice Co.	1
American Tube Works	2
Middlesex Bleachery	3
Boston Elevated Railway Co.	1
Metropolitan Sewerage Pumping Station	1
Middlesex Paper Co.	2
Derby Desk Co.	1
M. W. Carr & Co.	2

Locations of Waterposts.

- 1—Albion street, 83 feet west from Centre street.
- 2—Appleton street, 49 feet west from Willow avenue.
- 3—Bartlett street, 26 feet south from Broadway.
- 4—Beacon street, 33 feet north from Concord avenue.
- 5—Beacon street, 135 feet east from Washington street.
- 6—Beacon street, 33 feet west from Vine street.
- 7—Beacon street, 94 feet east from Sacramento street.
- 8—Bolton street, opposite Baxter school.
- 9—Bonair street, 19 feet west from Wigglesworth street.
- 10—Bond street, 14 feet north from Broadway.
- 11—Boston avenue, opposite Highland road.
- 12—Boston street, 107 feet west from Greenville street.
- 13—Broadway, 75 feet west from Winthrop avenue.
- 14—Broadway, 6 feet west from Farm lane.
- 15—Broadway, 6 feet west from Irving street.
- 16—Broadway, 120 feet west from Clarendon avenue.
- 17—Broadway, 20 feet west from North street.
- 18—Cameron avenue, 6 feet north from Glendale avenue.
- 19—Cedar street, 96 feet south from Morrison avenue.
- 20—Cherry street, 161 feet south from Fairlee street.
- 21—Cleveland street, 169 feet east from Harvard street.
- 22—College avenue, opposite Morrison avenue.
- 23—College avenue, 5 feet south from Kenwood street.
- 24—Columbus avenue, 54 feet east from Walnut street.
- 25—Concord avenue, opposite Knapp school.
- 26—Curtis street, 50 feet east from Professors row.
- 27—Dana street, 30 feet east from Pearl street.
- 28—Elm street, 25 feet west from Burnside avenue.
- 29—Flint street, 47 feet east from Cross street.
- 30—Franklin street, 127 feet south from Broadway.
- 31—Frederick avenue, 66 feet east from Willow avenue.
- 32—Gilman street, 63 feet east from Walnut street.
- 33—Grove street, 19 feet south from Highland avenue.
- 34—Highland avenue, 44 feet west from Hamlet street.
- 35—Highland avenue, 50 feet west from Putnam street.
- 36—Highland avenue, 15 feet west from Central street.
- 37—Jaques street, 159 feet west from Grant street.
- 38—Laurel street, 20 feet south from Summer street.
- 39—Liberty avenue, 46 feet south from Broadway.
- 40—Linwood street, 70 feet west from Poplar street.
- 41—Lowell street, opposite Crown street.
- 42—Lowell street, 34 feet north from Highland avenue.

- 43—Lowell street, 102 feet north of Wilton street.
- 44—Medford street, 35 feet east from Ward street.
- 45—Medford street, at Gilman square.
- 46—Medford street, 19 feet east from Glenwood road.
- 47—Montrose street, 204 feet west from School street.
- 48—Moreland street, 28 feet north from Meacham street.
- 49—Mt. Vernon street, 71 feet south from Broadway.
- 50—Mystic avenue, 33 feet west from Union street.
- 51—New Cross street, 64 feet north from Broadway.
- 52—Orchard street, 107 feet west from Dover street.
- 53—Otis street, 127 feet west from Cross street.
- 54—Packard avenue, 55 feet southwest from Powder House boulevard.
- 55—Paulina street, 26 feet east from Holland street.
- 56—Pearl street, 28 feet east from Myrtle street.
- 57—Pleasant avenue, 104 feet west from Walnut street.
- 58—Prospect street, 30 feet north from Somerville avenue.
- 59—Putnam street, 96 feet north from Summer street.
- 60—School street, 116 feet south from Broadway.
- 61—School street, 50 feet north from Berkeley street.
- 62—Shawmut street, 74 feet north from Shawmut place.
- 63—Somerville avenue, 175 feet east from Fitchburg R. R. crossing.
- 64—Somerville avenue, 246 feet east from Poplar street.
- 65—Somerville avenue, 89 feet east from Mystic street.
- 66—Somerville avenue, 119 feet west from School street.
- 67—Somerville avenue, 35 feet east from Central street.
- 68—Somerville avenue, 92 feet west from Kent street.
- 69—Somerville avenue, 120 feet west from Oak square.
- 70—Somerville avenue, 42 feet east from Mossland street.
- 71—Summer street, 14 feet east from Belmont street.
- 72—Summer street, 32 feet east from Cedar street.
- 73—Summer street, 35 feet east from Cutter avenue.
- 74—Sycamore street, 28 feet west from Medford street.
- 75—Temple street, 124 feet south from Heath street.
- 76—Tremont street, 120 feet south from Webster avenue.
- 77—Tufts street, 114 feet east from Cross street.
- 78—Vernon street, 45 feet west from Central street.
- 79—Washington street, 96 feet west from Myrtle street.
- 80—Washington street, 7 feet west from Boston street.
- 81—Washington street, 34 feet west from Union square.
- 82—Washington street, opposite Leland street.
- 83—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	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, 1908.

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, 74,000.
2. Estimated population on lines of pipe, 74,000.
3. Estimated population supplied, 74,000.
4. Total consumption for the year, 2,411,647,200 gallons.
7. Average daily consumption, 6,589,200 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 4,179 feet during year.
5. Total now in use, 92.92 miles.
7. Number of leaks per mile, 0.15.
9. Number of hydrants added during year (public and private), 13.
10. Number of hydrants (public and private) now in use, 1,085.
11. Number of stop gates added during year, 18.
12. Number of stop gates now in use, 1,422.
14. Number of blow-offs, 133.
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 6,395 feet.
20. Total now in use, 76.5 miles.
21. Number of service taps added during the year, 169.
22. Number now in use, 11,817.
24. Average cost of service for the year, \$20.92.
25. Number of meters added, 936; discontinued, 57.
26. Number now in use, 4,325.
27. Percentage of services metered, 36.6.
28. Percentage of receipts from metered water, 46.62.
29. Number of motors and elevators added, 0.
30. Number now in use, 8 (included in number of meters).

WATER DEPARTMENT.

FINANCIAL STATISTICS.

RECEIPTS.

EXPENDITURES.

From Water Rates:—			
A. Fixture rates	\$119,132 95	Water Works Maintenance:—	
B. Meter rates	104,064 72	AA. Operation (management and repairs)	\$30,537 05
C. Total from consumers	\$223,197 67	B. Special:—	
M. From other sources:—		Miscellaneous accounts	3,607 78
Balance from water account of 1907	1 90	CC. Total maintenance	\$34,144 83
Water service assessments	3,122 77	DD. Interest on bonds	2,720 00
Waterpost construction	324 60	EE. Payment of bonds	7,000 00
Labor and materials	3,607 78	Water Works Construction:—	
		GG. Mains	\$6,088 76
		HH. Services	3,535 35
		II. Waterposts	324 60
		JJ. Meters	6,949 48
		KK. Total construction	\$16,898 19
		LL. Unclassified expenses:—	
		Metropolitan water assessment	108,691 08
		MM. Balance:—	
		(aa) Ordinary	60,800 62
		Total balance	\$60,800 62
N. Total	\$230,254 72	N. Total	\$230,254 72

Disposition of balance: applied to other municipal purposes.

- O. Cost of works to date \$908,636 18
- P. Bonded debt at date 62,000 00
- R. Average rate of interest, 4 per cent.

REPORT OF CHIEF ENGINEER OF FIRE DEPARTMENT.

OFFICE OF CHIEF OF FIRE DEPARTMENT, }
Somerville, Mass., December 31, 1908. }

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I herewith present to you the annual report of the fire department for the year ending December 31, 1908:—

Fire Alarms.

Number of bell alarms		226
Number of still alarms		181
		407
Total alarms		407
Number less than 1907		4
Value of buildings at risk		\$331,500 00
Damage to buildings		32,134 74
Insurance on buildings		257,151 00
Value of contents		223,270 00
Damage to contents		32,707 85
Insurance on contents		154,114 00
Total value of risks		554,770 00
Total damage		64,842 59
Total insurance		411,265 00

Manual Force.

The manual force of the department consists of 111 men, divided into companies as follows:—

	Permanent Men.	Callmen.
Chief engineer	1	
Assistant engineer	1	
Engine Company No. 1	8	6
Engine Company No. 2	5	9
Engine Company No. 4	5	8
Engine Company No. 6	6	2
Hose and Chemical Company No. 7	3	5
Hose Company No. 2	2	6
Hose Company No. 3	3	6
Hose Company No. 5	2	5
Ladder and Chemical Company No. 1	3	10
Ladder Company No. 2	2	10
Chemical A	3	
	44	67
Total number of men		

Apparatus in Service.

Steam fire engines		4
Chemical engine		1
Combination chemical and hose wagons		3
Ladder trucks		2
Ladder truck with chemical tank		1
Hose wagons		5

Apparatus in Reserve.

Steam fire engine	1
Combination chemical and hose wagon	1
Ladder truck	1

Horses.

There are forty-two horses owned and maintained by the department.

Recommendations.

I recommend that a fire engine of large pumping capacity be placed in the Union-square fire station. This section of the city is where most of the large manufacturing buildings are located, and an engine of this kind is necessary (with those we now have) to conquer fire.

I also recommend that a fire station be erected on land owned by the city on the corner of Broadway and City road.

I further recommend that Chapter 191 of the Acts and Resolves of the year 1905, a copy of which is herewith submitted, be accepted by the board of aldermen and approved by his honor, the mayor.

An Act to Authorize Cities and Towns to Establish Municipal Building Insurance Funds.

Be it enacted, etc., as follows:—

Section 1. Any city or town which accepts the provisions of this act may establish and maintain a municipal building insurance fund, from which any municipal buildings or other property damaged or destroyed by fire, lightning or otherwise, may be repaired, rebuilt or replaced by other buildings or property to be used in lieu thereof.

Section 2. Any such city or town may raise money for the purposes of this act, not exceeding in amount in any one year one-twentieth of one per cent. of its assessed valuation; but no money shall be raised for such purpose while the amount of the fund equals or exceeds one per cent. of such valuation.

Section 3. The fund established under this act by any city or town shall be managed and administered as provided in section fifteen of chapter twenty-seven of the Revised Laws, by the sinking fund commissioners thereof, if such there be, or by any municipal board of commissioners or trustees having charge of its trust or sinking funds; and if in any such city or town such commissioners or trustees have not been established sinking fund commissioners shall be elected in the manner provided in section fourteen of chapter twenty-seven of the Revised Laws.

Section 4. This act may be accepted by any city by a concurrent vote of both branches of the city council, and by any town by a majority of the voters present and voting thereon at a meeting duly called for that purpose.

Section 5. This act shall take effect upon its passage.

Approved March 17, 1905.

Chapter 191, Acts and Resolves for 1905.

It seems to be an excellent proposition. The public buildings of the city are valued at upwards of over \$2,000,000, and there is no insurance on any of them. Cities frequently have

destructive fires in their public buildings, and Somerville may have one some day, as fires are seldom charitable.

I again earnestly recommend that the city government prohibit the use of shingles to cover the roofs of buildings. There is nothing that contributes so much to create a conflagration as shingle roofs. Every thoughtful citizen must know that shingle roofs are a menace to the safety of the city. When there is a fire and the roofs are dry, the sparks from the first fire are carried a long distance and fall on other roofs, igniting them; then fires become so numerous that they develop a conflagration before the fire apparatus can reach them.

Bell Alarms and Causes Thereof.

Accidental	2
Automobile	3
Burning insulation off wires	2
Bonfires	2
Boiling over of tar	2
Boiling over of fat	2
Broken gas pipe	3
Baker's oven	1
Connection about motor	2
Children playing with matches	15
Chimney fires	10
Combustion	13
Cleaning clothes with naphtha	2
Curtains in contact with gas light	4
Candle upset in bed	1
Child playing with gas light	2
Defective chimney	5
Dog upset lamp	1
Explosion of stove front	1
Fire crackers on roof	5
Fire on dump	2
Fire in Medford	2
Fire in Cambridge	2
Filling alcohol lamp	1
False alarms	27
Grass fires	5
Gas from furnace	1
Hot ashes on floor	2
Hot ashes in barrel	5
Incendiary	12
Kerosene lamp upset	17
Kerosene oil heater	2
Lighting matches going to closet	3
Leaking gas tubes	3
Overheated oil stove	4
Overheated coal stove	2
Rubbish in cellar	3
Rats and matches	7
Rags used for wiping stoves	3
Stepping on snap match	6
Smoke from stove	2
Smoke from chimney	5
Spark in charcoal	1

Carried forward 195

Brought forward	195
Spark from blacksmith's forge	1
Spark on roof from chimney	5
Spark from tobacco pipe	10
Spark from fire under boiler	2
Steam mistaken for fire	1
Thawing out water pipe	4
Unknown	6
Upsetting candle on bale oakum	1
Wood on furnace to dry	1
Total	<u>226</u>

Service of Companies in Fire Department, Year 1908.

	Engine 1.	Engine 2.	Engine 4.	Engine 6.	Hose 2.	Hose 3.	Hose 5	Hose and Chemical 7.	Chemical A.	Hook and Ladder 1.	Hook and Ladder 2.	Totals.
Bell alarms responded to	171	92	59	53	85	138	115	77	161	150	87	1,188
Still alarms responded to	21	30	8	25	18	7	29	7	39	8	2	194
Miles traveled	372	167	89	113	304	186	229	144	291	189	160	2,244
Feet of hose used	13,950	6,050	6,050	4,300	5,100	7,800	10,250	6,250	1,000	. . .	. . .	60,750
Feet of chemical hose used . . . . .	. . .	. . .	. . .	100	. . .	1,000	. . .	9,000	19,200	14,350	. . .	43,650
Feet of ladders used . . . . .	. . .	14	70	. . .	160	35	135	. . .	183	2,378	1,901	4,876
Chemical extinguishers used	10	17	16	. . .	15	24	33	4	69	11	. . .	199
Gallons of chemical water used . . . . .	. . .	. . .	. . .	68	. . .	175	. . .	1,037	3,450	1,350	. . .	6,080
Times on duty at other stations . . . . .	. . .	. . .	. . .	4	. . .	1	1	3	1	. . .	. . .	10

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,	96 Highland ave.
Frank Langer,	July 4, 1854,	Lieutenant,	Woodworker,	110 Bartlett st.
Lyle Sterling,	Feb. 28, 1867,	Hoseman,	Fireman,	14 Knapp st.
Percival L. Lowell,	July 1, 1877,	Engineman,	Fireman,	105 Walnut st.
Peter J. Kelley,	Mar. 29, 1879,	Driver,	Fireman,	24 Fountain ave
Fred L. Jensen,	July 2, 1872,	Asst. Engineman,	Fireman,	267 High'd ave.
Charles Spike,	Feb. 8, 1875,	Hoseman,	Fireman,	29 Grant st.
James F. Ward,	Feb. 26, 1879,	Driver,	Fireman,	Hillside park.
Oscar J. Lingley,	April 5, 1860,	Hoseman,	Milk Business,	65 Avon st.
Fred S. Young,	Feb. 1, 1867,	Hoseman,	Water Dept.,	47 Oxford st.
Sewall M. Rich,	Nov. 6, 1866,	Hoseman,	Merchant,	331 Medford st.
Joseph W. Mess,	Sept. 25, 1863,	Hoseman,	Merchant,	19 Chester ave.
Everett W. Bray,	Feb. 17, 1872,	Hoseman,	Provision Clerk,	11 Alston st.
William A. Smith	Feb. 24, 1881,	Hoseman,	Coal Business,	23 Hamlet 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,	16 New Cross st.
Clarence V. Cook,	Oct. 1, 1858,	Engineman,	Fireman,	Maple st.
Walter H. Young,	Dec. 25, 1869,	Asst. Engineman,	Fireman,	Fountain ave.
Thomas L. Deegan,	Oct. 15, 1876,	Driver,	Fireman,	Mansfield st.
Robert Geaton,	Feb. 22, 1861,	Hoseman,	Painter,	Tennyson st.
Cornelius A. Doherty,	April 30, 1873,	Hoseman,	Milk Dealer,	Cross st.
Edward W. Burgess,	Aug. 3, 1859,	Hoseman,	Produce,	Otis st.
Fred W. Kimball,	Aug. 11, 1866,	Hoseman,	Woodworker,	Everett ave.
Charles T. Garland,	Nov. 15, 1871,	Hoseman,	Coal Dealer,	Pearl st.
Robert F. Garland,	June 23, 1866,	Hoseman,	Laundry,	Cross st.
David L. Stevens,	March 17, 1873,	Hoseman,	Blacksmith,	B'dw'y, cor. Cross
J. Edgar Thompson,	Sept. 1, 1869,	Hoseman,	Clerk,	Broadway.
George F. Patten,	July 25, 1885,	Hoseman,	Coal Dealer,	Broadway.

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.
Charles F. Hathaway,	Feb. 11, 1876,	Asst. Engineman,	Fireman,	Grove st.
Robert W. Jesson,	May 10, 1873,	Driver,	Fireman,	Summer st.
John F. McKenzie,	Sept. 1, 1881,	Driver,	Fireman,	Poplar st.
John F. Berton,	Feb. 14, 1857,	Hoseman,	Painter,	Morrison 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, 1864,	Hoseman,	Blacksmith,	Chandler st.
George H. Keay,	Sept. 23, 1868,	Hoseman,	Fish Dealer,	Ellington road.
Chauncey L. Field,	Nov. 5, 1871,	Hoseman,	Laundry,	Hawthorne st.
Charles F. Mills,	Aug. 26, 1876,	Hoseman,	Carpenter,	Alpine st.

ENGINE 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.
Walter H. Young,	Dec. 25, 1869,	Engineman,	Fireman,	Fountain ave.
George H. Crosby,	Sept. 14, 1881,	Asst. Engineman,	Fireman,	Holland st.
George R. Dale,	Jan. 22, 1871,	Driver,	Fireman,	Newbury st.
Elmer C. Shiere,	Apr. 29, 1878,	Driver,	Fireman,	Newbury st.
Homer A. White,	July 27, 1865,	Hoseman,	Undertaker's Ass't,	Newbury st.
William Stern,	Sept. 19, 1873,	Hoseman,	Paperhanger,	Newbury st.

HOSE COMPANY NO. 2.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Francis W. Ring,	Aug. 7, 1854,	Captain,	Fireman,	Wheatland st.
Charles H. Timson,	May 27, 1859,	Lieutenant,	Fireman,	Marshall st.
Daniel R. Spike,	March 24, 1844,	Hoseman,	Cooper,	Marshall st.
Frederick E. Cushing,	Dec. 20, 1845,	Hoseman,	Painter,	Marshall st.
Benjamin Marble,	May 1, 1871,	Hoseman,	Restaurant,	Sargent ave.
J. Walter Holmes,	Sept. 8, 1875,	Hoseman,	Victualler,	Temple st.
Charles P. Fowler,	May 24, 1879,	Hoseman,	Clerk,	Hamlet st.
Fred E. Knowles,	Jan. 27, 1879,	Hoseman,	Milkman,	Melvin 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,	Laborer,	Prospect st.
Joseph F. Green,	Aug. 9, 1878,	Driver,	Fireman,	Somerville ave.
Charles M. Davis,	Dec. 5, 1878,	Operator,	Fireman,	Washington st.
Thomas W. Joy,	Feb. 22, 1856,	Hoseman,	Cooper,	Somerville ave.
Edward A. Parker,	Oct. 29, 1851,	Hoseman,	Laborer,	Prescott st.
Walter J. Green,	Oct. 25, 1868,	Hoseman,	Florist,	Somerville ave.
Edward J. McNamara,	Oct. 5, 1875,	Hoseman,	Machinist,	Washington st.
William L. Larsen,	Aug. 23, 1885,	Hoseman,	Roofer,	Tufts st.

HOSE COMPANY NO. 5.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Edwin F. Trefren,	March 28, 1858,	Captain,	Fireman,	24 Lowell st.
Harry F. Bucknam,	Sept. 21, 1872,	Lieutenant,	Fireman,	Highland ave.
William J. Blaisdell,	May 16, 1846,	Hoseman,	Painter,	Summer st.
Martin E. Driscoll,	Dec. 21, 1872,	Hoseman,	Patrol Driver,	Miller st.
Horace L. Dunklee,	Dec. 12, 1854,	Hoseman,	Fireman,	51 Som 'villeav
Albert F. McGrath,	July 14, 1877,	Hoseman,	Butcher,	Elm place.
Adam H. Gibby,	Sept. 2, 1874,	Hoseman,	Electrician,	Summer st.

HOSE AND CHEMICAL COMPANY NO. 7.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
George W. Bridges,	March 22, 1876,	Lieutenant,	Fireman,	16 Newbury st.
Arthur C. Sellon,	July 16, 1863,	Driver,	Fireman,	104 Hancock st.
Albert B. McLaughlin,	Sept. 8, 1883,	Hoseman,	Fireman,	21 Belmont st.
Harry G. White,	June 14, 1870,	Hoseman,	Electrician,	145 Hudson st.
Charles W. Hughes,	March 26, 1876,	Hoseman,	Painter,	150 Cross st.
Alfred M. Pride,	Apr. 6, 1869,	Hoseman,	Carpenter,	145 Hudson st.
William H. Butler,	Sept. 5, 1877,	Hoseman,	Real Estate,	162 Lowell st.
Benjamin F. Johnson,	Nov. 20, 1864,	Hoseman,	R. R. Yardman,	111 Cedar st.

CHEMICAL A.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
John T. Coneeny,	Nov. 2, 1876,	Lieutenant,	Fireman,	Broadway
Frank R. Rametti,	Dec. 26, 1873,	Operator,	Fireman,	Washington st.
William F. Wade,	Sept. 1, 1884,	Driver,	Fireman,	Highland ave.

HOOK AND LADDER COMPANY NO. 1.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Frank L. Draper	July 31, 1852,	Lieutenant,	Fireman,	Highland road
Herbert L. Webber,	Nov. 9, 1869,	Driver,	Fireman,	Columbus ave.
Charles M. Craig,	Nov. 4, 1878,	Driver,	Fireman,	Highland ave.
William McLane,	Jan. 7, 1860,	Ladderman,	Engineer,	Clark st.
Patrick J. Follon,	Mar. 3, 1859,	Ladderman,	Laborer,	School st.
Frank H. Eaton,	Feb. 1, 1855,	Ladderman,	Clerk,	Prospect st. pl.
James D. Perkins,	Nov. 25, 1858,	Ladderman,	Paperhanger,	Bow st. pl.
John H. Foy,	May 6, 1867,	Ladderman,	Painter,	Somerville ave.
George A. Row,	Jan. 9, 1867,	Ladderman,	Teamster,	Somerville ave.
Israel Y. Hall,	Jan. 24, 1878,	Ladderman,	Laborer,	Homer sq.
George A. Copithorne,	Nov. 14, 1880,	Ladderman,	Clerk,	School st.
Joseph G. Haney,	Nov. 4, 1883,	Ladderman,	Teamster,	Fountain ave.
Charles G. J. McNamara,	Aug. 29, 1881,	Ladderman,	Blacksmith,	Washington st.

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.
George F. Bixby,	March 27, 1869,	Driver,	Fireman,	Henry ave.
John E. Hill,	Dec. 25, 1845,	Ladderman,	Clerk,	Cherry st.
Clarence T. Conant,	Dec. 10, 1868,	Ladderman,	Milkman,	Hudson st.
LeBaron Emery,	May 11, 1859,	Ladderman,	Painter,	Alpine st.
John H. Givan,	June 9, 1865,	Ladderman,	Grocer,	Highland ave.
Joseph E. Emery,	Aug. 2, 1870,	Ladderman,	Painter,	Hudson st.
David B. Nixon,	March 4, 1869,	Ladderman,	Painter,	Hudson 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,	Highl

Respectfully submitted,

JAMES R. HOPKINS,
Chief Engineer, Fire Department.

REPORT OF THE CHIEF OF POLICE.

OFFICE OF THE CHIEF OF POLICE, }
 City of Somerville, January 1, 1909. }

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,
 1908:—

Arrests.

Whole number of arrests made	1,838
On warrant	1,406
On summons	432
	1,838
Males	1,723
Females	115
	1,838
Americans	1,046
Foreign born	792
	1,838
Residents	1,159
Non-residents	679
	1,838
Juvenile offenders	250
Arrested for officers of other places	41

Arrests for Crime Against the Person.

Assault and battery	180
Assault felonious	4
Mayhem	1
Murder	7
Robbery	2
Threats	13
	207

Crimes Against Property.

Arson	1
Breaking and entering	74
Buying leased property	1
Fraud	3
Evading railroad fare	1
Larceny	123
Malicious mischief	47
Receiving stolen goods	5
Trespass	45
	300

Crimes Against Public Order.

Assuming to be an officer	1
Attempt to rescue prisoner	1
Bastardy	6
Carrying concealed weapons	3
Contempt of court	3
Cruelty to animals	7
Disturbing the peace	28
Drunkness	886
Keeping disorderly house	1
Keeping unlicensed dog	1
Lewdn�ess	4
Neglected children	36
Neglect to support family	41
Peddling without license	1
Refusing to assist officer	1
Stubborn child	10
Unlawful use of registered bottles	8
Unlawfully operating steam boiler	1
Unlawfully operating automobile	1
Vagrancy	38
Violation city ordinance	60
Violation pure food laws	23
Violation liquor laws	8
Violation Lord's day	46
Violation rules Massachusetts highway commission	9
Walking on railroad track	40
	<hr/>
Arrests for crimes against person	207
Arrests for crimes against property	300
Arrests for crimes against public order	1,264
	<hr/>
Number held for trial	1,771

Miscellaneous Reports.

Buildings found open and secured	552
Defective streets reported	483
Obstructions in streets reported	55
Larcenies reported	303
Amount of property reported stolen	\$8,635
Water pipes reported leaking	176
Number of street light reports	3,024

Police Signal Service and Ambulance Reports.

Whole number of on duty reports made by patrolmen	235,614
Whole number of runs made with wagon	999
Whole number of prisoners conveyed to station	1,132
Whole number of miles run with wagon	1,597
Whole number of telephone calls	14,044
Whole number of persons carried in ambulance	425

Official Roster of Department.

¹MELVILLE C. PARKHURST, Chief of Police.

Robert R. Perry, Captain.	Dennis Kelley, Lieutenant.
Eugene A. Carter, Lieutenant.	Charles E. Woodman, Lieutenant.
Edward McGarr, Sergeant.	George H. Carleton, Sergeant.
James M. Harmon, Sergeant.	² John A. Ray, Sergeant.
Thomas Damery, Inspector.	

PATROLMEN.

Allen, Charles W.	Howard, Ernest
Arnold, Louis F.	Howe, Hudson M.
Belzarini, Louis J.	Johnston, Charles S.
Blair, Robert T.	Johnston, William H.
Bolton, David A.	³ Jones, Frederick G.
³ Burns, Joseph J.	Keane, Edmund J.
Burns, Samuel	Kennedy, Michael T.
Carter, Edward M.	³ Kenney, William G.
Chisholm, Jotham	Lewis, Sanford S.
Crossman, Claude L.	Lynch, James M.
Cummings, John J.	McNamara, Thomas F.
Dadmun, John A.	⁵ Mulqueeney, Dennis G.
Davidson, William J.	Neylon, Denis
Davies, Edward M.	Perkins, Francis A.
Dodge, Ezra A.	Peters, George A. C.
³ Doolin, Patrick J.	Phillips, James E.
Downey, Denis	⁶ Pollard, James J.
Drew, Elmer E.	Reed, Walter
⁴ Dwyer, Joseph A.	Reick, Charles W.
Fuller, Harvey R.	Rice, George L.
Gilson, Henry Y.	Sharry, Martin
Goff, Ernest S.	Simons, Daniel G.
Googins, Frederick H.	Simons, Lemuel J.
Gott, Myron S.	Skinner, Jacob W.
Graves, Frank H.	Smith, George L.
³ Groves, Walter L.	Stevens, Charles W.
Heron, Theodore E.	Sudbey, Henry A.
Hilton, Herbert	Sutherland, William J.
³ Hopkins, Edward J.	Woodsum, Eugene A.
Hopkins, Frank C.	

RESERVE POLICE FORCE.

Dewar, Robert D.	Steeves, Clyde W.
Fitzpatrick, Augustine J.	Taylor, William E.
McCabe, Bernard	Walsh, Thomas P.
McGrath, Patrick	Young, Harry C.
Moore, Peter	

1. Retired, October 31, 1908.
2. Promoted to sergeant, November 12, 1908.
3. Promoted to patrolman, May 14, 1908.
4. " " " " November 12, 1908.
5. " " " " February 27, 1908.
6. Retired, February 27, 1908.

Respectfully submitted,

ROBERT R. PERRY,
Acting Chief of Police.

REPORT OF SEALER OF WEIGHTS AND MEASURES.

OFFICE OF SEALER OF WEIGHTS AND MEASURES, }
City Hall Annex, Somerville, January 1, 1909. }

To His Honor, the Mayor, and the Board of Aldermen:—

The following report of the sealer of weights and measures for the year 1908 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 and the Somerville Reporter in March, 1908.

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 thirty-seven scales, weights and measures were adjusted before sealing, ten scales were tagged for repairs, three of which were repaired as ordered, and the remaining seven put out of use.

Work done in weights and measures during the year 1908:—

	No. of Tests in the Office.	No. of Tests Outside of Office.	Total No. of Tests in and Outside of Office.
Number of scales sealed	271	1,291	
Number of weights sealed	163	4,009	
Number of dry measures sealed	779	1,088	
Number of tin liquid measures sealed	564	1,435	
Number of glass jars sealed	134,067	0	
Number of yard sticks sealed	4	141	
Number sealed, miscellaneous	2	0	
	<hr/>	<hr/>	
Total number of all kinds sealed	135,855	7,964	143,819
Number of scales adjusted and sealed	26	57	
Number of weights adjusted and sealed	11	32	
Number of dry measures adjusted and sealed	4	1	
Number of liquid measures adjusted and sealed	6	0	
	<hr/>	<hr/>	
Total number adjusted and sealed	47	90	137
Number of scales tagged for repairs	5	5	
Number of scales repaired as ordered	1	2	
	<hr/>	<hr/>	
Total number tagged and repaired	6	7	13
Number of scales condemned	5	4	
Number of weights condemned	0	1	
Number of dry measures condemned	11	25	
Number of liquid measures condemned	1,844	11	
Number of yard sticks condemned	0	9	
	<hr/>	<hr/>	
Total number condemned	1,860	50	1,910
	<hr/>	<hr/>	
	137,768	8,111	
	<hr/>	<hr/>	
Total number tested in and out of office			145,879
Receipts for the year 1908:—			
Appropriation	\$1,500 00		
Received fees for sealing and adjusting	460 86		
	<hr/>		\$1,960 86
Expenditures for year 1908:—			
Telephone	\$29 25		
Printing books and supplies	92 42		
Amount paid for team	230 00		
Amount paid for helper	\$316 33		
Deputy	183 33		
	<hr/>	499 66	
Salary of sealer	1,100 00		
	<hr/>		
Total expenditures			\$1,951 33
			<hr/>
Unexpended balance			\$9 53

JOHN H. DUSSEAULT,
Sealer of Weights and Measures.

REPORT OF THE CITY SOLICITOR.

Somerville, January 18, 1909.

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 1908:—

Abolition of Grade Crossings. On the petition of the mayor and aldermen for the abolition of grade crossings at Somerville avenue, a decree was entered July 7, 1908, in the superior court for Middlesex county confirming the decision of the special commission. The street is to be carried over the railroad tracks by a bridge. The work of construction is in charge of the Boston & Maine Railroad. Considerable progress has been made, and it is expected that the work will be completed this year. The expense is apportioned as follows: Fitchburg Railroad Company (Boston & Maine Railroad, lessee), sixty per cent.; Boston & Albany Railroad Company (New York Central & Hudson River Railroad Company, lessee), five per cent.; West End Street Railway Company, thirteen per cent.; commonwealth of Massachusetts, twelve per cent.; city of Somerville, ten per cent. The adjustment of land damages is in charge of the city. Twelve settlements amounting to \$31,901.91 were made prior to January 1, 1909, and a decree of the court for the re-payment of this sum to the city has already been obtained. Settlements amounting to \$13,289.74 have since been made. In every case the approval in writing by counsel for all the parties interested was first obtained.

On the petition of the mayor and aldermen for the abolition of grade crossings at Medford street, Webster avenue, Dane street, and Park street, several hearings have been held before the special commission, and a decision is expected soon. Whether a decree by the court will be made without delay is uncertain.

Lowell-Street Bridge. Decrees of the county commissioners for the construction of bridges over the railroad tracks at Lowell street have been set aside in proceedings brought by the railroad company in the supreme court. The case was taken by the city to the full bench, and the opinion of the court may be helpful as a guide for future action. Owing to the provisions of the special statute under which the branch line of the railroad was constructed, it may be necessary to secure legislation in order to carry the street over the tracks.

Cases in Court. Cases in the superior court for injuries claimed to have been received by reason of defects in public

ways were settled for \$72, \$160, \$225, \$400, \$400, and \$700, respectively. Two cases of the same nature were disposed of in the police court of Somerville and in the superior court without expense to the city, and another case, in which death resulted from the injury, was decided in favor of the city by the full bench of the supreme court after a trial before a jury in the superior court.

An action in the police court to recover a poll tax and another in the same court to enforce the provisions of the milk laws against a corporation were decided in favor of the city.

Several cases brought in the land court, involving the location of side lines of streets, have been decided in accordance with the records of the city. In one such case, after a trial in the land court, and another trial before a jury in the superior court at Lowell, an appeal has been taken to the full bench of the supreme court.

Another case tried in the land court related to the location of the boundary line between Somerville and Medford, near Boston avenue. Records covering a period of more than 150 years were searched, and many of them were presented in evidence. The city of Medford took no active part in the case, the petitioner being the owner of a certain tract of land which he claimed was wholly in Medford. In behalf of the city of Somerville, it was contended that the boundary line could not be determined in such proceedings. The trial nevertheless took place, and resulted in a decree purporting to establish the boundary line in the location claimed by the city of Somerville.

Very respectfully,

FRANK W. KAAAN,

City Solicitor.

REPORT OF THE CITY CLERK.

OFFICE OF THE CITY CLERK, }
January 1, 1909. }

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

Gentlemen,—The following is respectfully submitted as the thirty-seventh annual report of the city clerk of the city of Somerville, and is for the year ending December 31, 1908:—

The receipts and payments were as follows:—

Receipts.

Balance from year 1907, being for dog licenses issued in December, 1907:—			
2 males at \$2.00	\$4 00		
1 female at \$5.00	5 00		
1 spayed at \$2.00	2 00		
		\$11 00	
Less city clerk's fees paid to the city treasurer in December, 1907, 4 at \$.20,		80	
			\$10 20
For dog licenses issued in 1908:—			
1,459 males at \$2.00	\$2,918 00		
278 females at \$5.00	1,390 00		
94 spayed at \$2.00	188 00		
3 breeders' licenses at \$25.00	75 00		
			\$4,571 00
Recording mortgages, assignments, etc., 830 papers	\$515 25		
Certificates of marriage intentions, 113 at \$.50 and 634 at \$1.00	690 50		
Furnishing copies of records	102 00		
Licenses:—			
Amusements, 106 licenses for 447 performances at \$1.00	447 00		
Auctioneers, 24 at \$2.00	48 00		
Billiard and pool tables and bowling alleys, 19 licenses for 44 tables and 6 alleys, at \$2.00	100 00		
Drivers, 19 at \$1.00	19 00		
Fireworks, 52 at \$1.00	52 00		
Hackney carriages, 24 licenses for 11 persons at \$1.00 for each carriage	24 00		
Intelligence offices, 8 at \$2.00	16 00		
Collect junk, 27 at \$10.00	\$270 00		
2 refused and money not called for	20 00		
Junk shop, 1 at \$25.00	25 00		
		315 00	
Private detective, 1 at \$10.00	10 00		
		\$2,338 75	\$4,581 20
Amounts carried forward			

Amounts brought forward		\$2,338 75	\$4,531 20
Slaughtering, 6 at \$1.00	\$6 00		
Paid back on 1 refused in 1907	1 00		
	<hr/>	5 00	
Street musicians, 13 licenses for 26 persons at \$.50	\$13 00		
Paid back on 2 refused in 1907	2 00		
	<hr/>	11 00	
Wagons, 141 licenses for 73 persons at \$1.00 for each wagon		141 00	
Wagon stands, 2 at \$1.00	\$2 00		
1 refused and money not called for	1 00		
	<hr/>	3 00	
Permits to transport liquors, 13 at \$1.00	\$13 00		
16 refused and money not called for	16 00		
	<hr/>	\$29 00	
Paid back on 9 refused in 1907	9 00		
	<hr/>	20 00	
Recording and issuing sixth-class liquor licenses, 37 at \$1.00		37 00	
Filing certificate, 1 at \$.50		50	
Repairing and sale of junk badges		1 88	
Sale of old ballots		30	
Interest on deposits		11 02	
		<hr/>	\$2,569 45
Total receipts			<hr/> <hr/> \$7,150 65

Payments.

To Joseph O. Hayden, county treasurer, June 1 and December 1, receipts for dog licenses from December 1, 1907, to November 30, 1908, both inclusive:—			
1,458 males at \$2.00		\$2,916 00	
276 females at \$5.00		1,380 00	
95 spayed at \$2.00		190 00	
3 breeders' licenses at \$25.00		75 00	
		<hr/>	
		\$4,561 00	
Less city clerk's fees, 1,832 at \$.20		366 40	
		<hr/>	\$4,194 60
To the city treasurer, monthly:—			
City clerk's fees for issuing and recording dog licenses, 1,834 at \$.20		\$366 80	
All the receipts above specified, except for dog licenses		2,569 45	
		<hr/>	2,936 25
Total payments			<hr/> <hr/> \$7,130 85

Balance, January 1, 1909, being for dog li-		
censes issued in December, 1908:—		
3 males at \$2.00		\$6 00
3 females at \$5.00		15 00
		<hr/>
		\$21 00
Less city clerk's fees paid to the city		
treasurer, 6 at \$.20		1 20
		<hr/>
		<u>\$19 80</u>

Licenses and Permits.

Besides the licenses mentioned in the foregoing list of receipts, licenses and permits have been granted by the board of aldermen and issued without charge, as follows:—

Amusements, Somerville High School Athletic Association, ball games (fees remitted)	18
Auctioneers (to veterans of the Civil War)	4
Innholders	3
Common victuallers	63
Common victuallers, transferred to new owners	2
Drain layers	8
Drain layers, bond not filed	1
Newsboys	102
Junk collectors, to cry calling in streets	27
To cry goods in streets	47
To cry aloud to announce calling:—	
Umbrella menders	3
Umbrella mender and locksmith	1
To ring bell in streets:—	
Ice cream venders	7
Scissors sharpeners	7
Umbrella mender	1
To set up and use engines:—	
Electric motors, 25 licenses for 32 motors	32
Gas engines	4
Steam engines	2
To blast rock or stone	6
To blast rock or stone, bond not filed	2
To erect or use buildings for gasoline	7
To erect or use buildings for garages	14
To maintain projections over sidewalks:—	
Awnings	3
Barbers' poles	3
Bay windows, 1 permit for 3 windows	3
Electric signs	5
Flag	1
Flaming arc light, 1 permit for 2 lights	2
Fire escape	1
Mortar and pestle sign	1
Transfer of post and illuminated mortar sign	1
Signs	28
To set and maintain hitching posts	6
To erect derricks and guy wires	1
To construct coal chute and sidewalk hoist	1
To construct trestle for pipe line	1
To move buildings through streets	5
To move buildings through streets, bond not filed	1
To parade in streets	2
To hold open-air meetings	3

To attach wires to poles of telephone and telegraph and electric light companies	1
Addition to stable and wagon shed	1
Approval of location of stables	2
To keep lying-in hospital	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 Edison Electric Illuminating Company of Boston and The New England Telephone and Telegraph Company of Massachusetts for the erection of poles for the support of wires, and the West End Street Railway Company for track locations and electric rights 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.

1908.

Number of births reported by physicians and midwives for 1908:—

Males	849
Females	787

A canvass of the city is at present being made under the direction of the city clerk as required by section 5, chapter 29, of the Revised Laws, to ascertain the facts required for record relative to all children born therein during the year.

As the information derived from such canvass will not be available in time sufficient for its incorporation in this report, a statement in full of the births of 1908 will be given in the city clerk's report for the year 1909.

1907.

The following is a statement in full of the births for 1907:—

Number of births (exclusive of still-births) in Somerville in 1907 registered	1,747
More than previous year	39
Males	907
Females	839
Sex unknown	1
	————— 1,747
Born of American parents	633
Born of foreign parents	731
Born of American father and foreign mother	195
Born of foreign father and American mother	180
Born of American mother and father of unknown nationality	7
Born of foreign mother and father of unknown nationality	1
	————— 1,747

Number of still-births in Somerville in 1907 registered	77	
Number of births in other places in 1907 registered	218	
		2,042
Number reported by both canvasser and physician or midwife	1,427	
Number reported by canvasser alone	308	
Number reported by physician or midwife	203	
Number reported by clerk or registrar of other place and canvasser	31	
Number reported by clerk or registrar of other place and physician	15	
Number reported by clerk or registrar of other place, canvasser and physician	1	
Number reported by clerk or registrar of other place	43	
Number of still-births taken from death records	14	
		2,042
Number of cases of twins	19	
Number of cases of triplets	1	

Marriages.

Number of intention certificates issued in 1908	747	
Less than previous year	88	
Marriages registered	820	
Less than previous year	70	
Both parties American	432	
Both parties foreign	194	
American groom and foreign bride	102	
Foreign groom and American bride	92	
		820 couples
First marriage of	1,454	
Second marriage of	173	
Third marriage of	13	
		820 couples

Deaths.

(Exclusive of still-births.)

Number of deaths in Somerville in 1908	903	
Less than previous year	94	
Males	429	
Females	474	
		903
Under ten years of age	265	
10 and under 20 years of age	31	
20 and under 30 years of age	44	
30 and under 40 years of age	72	
40 and under 50 years of age	53	
50 and under 60 years of age	85	
60 and under 70 years of age	132	
70 and under 80 years of age	153	
80 and under 90 years of age	53	
90 years of age and over	10	
		903
Age of oldest person deceased	95 yrs.	
Born in Somerville	238	
Born in other places in the United States	334	
Of foreign birth	279	
Birthplace unknown	2	
		903

Number of deaths in	January	81
" " " "	February	82
" " " "	March	80
" " " "	April	68
" " " "	May	78
" " " "	June	77
" " " "	July	65
" " " "	August	75
" " " "	September	63
" " " "	October	78
" " " "	November	76
" " " "	December	80

903

The number of still-births recorded during the year was seventy. In addition to the above, 164 deaths which occurred elsewhere were recorded in Somerville, almost the entire number of persons deceased having been residents of this city.

Voting Precincts.

At the close of registration, November 18, 1908, three of the voting precincts of the city contained very nearly the legal limit of voters. Precinct one of ward five had 946, precinct one of ward six had 906, and precinct one of ward seven had 991.

Section 191 of chapter 560 of the Acts of the Legislature of Massachusetts of 1907, relating to elections, provides that if a voting precinct shall, in any year, contain more than 1,000 voters, the aldermen shall either divide such precinct into two or more voting precincts, or shall make a new division of the ward into voting precincts; so that no precinct shall contain more than 1,000 voters.

As these precincts may during the present year reach the legal limits, it would seem advisable that consideration be given to the matter of a division of the precincts or a new division of the wards.

Assessed Polls and Registered Voters.

MEN'S LISTS.

WARD.	PRECINCT.	As- sessed Polls, May 1, 1908.	REGISTERED VOTERS.							
			Nov. 20, 1907.	Re- vised Lists of July 1, 1908.	Added in Sept. and Oct., 1908.	Oct. 14, 1908.	Added in Nov., 1908.	Nov. 18, 1908.	Voted Nov. 3, 1908.	Voted Dec. 8, 1908.
Ward 1 . . .	Precinct 1 . . .	1,228	690	592	83	675	6	681	552	434
" 1 . . .	" 2 . . .	563	312	288	42	330	..	330	273	195
" 1 . . .	" 3 . . .	542	314	284	47	331	6	337	274	232
" 1 . . .	" 4 . . .	682	347	315	13	328	4	332	256	249
		3,015	1,663	1,479	185	1,664	16	1,680	1,355	1,110
Ward 2 . . .	Precinct 1 . . .	1,241	393	359	54	413	3	416	338	205
" 2 . . .	" 2 . . .	1,404	553	518	154	672	3	675	571	360
" 2 . . .	" 3 . . .	852	371	316	53	369	2	371	309	223
		3,497	1,317	1,193	261	1,454	8	1,462	1,218	788
Ward 3 . . .	Precinct 1 . . .	1,022	723	652	85	737	8	745	618	417
" 3 . . .	" 2 . . .	1,215	784	698	69	767	7	774	660	488
		2,237	1,507	1,350	154	1,504	15	1,519	1,278	905
Ward 4 . . .	Precinct 1 . . .	1,320	767	708	147	855	5	860	731	449
" 4 . . .	" 2 . . .	946	558	525	127	652	4	656	583	378
		2,266	1,325	1,233	274	1,507	9	1,516	1,314	827
Ward 5 . . .	Precinct 1 . . .	1,356	863	795	149	944	2	946	834	467
" 5 . . .	" 2 . . .	698	410	389	59	448	2	450	386	230
" 5 . . .	" 3 . . .	937	496	459	127	586	7	593	518	339
		2,991	1,769	1,643	335	1,978	11	1,989	1,738	1,036
Ward 6 . . .	Precinct 1 . . .	1,603	839	755	133	888	18	906	771	505
" 6 . . .	" 2 . . .	1,218	691	625	145	770	6	776	681	373
" 6 . . .	" 3 . . .	1,036	644	571	146	717	5	722	640	372
		3,857	2,174	1,951	424	2,375	29	2,404	2,092	1,250
Ward 7 . . .	Precinct 1 . . .	1,506	805	769	219	988	3	991	875	445
" 7 . . .	" 2 . . .	924	486	452	129	581	3	584	518	327
" 7 . . .	" 3 . . .	971	512	478	150	628	4	632	548	343
		3,401	1,803	1,699	498	2,197	10	2,207	1,941	1,115
City . . .	. . . . .	21,264	11,558	10,548	2,131	12,679	98	12,777	10,936	7,031

WOMEN'S VOTING LISTS.

WARD.	PRECINCT.	Nov. 20, 1907.	Revised Lists of July 1, 1908.	Added in Sept. and Oct., 1908.	October 14, 1908.	Added in Nov., 1908.	Nov. 13, 1908.	Voted December 8, 1908.
Ward 1	Precinct 1 .	23	18	..	18	5	23	2
" 1	" 2 .	3	2	..	2	2	4	1
" 1	" 3 .	11	9	..	9	..	9	..
" 1	" 4 .	29	26	..	26	..	26	..
		66	55	..	55	7	62	3
Ward 2	Precinct 1 .	4	4	..	4	..	4	..
" 2	" 2 .	5	5	..	5	..	5	..
" 2	" 3 .	1	1	..	1	..	1	..
		10	10	..	10	..	10	..
Ward 3	Precinct 1 .	25	25	..	25	9	34	5
" 3	" 2 .	45	38	..	38	8	46	8
		70	63	..	63	17	80	13
Ward 4	Precinct 1 .	17	16	..	16	2	18	1
" 4	" 2 .	19	16	..	16	1	17	2
		36	32	..	32	3	35	3
Ward 5	Precinct 1 .	37	36	..	36	1	37	3
" 5	" 2 .	8	7	..	7	2	9	..
" 5	" 3 .	11	11	..	11	..	11	1
		56	54	..	54	3	57	4
Ward 6	Precinct 1 .	35	34	..	34	26	60	48
" 6	" 2 .	16	11	..	11	2	13	11
" 6	" 3 .	3	1	..	1	1	2	2
		54	46	..	46	29	75	61
Ward 7	Precinct 1 .	84	68	..	68	4	72	14
" 7	" 2 .	67	60	..	60	4	64	15
" 7	" 3 .	44	35	..	35	3	38	4
		195	163	..	163	11	174	33
City . . . .	. . . . .	487	423	..	423	70	493	117

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 3, 1908:—

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
PRESIDENTIAL ELECTORS.									
Richard Olney, James E. Cotter,	} Democratic,	455	738	227	213	401	464	262	2,760
Hervey S. Cowell, John M. Fisher,	} Prohibition,	12	3	47	20	15	18	25	140
Patrick Mahoney, Eliot White,	} Socialist,	29	24	17	23	27	40	41	201
Thomas F. Brennan, Herman Koepke,	} Socialist Labor,	1	2	4	....	1	5	....	13
Michael C. O'Neill, William F. Aiken,	} Independence League,	41	38	47	50	56	63	86	381
John L. Bates, August H. Goetting,	} Republican,	794	378	927	987	1,213	1,457	1,508	7,264
Blank,		23	35	9	21	25	45	19	177
GOVERNOR.									
James F. Carey,	Socialist,	27	18	18	20	29	46	49	207
Eben S. Draper,	Republican,	614	298	842	882	1,057	1,247	1,367	6,307
Walter J. Hoar,	Socialist Labor,	12	7	3	1	6	9	4	42
William N. Osgood,	Ind. League,	74	57	66	81	104	123	134	639
James H. Vahey,	Democratic,	522	734	275	234	435	529	280	3,009
Willard O. Wylie,	Prohibition,	13	7	18	25	24	35	32	154
Blank,		93	97	56	71	83	103	75	578
LIEUTENANT-GOVERNOR.									
Charles J. Barton,	Democratic,	410	625	231	175	356	384	216	2,397
Joao Claudino,	Socialist Labor,	2	13	3	3	5	13	9	48
Louis A. Frothingham,	Republican,	689	342	868	937	1,106	1,360	1,373	6,675
John Hall, Jr.,	Socialist,	27	14	18	19	26	41	91	236
Robert J. McCartney,	Ind. League,	49	45	52	54	70	83	91	444
Frank N. Rand,	Prohibition,	15	2	22	18	22	28	37	144
John W. Cole,		....	....	1	....	....	....	....	1
Robert L. Luce,		....	....	1	....	....	....	....	1
Blank,		163	177	82	108	153	183	124	990
SECRETARY.									
James F. Aylward,	Democratic,	349	624	199	145	307	355	191	2,170
Herbert B. Griffin,	Prohibition,	14	5	16	21	20	22	37	135
George Nelson,	Socialist Labor,	5	9	11	7	5	12	8	57
William M. Olin,	Republican,	709	324	871	916	1,122	1,345	1,455	6,742
Squire E. Putney,	Socialist,	32	24	26	23	33	50	43	231
John F. Williams,	Ind. League,	31	33	42	42	62	58	69	337
Blank,		215	199	113	160	189	250	138	1,264

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
TREASURER AND RECEIVER-GENERAL.									
Charles E. Butterworth,	Ind. League,	50	51	63	60	93	101	110	528
Arthur B. Chapin,	Republican,	719	326	875	918	1,128	1,349	1,439	6,754
Henry C. Hess,	Socialist Labor,	6	5	1	3	3	12	13	43
Charles C. Hitchcock,	Socialist,	32	17	22	18	27	39	40	195
Edward Kendall,	Prohibition,	13	8	16	18	55	33	29	172
Erwin H. Kennedy,	Democratic,	313	583	179	129	235	287	151	1,877
Blank,		222	228	122	168	197	271	159	1,367
AUDITOR.									
Frank Bohmbach,	Socialist Labor,	4	8	29	....	3	9	5	58
John E. Dempsey,	Ind. League,	34	45	10	41	67	66	74	337
George G. Hall,	Socialist,	29	26	22	21	27	40	45	210
Wilbur D. Moon,	Prohibition,	28	8	20	28	21	32	37	174
Henry E. Turner,	Republican,	717	339	882	924	1,126	1,366	1,445	6,799
Simeon Viger,	Democratic,	273	539	173	129	257	280	153	1,804
J. Harvey White,		....	....	....	....	1	....	....	1
Blank,		270	253	142	171	236	299	182	1,553
ATTORNEY-GENERAL.									
Henry M. Dean,	Prohibition,	18	8	26	22	27	30	45	176
Elliot C. Harding,	Socialist Labor,	8	6	13	5	41	18	53	144
Dana Malone,	Republican,	685	325	848	895	1,060	1,329	1,388	6,521
John McCarty,	Socialist,	34	23	20	19	32	39	41	208
Richard J. Talbot,	Ind. League,	80	38	45	54	68	73	73	431
John Alden Thayer,	Democratic,	292	594	201	156	304	340	177	2,064
Blank,		238	224	125	163	206	272	164	1,392
REPRESENTATIVE IN CONGRESS.									
Frederick S. Deitrick,	Democratic,	357	596	172	123	279	332	191	2,050
George W. Jennings,	Ind. League,	72	53	64	82	102	111	115	599
Samuel W. McCall,	Republican,	741	378	929	957	1,174	1,400	1,489	7,068
Charles C. Blaisdell, Sr.		....	....	....	....	....	1	....	1
Frank E. Dickerman,		....	....	....	....	....	1	....	1
Blank,		185	191	113	152	183	247	146	1,217
COUNCILLOR.									
Walter S. Glidden,	Republican,	797	453	916	936	1,139	1,429	1,490	7,160
Thomas Hooper,	Ind. League,	160	193	137	143	237	212	203	1,285
Francis Q. Harrington,		....	....	....	....	1	....	....	1
Blank,		398	572	225	235	361	451	248	2,490
SENATOR.									
William H. Flynn,	Democratic,	382	634	218	150	311	347	196	2,238
George E. Gookin, 2nd,	Ind. League,	58	53	61	73	98	116	122	581
Elmer A. Stevens,	Republican,	729	325	870	918	1,122	1,355	1,446	6,765
Blank,		186	206	129	173	207	274	177	1,352
REPRESENTATIVES, 25TH DIST. (3)									
William M. Armstrong,	Republican,	722	....	916	882	1,074	....	....	3,594
Thomas F. Buckley,	Democratic,	323	....	171	133	299	....	....	926
Grover A. Cleveland,	Ind. League,	73	....	56	77	107	....	....	313

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
Henry T. Gallishaw,	Democratic,	290	....	147	116	251	....	....	804
Sidney B. Keene,	Republican,	619	....	793	834	988	....	....	3,234
Albert Michaud,	Ind. League,	46	....	36	55	72	....	....	209
Herbert W. Snow,	Ind. League,	62	....	74	92	105	....	....	333
Charles L. Underhill,	Republican,	636	....	794	820	1,002	....	....	3,252
Frederick J. White,	Democratic,	330	....	224	145	283	....	....	982
Blank,		964	....	623	788	1,033	....	....	3,408
REPRESENTATIVES, 26TH DIST. (3)									
Charles V. Blanchard,	Republican,	....	340	....	....	....	1,322	1,426	3,088
Alvah E. Dearborn,	Democratic,	....	548	....	....	....	278	179	1,005
Robert W. Houley,	Democratic,	....	555	....	....	....	263	142	960
Christopher Muldoon, Jr.	Democratic,	....	532	....	....	....	234	125	891
Irving W. Rametti,	Ind. League,	....	43	....	....	....	80	95	218
Stephen E. Simmons,	Ind. League,	....	46	....	....	....	109	111	266
John F. Thompson,	Republican,	....	342	....	....	....	1,453	1,343	3,138
William L. Waugh,	Republican,	....	291	....	....	....	1,236	1,334	2,861
William Weir,	Ind. League,	....	49	....	....	....	104	157	310
Blank,		....	908	....	....	....	1,197	911	3,016
COUNTY COMMISSIONER.									
Edward Gallagher,	Democratic,	318	554	171	120	266	305	154	1,888
Levi S. Gould,	Republican,	655	294	826	847	1,036	1,269	1,313	6,240
Charles F. Walcott,	Ind. League,	52	43	59	71	85	100	110	520
Blank,		330	327	222	276	351	418	364	2,288
COUNTY COMMISSIONER (To fill vacancy).									
George R. Duren,	Democratic,	307	537	167	119	268	291	150	1,839
Andrew W. Jones,	Ind. League,	53	56	60	77	86	100	119	551
Charles H. Richardson,	Republican,	659	293	828	827	1,018	1,266	1,306	6,197
Blank,		336	332	223	291	366	435	366	2,349
REGISTER OF PROBATE AND INSOLVENCY.									
John F. Holland,	Democratic,	313	550	174	127	272	305	156	1,897
William E. Rogers,	Republican,	633	305	834	823	1,023	1,273	1,314	6,205
Roswell C. Ross,	Ind. League,	81	43	53	73	89	89	110	538
Blank,		328	320	217	291	354	425	361	2,296
ASSOCIATE COMMISSIONER (To fill vacancy).									
James F. McCarthy, Jr.	Democratic,	321	561	180	124	271	302	154	1,913
Alfred W. Parnell,	Ind. League,	81	38	48	65	79	96	142	549
Frank A. Patch,	Republican,	625	300	826	830	1,024	1,263	1,275	6,143
Blank,		328	319	224	295	364	431	370	2,331

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 question of granting licenses for the sale of intoxicating liquors in this city, at the city election held December 8, 1908:—

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
MAYOR.									
Joseph Cummings,	{ Democratic, Non- Partisan,	237	308	179	92	117	98	47	1,078
John F. Foster,	{ Republican Ind. Citizens Nom. Paper,	223	153	195	229	336	313	462	1,911
Clayton S. Hunt,	Socialist Citizens,	30	8	9	12	13	16	14	102
John M. Woods,	Republican,	577	306	504	472	533	806	580	3,778
Jessie Newcomb,		....	....	....	....	1	....	....	1
Donal M Lean,		....	....	....	....	1	....	....	1
Newcomb,		....	....	....	....	....	1	....	1
Blank,		43	13	18	22	35	16	12	159
ALDERMAN-AT-LARGE, WARD 1.									
John W. Concannon,	Democratic,	377	361	131	126	212	170	94	1,471
Leslie E. A. Smith,	Republican,	584	250	646	590	684	870	836	4,460
Blank,		149	177	128	111	140	210	185	1,100
ALDERMAN-AT-LARGE, WARD 2.									
John F. Elkins,	Democratic,	301	364	137	105	193	180	90	1,370
Nicholas H. Flynn,	Socialist Citizens,	30	27	66	18	29	34	21	225
Paul R. Valentine,	Republican,	513	323	575	580	658	812	815	4,276
Blank,		266	74	127	124	156	224	189	1,160
ALDERMAN-AT-LARGE, WARD 3.									
John D. Rusden,	Socialist Citizens,	81	93	50	38	69	61	49	441
Clarence A. Smith,	Republican,	597	299	715	618	712	875	839	4,655
Blank,		432	396	140	171	255	314	227	1,935
ALDERMAN-AT-LARGE, WARD 4.									
Orton D. Field,	Socialist Citizens,	36	18	24	28	28	30	31	195
Geo. A. Glidden,	Democratic,	246	313	116	118	172	144	71	1,180
Amos W. Shepard,	Republican,	529	249	619	607	666	820	806	4,296
Blank,		299	208	146	74	170	256	207	1,360
ALDERMAN-AT-LARGE, WARD 5.									
Benjamin R. Atwood,	Democratic,	250	315	107	89	187	157	70	1,175
Charles A. Burns,	Republican,	521	236	621	574	736	801	796	4,285
Lewis N. Gilman,	Socialist Citizens,	39	24	30	28	34	42	38	235
Blank,		300	213	147	136	79	250	211	1,336
ALDERMAN-AT-LARGE, WARD 6.									
Charles W. Eldridge,	Republican,	526	249	608	587	672	898	795	4,335
Henry Lloyd,	Democratic,	233	291	105	78	156	147	75	1,085
Squire E. Putney,	Socialist Citizens,	34	26	35	26	41	46	42	250
Blank,		317	222	157	136	167	159	203	1,361
ALDERMAN-AT-LARGE, WARD 7.									
Robert M. Lavender,	Republican,	533	291	629	579	680	837	896	4,445
Richard Pigott,	Socialist Citizens,	87	88	48	52	82	67	61	485
Blank,		490	409	228	196	274	346	158	2,101

CANDIDATE.	PARTY.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
WARD ALDERMEN (2) WARD 1.									
John Diggins,	{ Democratic,	502	....	....	....	....	....	....	502
Fred E. Hanley,	{ Ind. Citizens,	510	....	....	....	....	....	....	510
Timothy J. Lyons,	Republican,	272	....	....	....	....	....	....	272
William H. Smith,	Democratic,	550	....	....	....	....	....	....	550
Blank,	Republican,	384	....	....	....	....	....	....	384
WARD ALDERMEN (2) WARD 2.									
Joseph A. Haley,	Democratic,	....	481	....	....	....	....	....	481
Philip Koen,	Democratic,	....	482	....	....	....	....	....	482
John F. Malone, Jr.	....	....	1	....	....	....	....	....	1
Blank,	....	....	612	....	....	....	....	....	612
WARD ALDERMEN (2) WARD 3.									
Charles W. Boyer,	Republican,	....	....	632	....	....	....	....	632
William E. Copithorne,	Republican,	....	....	698	....	....	....	....	698
Charles D. Elliot,	....	....	....	5	....	....	....	....	5
Blank,	....	....	....	475	....	....	....	....	475
WARD ALDERMEN (2) WARD 4.									
William H. Cartright,	Democratic,	....	....	....	98	....	....	....	98
Harry T. Gallishaw,	Democratic,	....	....	....	108	....	....	....	108
William P. Jones,	Republican,	....	....	....	555	....	....	....	555
Ray R. Rideout,	Republican,	....	....	....	542	....	....	....	542
Blank,	....	....	....	....	351	....	....	....	351
WARD ALDERMEN (2) WARD 5.									
Benjamin R. Atwood,	Democratic,	....	....	....	....	177	....	....	177
Gerald A. Gardner,	Democratic,	....	....	....	....	663	....	....	663
Edward A. Mahoney,	Democratic,	....	....	....	....	160	....	....	160
Alphonso A. Wyman,	Republican,	....	....	....	....	658	....	....	658
Frank A. Lavelle,	....	....	....	....	....	3	....	....	3
Blank,	....	....	....	....	....	411	....	....	411
WARD ALDERMEN (2) WARD 6.									
Oscar H. Belding,	Republican,	....	....	....	....	....	814	....	814
John F. Burke,	Democratic,	....	....	....	....	....	162	....	162
Bernard J. Sheridan,	Democratic,	....	....	....	....	....	164	....	164
Edgar A. Smith,	Republican,	....	....	....	....	....	866	....	866
Blank,	....	....	....	....	....	....	494	....	494
WARD ALDERMEN (2) WARD 7.									
Jesse E. Perry,	Republican,	....	....	....	....	....	....	843	843
Ralph M. Smith,	Republican,	....	....	....	....	....	....	799	799
Robert A. Miner,	....	....	....	....	....	....	....	1	1
Hiram W. Dearborn,	....	....	....	....	....	....	....	1	1
Blank,	....	....	....	....	....	....	....	586	586
SCHOOL COMMITTEE (2yrs.) WARD 1.									
Emory F. Chaffee,	Republican,	677	....	....	....	....	....	....	677
Blank,	....	435	....	....	....	....	....	....	435
SCHOOL COMMITTEE (2yrs.) WARD 2.									
Herbert C. Bucknam,	Republican,	....	230	....	....	....	....	....	230
Thomas M. Clancy,	Democratic,	....	419	....	....	....	....	....	419
Blank,	....	....	139	....	....	....	....	....	139

CANDIDATE.	Party.	WARDS.							TOTAL.
		1	2	3	4	5	6	7	
SCHOOL COMMITTEE (2 yrs.) WARD 3.									
Wilbur S. Clarke,	Republican,	....	....	589	....	....	....	....	589
Frederick J. White,	Democratic,	....	....	209	....	....	....	....	209
Duane T. Whitney,	Socialist Citizens,	....	....	33	....	....	....	....	33
Leila C. Pennock,		....	....	8	....	....	....	....	8
Blank,		....	....	79	....	....	....	....	79
SCHOOL COMMITTEE (2 yrs.) WARD 4.									
George W. Foster,	Republican,	....	....	....	670	....	....	....	670
Blank,		....	....	....	160	....	....	....	160
SCHOOL COMMITTEE (2 yrs.) WARD 5.									
John L. Mulholland,	Socialist Citizens,	....	....	....	....	80	....	....	80
J. Walter Sanborn,	Republican,	....	....	....	....	777	....	....	777
P. H. Ryan,		....	....	....	....	1	....	....	1
Blank,		....	....	....	....	182	....	....	182
SCHOOL COMMITTEE (2 yrs.) WARD 6.									
Mary R. Brewer,	Citizens Nom.	....	....	....	....	....	609	....	609
Leonard H. Pote,	Republican,	....	....	....	....	....	640	....	640
Blank,		....	....	....	....	....	62	....	62
SCHOOL COMMITTEE (2 yrs.) WARD 7.									
Henrietta B. H. Attwood,	{ Republican,	....	....	....	....	....	....	868	868
Inez M. Chase,	{ Democratic,	....	....	....	....	....	....	2	2
Blank,		....	....	....	....	....	....	278	278
SHALL LICENSES BE GRANTED FOR THE SALE OF INTOXICAT- ING LIQUORS IN THIS CITY?									
Number of "Yes" votes,		362	429	194	125	231	279	160	1,780
Number of "No" votes,		627	281	658	652	746	904	892	4,760
Blank,		121	78	53	50	59	67	63	491

Liquor License Question.

The following is a 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, together with the number of registered voters and the estimated population for each year:—

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
1906	2,193	5,204	582	11,571	70,000
1907	1,735	4,591	459	11,558	74,000
1908	1,780	4,760	491	12,777	75,500

* Census.

ORDINANCES.

Somerville, January 1, 1909.

The following ordinances have been adopted since the printing of the annual reports for the year 1907:—

No. 69.

An Ordinance to Regulate the Rate of Speed of Automobiles or Motor Cycles on Davis Square and Streets Adjacent Thereto.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall permit or cause an automobile or motor cycle to go at a greater rate of speed than eight miles an hour on the portions of streets in this city as specified below:—

Highland avenue from Grove street to Davis square,
Elm street from Grove street to Davis square,
Day street from the Cambridge line to Davis square,
Dover street from the Cambridge line to Davis square,
Holland street from Wallace street to Davis square,
College avenue from Broadway to Davis square and
Davis square.

Section 2. Any person violating the provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage, and shall be effective upon publication in any newspaper published in this city.

Approved April 10, 1908.

No. 70.

An Ordinance in Relation to the Sale and Use of Sky Rockets and Roman Candles.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall sell, expose for sale, give away, use or discharge a sky rocket or Roman candle without the permission of the mayor.

Section 2. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage.

Approved June 12, 1908.

No. 71.

An Ordinance in Relation to the Setting of Fires.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall set fire to leaves or other material in any street or other public place.

Section 2. No person shall set fire in the open air to leaves or any other material in any dumping place or on private land or elsewhere.

Section 3. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 4. This ordinance shall take effect upon its passage.

Approved June 26, 1908.

No. 72.

An Ordinance Relating to Dealers in Junk.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section 2 of Chapter 26 of the Revised Ordinances of 1900 is hereby amended by adding thereto the following: No person licensed under the provisions of this chapter shall keep or store junk, old metals, rags or second-hand articles in any shop or place other than that designated in his license. No more than one license shall be granted for the same shop or place. Everything kept or stored on the premises shall at all times be completely and securely covered to the satisfaction of the Chief of Police.

Section 2. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage.

Approved June 26, 1908.

FREDERIC W. COOK,
City Clerk.

JURY LIST OF THE CITY OF SOMERVILLE.

Prepared by the Registrars of Voters, June 29, 1908, under Chapter 348 of the Acts of the Legislature for the year 1907.

A

Abbott, Alonzo F., 8 Concord avenue, Shipper.
Ackerman, Herman E., 14 Bay State avenue, Shoe jobber.
Adams, Arthur E., 74 Bay State ave., Head bookkeeper.
Adams, Charles M., 22 Highland road, Insurance adjuster.
Adams, Charles S., 9 Holyoke road, Traveling salesman.
Adcock, John H., 205 Highland avenue, Plumber.
Ainsworth, Fred W., 390-A Highland ave., Broker, R. E.
Alexander, Harrison B., 383 Medford street, Brakeman.
Allen, Arthur S., 46 Wheatland street, Jeweler.
Allen, George H., 29 Rogers avenue, Real estate dealer.
Allen, J. Edward, 51 Meacham road, Manager.
Alletzhauer, Frederick, 9 Wheatland street, Jeweler.
Allison, James W., 95 Mt. Vernon street, Carpenter.
Alls, Charles E., 118 Cedar street, Optician.
Amee, Albert F., 17 Russell street, Stationer.
Anderson, Guy R., 52 Glen street, Salesman.
Anderton, Walter E., 87 Highland road, Clerk.
Andrews, Francis H., 27 Knowlton street, Brakeman.
Andrews, Horace W., 172 Broadway, Builder.
Andrews, John, 34 Albion street, Agent.
Appel, Charles A., 45 Willow avenue, Office manager.
Appley, Josiah H., 40 Brastow avenue, Gas fitter.
Armstrong, David B., 25 Lincoln avenue, Plumber.
Arnold, E. Olney, 56 School street, Carpet cleaner.
Arrington, William F., 37 Walnut street, Proof reader.
Ashton, Albert C., 33 Columbus avenue, Treasurer.
Ashworth, Fred N., 104 Cross street, Manufacturer.
Atkins, Henry M., 41 Bay State avenue, Messenger.
Atkinson, Thomas, 69 Highland road, Insurance supt.
Attwood, J. Lorenzo, 12 Park avenue, Bookkeeper.
Atwater, George W., 1 Avon street, Foreman.
Atwood, Horace F., 38 Windsor road, Accountant.
Austin, Fred C., 114 Josephine avenue, Compositor.
Avery, J. Edward, 55 Derby street, Clerk.
Ayer, Fred C., 157 Highland avenue, Lumber dealer.
Aylward, William P., 5 Cameron avenue, Grocer.

B

Babb, Nathaniel F., 193 School street, Salesman.
Babcock, Cyrus W., 23 Chandler street, Box maker.
Bacon, Fred C., 78 Marshall st., Gents' furnishings dealer.
Baier, Fred J., 7 Shawmut place, Electrician.
Baird, James E., 454-A Medford street, Milk dealer.
Baker, Charles T., 93 Munroe street, Upholsterer.
Baker, Jacob, 38 Pritchard avenue, Paperhanger.
Baker, Nicholas, 9 Bedford street, Cooper.
Baldwin, Edwin C., 83 Curtis street, Bookkeeper.

Ballou, George A., 49 School street, Baker.
Bancroft, Edward A., 31 School street, Barrel dealer.
Barber, William L., 36 Marshall street, Clerk.
Barber, William M., 82 Munroe street, Inventor.
Barker, Albert H., 10 Cherry street, Butter dealer.
Barker, Edgar C., 12 Ellsworth street, Manager.
Barker, James A., 140 School street, Clerk.
Barnard, Alexander G., 209 Willow avenue, Messenger.
Barnes, Edmund K., 77 Lexington avenue, Druggist.
Barnes, Frank, 24 Milton street, Box manufacturer.
Baron, Benjamin F., 7 Quincy street, Machinist.
Barr, George S., 27 Electric avenue, Salesman.
Barstow, William N., 37 Francesca avenue, Salesman.
Bartlett, George E., 5 North Union street, Machinist.
Barton, George S., 18 Dana street, Designer.
Batchelder, George W., 20 Madison street, Foreman.
Bateman, Charles R., 1228 Broadway, Driver.
Bateman, Louis O., 72 Highland road, Shoe clerk.
Bates, Roscoe E., 34 Jay street, Engineer.
Baxter, Charles H., Jr., 1 Thurston street, Clerk.
Bean, Gerard D., 136 Lowell street, Bookkeeper.
Bean, John D., 3 Lincoln street, Teamster.
Beaudet, Edward P., 1 Chester avenue, Clerk.
Beckley, Henry F., 221 Morrison avenue, Salesman.
Beckman, Frank W., 36 Stone avenue, Clerk.
Belcher, Albert W., 57 Highland rd., Traveling salesman.
Belden, Lawrence A., 40 School st., Gents' fur. dealer.
Belding, Oscar H., 182 Highland avenue, Builder.
Bell, Charles A., 53 Avon street, Brush maker.
Bellows, George M., 611 Broadway, Piano salesman.
Belt, Robert M., 51 Curtis street, Superintendent.
Bennett, Daniel J., 37 Stone avenue, Harness maker.
Bennett, George H., 15 Pritchard avenue, Machinist.
Bennett, Herbert E., 11 Charnwood road, Heating eng.
Bent, J. Fletcher, 51 Hall avenue, Clerk.
Bentley, George W., 19 Adams street, Com. merchant.
Benway, Charles H., 66 Fremont st., Real estate agent.
Benwell, Harry A., 103 Hancock street, Stenographer.
Berglund, John E., 53 Dickinson street, Machinist.
Berry, Andrew C., 6 Centre street, Engraver.
Berry, Arthur W., 53 Hudson street, Builder.
Berton, John F., 154 Morrison avenue, Painter.
Bertwell, Henry P., 20 Cameron avenue, Conductor.
Beverly, Charles H., 204 School street, Clerk.
Bigley, William J., 157 College avenue, Merchant.
Billings, George A., 75 Willow avenue, Collector.
Bishop, Thomas J., 70 Flint street, Expressman.
Bishop, William F., 20 Wheeler street, Bookkeeper.
Blair, John H., 54 Gilman street, Bookkeeper.
Blake, Charles S., 19 Banks street, Jeweler.
Blake, Frank R., 21 Derby street, Machinist.
Blanchard, C. Frederick, 2 Curtis ave., Real estate agent.
Bliss, Winthrop R., 66 Putnam st., Life insurance agent.
Blondell, Richard A. L., 82 Pearson avenue, Foreman.
Bolton, Harry P., 10 Crescent street, Expressman.
Bond, Percy C., 18 Summit avenue, Builder.
Boodry, George R., 26 Josephine avenue, Stereotyper.
Booth, William G., 51 College avenue, Designer.
Bossey, Thomas F., 111 Elm street, No occupation.
Bosworth, James D., 9 Teele avenue, Electrician.
Bosworth, William H., 10 Powder House ter., Adv. mgr.

Boulter, Joseph B., 11 Bigelow street, Foreman.
Bourne, Phillips P., 191 Summer street, Engineer.
Boutillier, Ernest G., 41 Ash avenue, Clerk.
Bowdren, Michael J., 39 Maple street, Nurse.
Bowker, Frank P., 31 Avon street, Clerk.
Bowlby, James L., 3 Harvard place, Teamster.
Bowman, F. Elmore, 65 Pearson avenue, Optician.
Boyce, Joseph P., 78 Liberty avenue, Cigar dealer.
Boyd, Everett W., 147 Powder House boul., Salesman.
Boyer, Charles W., 50 Highland avenue, Draughtsman.
Boyer, George R., 29 Wigglesworth street, Builder.
Brack, Frederick, 33 Cambria street, Insurance agent.
Brackett, Harry E., 6 Campbell Pk. pl., Carriage salesman.
Bradbury, John J., 52 Adams street, Wholesale provisions.
Bradley, Daniel A., 67 Beacon street, Piano finisher.
Brady, George E., 318 Somerville avenue, Confectioner.
Branagan, James, 62 Dane street, Produce dealer.
Brastow, George K., 162 Summer street, Clerk.
Braxton, Robert S., 38 Glen street, Teamster.
Breck, Walter W., 79 Thurston street, Bookkeeper.
Bremner, John A., 49 Bow street, Picture frame mfr.
Brewer, George C., 170 Summer street, Cigar salesman.
Bridges, Allie C., 17 Glendale avenue, Electrician.
Briggs, J. Albion, 59 Vinal avenue, Real estate agent.
Brigham, Edmond F., 10 Cherry st., Furniture salesman.
Brigham, Walter J., 37 Charnwood road, Collector.
Brine, Charles F., 36 Columbus avenue, Tailor.
Brine, Henry C., 21 Greene street, Dry goods dealer.
Broadhead, William H., 86 School street, Locksmith.
Brock, John F., 9 Ossipee road, Produce dealer.
Brodil, William A., 277-A Highland avenue, Tailor.
Brown, Burton S., 706 Broadway, Bookkeeper.
Brown, C. Leonard, 38 Wallace street, Civil engineer.
Brown, Duncan, 23 Cedar street, Printer.
Brown, Fred R., 258 Broadway, Expressman.
Brown, George E., 14 Grand View avenue, Salesman.
Brown, Linwood G., 4 Taunton street, Carpenter.
Brown, Lyman H., 42 Columbus ave., Livery stable kpr.
Brown, William C., 26 Central street, Builder.
Brown, William I., 67 Boston street, Treasurer.
Brownlee, Edward J., 34 Ash avenue, Shipper.
Brownville, Edwin A., 20 Hall street, Shipper.
Bruneau, Eugene, 4 Putnam street, Photographer.
Bryant, Oliver S., 144 Medford street, Weigher.
Buchert, L. Philip, 42 Victoria street, Superintendent.
Bucknam, William E., Jr., 99 Hudson street, Mason.
Buffum, Charles F., 21 Hudson street, Cutter.
Bullard, Elijah C., 243-A Highland ave., Superintendent.
Bullard, Walter H., 22 Stickney avenue, Grocer.
Burbank, Ernest W., 93 Hudson street, Yard master.
Burbank, Monroe A., 9 Autumn street, Butter dealer.
Burckes, Arthur L., 20 Sargent avenue, Clerk.
Burgess, Sterns W., 36 Rogers avenue, Electrician.
Burgess, William H., 38 Cambria street, Bond salesman.
Burke, James E., 41 Derby street, Com. merchant.
Burnham, Arthur W., 66 Rogers avenue, Bookkeeper.
Burns, Paul S., 53 Willow avenue, Insurance clerk.
Burroughs, Edwin F., 24 Park avenue, Clerk.
Burrows, Joseph C., 18 Gibbens street, Dentist.
Burtnett, Eugene A. F., 39 Ware street, Bookkeeper.
Burton, Walter, 2 Homer square, Artist.

Butler, Hervey L., 103 Bartlett street, Jeweler.
 Butler, James A., 162 Lowell street, Real estate agent.
 Butters, Charles S., 51 Church street, Provision dealer.
 Butters, Harold A., 48 Putnam street, Salesman.
 Butterworth, Charles E., 122 Holland street, Bookkeeper
 Butterworth, Elwell R., 44 Benton road, Manager.
 Buttimer, Maurice, 351 Lowell street, Contractor.
 Buzzell, James H., 261 Willow ave., Stenog. and clerk.
 Byrns, Ernest H., 67 Walnut street, Photographer.

C

Cade, Harry F., 14 Cottage avenue, Musician.
 Cadwallader, Thomas J., 3 Lawson terrace, Clerk.
 Cahalan, Charles W., 89 Heath street, Master plumber.
 Cahoon, Benjamin B., 46 Mystic avenue, Telephone mgr.
 Callaghan, Thomas J., 39 Poplar street, Yard master.
 Callow, John R., 42 Concord avenue, Car inspector.
 Cameron, George B., 170 Powder House boul., Carpenter.
 Cameron, John L., 343 Highland avenue, Printer.
 Campbell, Henry F., 414 Medford street, Advertising mgr.
 Campbell, William J., 19 Putnam street, Machinist.
 Cann, Albert T., 38 Craigie street, Provision dealer.
 Cannon, Joseph J., 25 Shawmut street, Salesman.
 Card, Frederick L., 243 Pearl street, Provision dealer.
 Carey, Alfred E., 19 Newbury street, Carriage painter.
 Carlton, Fred I., 100 Porter street, Pattern maker.
 Carmody, Eugene M., 383 Medford street, Salesman.
 Carney, John M., 12 Windsor road, Stenographer.
 Carpenter, Adelbert B., 58 Central st., Butter salesman.
 Carpenter, Albert Q., 7 Sargent avenue, Salesman.
 Carpenter, Allen F., 22 Laurel street, Grocer.
 Carpenter, George O., 62 Highland avenue, Salesman.
 Carr, Charles H., 97 Rogers avenue, Composer.
 Carr, Eugene P., 18 Benton road, Mfg. jeweler.
 Carr, Fred M., 12 Westwood road, Mfg. jeweler.
 Carr, Roy W., 130 College avenue, Confectioner.
 Carr, William R., 26 Fairmount ave., Real estate agent.
 Carrick, Samuel P., 271 Medford street, Editor.
 Carter, Horace C., 123 Walnut street, Musician.
 Cartwright, William N., 262 Broadway, Agent.
 Carvill, Sewell A., 28 Highland avenue, Clerk.
 Caseau, Charles H., 17 Charnwood rd., Ornamental ptr.
 Cass, Frank L., 35 Montrose street, Brakeman.
 Castleman, James T., 35 Laurel st., Lodging house kpr.
 Caton, Albertiss M., 189 School street, Manager.
 Chamberlain, Henry M., 43 Franklin st., Insurance agent.
 Chamberlin, Horace A., 35 Willow avenue, Salesman.
 Chandler, Leonard B., 45 Jaques street, Milk dealer.
 Chapin, Alonzo B., 11 Mystic street, Collector.
 Chapin, Hiram O., 44 Dover street, Com. merchant.
 Chapman, Amasa L., 68 Flint street, Engineer.
 Chase, Charles H., 68 Park street, Distiller.
 Chase, Washington I., 85 Vine street, Distiller.
 Cheeney, Clinton L., 38 Berkeley street, Confectioner.
 Cheetham, Samuel, 608 Broadway, Machinist.
 Cheever, Albert S., 6 Aldersey street, Division supt.
 Cheney, Frederick E., 11 Oakland avenue, Grocer.
 Chester, Marshall F., 186 Willow avenue, Wood turner.
 Chickering, William H., 15 Evergreen avenue, Clerk.

Childs, John E. M., 75 Josephine avenue, Retail salesman.
Chipman, Frank E., 160 North street, Mechanical eng.
Chisholm, Robert A., 35 Cutter street, Blacksmith.
Choate, Melville E., 63 Walnut street, Clerk.
Christie, Alexander B., 159 Glen street, Truckman.
Christie, Trott K., 22 Oliver street, Teamster.
Church, Albert A., 217 School street, Printer.
Churchill, Edsyl, 37 Church street, Freight handler.
Clapp, George H., 35-A Franklin street, Foreman.
Clark, Alfred B., 22 Ames street, Shoe salesman.
Clark, Charles W., 21 Westminster street, Shipper.
Clark, George W., 65 Central street, Cruller mfr.
Clarke, George B., 31 Berkeley street, Electrotyper.
Clarke, Wilbur S., 40 Vinal avenue, Bookkeeper.
Clayton, George H., 60 Mt. Vernon street, Carpenter.
Clement, Otis S., 35 Marshall street, Clerk.
Clifford, Rupert F., 54 Willow avenue, Tea blender.
Clough, Warren A., 64 Church street, Pattern maker.
Coan, Thomas S., 18 Fremont street, Bookkeeper.
Coffin, Clarence D., 67 Hall avenue, Builder.
Colby, Alfred E., 128 Powder House boul., Bookkeeper.
Colby, Walter E., 11 Ossipee road, Reporter.
Colcord, Albert P., 19 Pritchard avenue, Clerk.
Cole, Herbert A., 34 Pearl street, Driver.
Cole, Ivory F., 29 Raymond avenue, Carpenter.
Coliten, 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., 9 Hammond street, Car conductor.
Comstock, Milo M., 9 Burnside ave., Confectionery sales.
Conant, Clarence T., 147 Hudson street, Milkman.
Concannon, John H., 50 Joy street, Produce dealer.
Condit, Fred H., 255 Medford street, Musician.
Conlon, Bernard, 27 Marion street, Laborer.
Connor, Michael J., 10 Columbus avenue, Tailor.
Cook, Forrest D., 301 Highland avenue, Reporter.
Copithorne, John, 81 School street, Carpenter.
Corbett, William J., 315-A Summer st., Asst. paymaster.
Corliss, Charles H., 36 Greenville street, Butter dealer.
Corner, Frank B., 19 Highland road, Salesman.
Corwin, Charles J., 195 Highland avenue, Trav. auditor.
Corwin, Charles R., 169 Summer street, Poultry dealer.
Couch, William H., Jr., 23 Rogers avenue, Clerk.
Countway, Francis A., 23 Robinson st., Mgr. and treas.
Cousens, Elmer E., 21 Prospect Hill avenue, Bookkeeper.
Cowan, John F., 332 Summer street, Typesetter.
Cox, Edgar M., 303 Washington street, Verifier.
Cox, Frank H., 21 Wheatland street, Artist.
Cragie, Frank G., 16 Sycamore street, Electrician.
Cram, Everett L., 50 Banks street, Electrician.
Cremen, John W., 69 Oxford street, Janitor.
Crenner, Bartlett P., 61 Adams street, Leather dealer.
Cserie, Fred R., 418-A Medford street, Foreman.
Crispin, Andrew H., Jr., 31 Chandler street, Carpenter.
Crocker, Charles F., 42 Curtis street, Grocer.
Crocker, Lancis S. J., 19 Church street, Teamster.
Cromwell, Joseph H., 148 Lowell street, Ship chandler.
Crosby, Charles E., 25 Sewall street, Fish dealer.
Crosby, Ernest R., 29 Hudson street, Bookkeeper.
Cross, John A., 10 Lee street, Bookkeeper.

Crothers, Leon H., 29 Albion street, Shipper.
 Crotty, William B., 466 Somerville avenue, Grocer.
 Crowell, Albert F., 53 Rogers avenue, Bookkeeper.
 Crowell, Austin, 22 Walnut street, Tailor.
 Crowell, Cutler C., 85 Benton road, Printer.
 Crowley, Albert G., 387 Medford street, Clerk.
 Cuddy, Charles F., 53 Cherry street, Instructor.
 Cudworth, Frank N., 29½ Alston street, Fireman.
 Cummings, Cecil H., 19 Robinson st., Fruit & produce dr.
 Cummings, J. Edward, 80 Holland street, Machinist.
 Cunningham, Thomas A., 60 Beacon street, Grocer.
 Currie, Richard, 35 Windsor road, Insurance agent.
 Cutler, Alfred M., 234 Medford street, Clerk.
 Cutler, Frank E., 44 Walnut street, Painter.
 Cutter, Frederic R., 64 Vinal avenue, Jeweler.
 Cutter, Irving R., 7 Cutter park, Insurance agent.

D

Dadmun, Henry H., 48 Oxford street, Salesman.
 Dadmun, Leon E., 97 Morrison avenue, Photographer.
 Dainty, Henry, 216 School street, Agent.
 Dalton, James H., 22 Powder House terrace, Grocer.
 Dalton, Warren L., 78 Bay State avenue, Treasurer.
 Dame, Levi A., 64 Putnam street, R. E. and insur. agent.
 Damon, Ellis H., 50 Hudson street, Bookkeeper.
 Danforth, George E., 149 Lowell street, Clerk.
 Daniels, Harry F., 21 Munroe street, Clerk.
 Daniels, William E., 88 Munroe st., Shade manufacturer.
 Darby, Frederick C., 48 Mystic avenue, Foreman.
 Dardis, John F., 307 Washington street, Polisher.
 Darling, Henry W., 3 Cameron avenue, Bookkeeper.
 Davenport, Howard H., 85 Munroe street, Asst. supt.
 Davis, Albert I., 35 Fairmount avenue, Bookkeeper.
 Davis, Edward A., 9 Holt avenue, Sail maker.
 Davis, George E., 82 Munroe street, Bookkeeper.
 Davis, George M., 20 Arthur street, Mason and builder.
 Davison, George Melville, 59 Victoria street, Steam fitter.
 Dawson, Howard, 70 Albion street, Clerk.
 Day, Eugene H., 39 Hudson street, Machinist.
 Dayton, Francis A., 456 Somerville avenue, Collector.
 Dean, Clarence H., 26 Lowden avenue, Shipper.
 DeCoster, Alvah V., 43 Lowell street, No occupation.
 Dedrick, Clarence H., 94 Josephine avenue, Clerk.
 Deering, Frank B., Jr., 24 Moreland street, Clerk.
 Delano, Charles Stuart, 22 Oxford street, Grocer.
 Delay, James, 48 Beacon street, Florist.
 Dellea, John J., 26 Otis street, Driver.
 Delorme, George F., 29 Trull street, Nickel plater.
 Dennett, John M., 23 William street, Stable keeper.
 Dennett, William H., 20 Lovell street, Salesman.
 Denvir, William E., 197 Summer street, Shipper.
 Despeaux, George W., 51 Craigie street, Telephone col.
 DeWinter, Henry P., 14 Avon street, Salesman.
 Dick, David, 36 Newbury street, Sawyer.
 Dickey, William E., 33 Bromfield road, Clerk.
 Dillaby, Charles P., 96 Munroe street, Draftsman.
 Dillon, Eli T., 11 Grand View avenue, Bookkeeper.
 Dinsmore, Fred C., 8 Arthur street, Grain dealer.

Dion, Francis M., 144 Willow avenue, Fruit salesman.
 Ditchfield, Charles L., 6 Gilson terrace, Casket trimmer.
 Dobinson, William J., 22 Greene st., Photo engraver.
 Dodge, Edwin G., 21 Benedict street, Photographer.
 Dodge, William H., 8 Walter place, Manager.
 Doherty, Bernard A., 11 Crocker street, Bookkeeper.
 Doherty, Cornelius A., 75 Cross street, Milk dealer.
 Dolben, William H., 5 Ossipee road, Mechanical engineer.
 Dolleris, Neils A., 18 Thorndike st., Automobile repairer.
 Dolliver, Edwin C., 176 Summer street, Merchant.
 Donaldson, Charles A., 23 Hall avenue, Engineer.
 Donnell, Eugene D., 112 Packard avenue, Clerk.
 Donovan, James J., 84 Newton street, Candy maker.
 Dooling, David H., 306 Washington street, Painter.
 Doten, Herbert W., 115 Glenwood road, Furniture dealer.
 Dougherty, John E., 7 Oak street, Shipper.
 Douglas, Charles E. M., 144 Lowell street, Salesman.
 Dowd, Thomas, 50 Fellsway West, Plasterer.
 Downer, Frank O., 181 Medford street, Railroad police.
 Downing, John L., 22 Hamlet street, Shipper.
 Doyle, Edgar W., 29 Berkeley street, Clerk.
 Drake, George H., 74 Walnut street, Traveling agent.
 Dresser, George H., 193 School street, Superintendent.
 Drew, Frank M., 56 College avenue, Foreman.
 Drinkwater, Frank M., 872 Broadway, Salesman.
 Driscoll, James F., 17 Cambria street, Machinist.
 Drouet, E. Charles, 66 Walnut street, Real estate dealer.
 Duncan, John, 2 Brastow avenue, Manufacturer.
 Dunham, George J., 365 Broadway, Automobile dealer.
 Dunham, Marshall W., 365 Broadway, Bicycle dealer.
 Dustin, Harry N., 40 Church street, Clerk.
 Dykeman, William A., 60 Marshall street, Architect.

E

Eames, Henry H., 11 Chapel street, Machinist.
 Eastman, Ulysses G., 53 Pritchard avenue, Carpenter.
 Eaton, Arthur W., 12 Westminster street, Clerk.
 Edmands, John S., 15 Central street, Architect.
 Edmond, George A., 10 Wesley street, Machinist.
 Edwards, Edward H., 10 James street, Chiropodist.
 Egerton, Charles S., 63 Boston street, Cigar dealer.
 Eldridge, Charles W., 460 Broadway, Tinsmith.
 Elkins, John F., 142 Medford street, Contractor.
 Elliot, Charles J., 59 Oxford street, Civil engineer.
 Elliott, George E., 103 Glenwood rd., Assessor and sales.
 Elliott, Waldo F., 162 Walnut street, Storehouse manager.
 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.
 Esty, Austin S., 203 School street, Manager.

F

Fallen, John F., 7 Beach avenue, Junk dealer.
 Farmer, Luke W., 92 Thurston street, Com. merchant.
 Farnham, Charles E., 16 Grand View avenue, Clerk.

Farwell, Ruleffe H., 92 Central street, Pressman.
 Fellows, J. William, 56 Hall avenue, Clerk.
 Felt, Irwin S., 36 Bay State avenue, Lunch room prop.
 Fenno, Edwin H., 45 Hancock street, Accountant.
 Fillebrown, Arthur M., 15 Buckingham street, Machinist.
 Finney, Nathaniel G., 632 Somerville avenue, Painter.
 Fisher, Edgar M., 14 Stickney avenue, Salesman.
 Fitch, Nathan H., 21 Wheeler street, Grocer.
 Fitz, Charles E., 43 Thurston street, Bookkeeper.
 Flagg, Charles A., 24 Gibbens street, Salesman.
 Flaherty, Francis E., 261 Washington street, Undertaker.
 Flaherty, James P., 45 Everett avenue, Junk dealer.
 Fletcher, John E., 81 Walnut street, Collector.
 Flynn, Dennis F., 67 Dane street, Upholsterer.
 Flynn, William P., 31 Linden street, Machine helper.
 Ford, Charles S., 11 Grove street, Canvasser.
 Fosdick, Herbert W., 17 Grand View avenue, Collector.
 Foster, Douglass B., 22 Dana street, Tea dealer.
 Foster, Elmer E., 10 Broadway place, Fireman.
 Foster, John B., 66 Irving street, Artist.
 Fowler, Harris H., 65 Cross street, Elevator constructor.
 Fox, John, 28 Linden street, Laborer.
 Frink, William A., 5 Irving street, Undertaker.
 Frye, Daniel M., 222 Highland avenue, Secretary.
 Fudge, Edward J., 334 Somerville avenue, Undertaker.
 Fuller, Walter I., 37 Hancock street, Electrician.
 Fulton, David, 599½ Somerville avenue, Laborer.

G

Gary, Joseph E., 86 Irving street, Broker.
 Gay, Frederick, 10-R Boston street, Expressman.
 Geary, John J., 41 Lake street, Tile man.
 Geary, Patrick J., 41 Lake street, Clerk.
 Gill, William T., 1 Dell street, Undertaker.
 Gillette, Hiram A., 72 College avenue, Clerk.
 Gillis, Daniel B., 27 Willow avenue, Builder.
 Gleason, Haskell W., 206 School street, Fruit dealer.
 Glidden, George A., 11 Marshall street, Salesman.
 Glines, Arthur W., 142 Powder House boul., Salesman.
 Goddard, Edward A., 19 Jay street, Clerk.
 Goddard, William L., 30 Chandler street, Clerk.
 Godey, Frederick C., 4 Ivaloo street, Roofer.
 Gooding, Henry H., 21 Webster street, Clerk.
 Gordon, Arthur C., 58 Beech street, Sign painter.
 Gordon, Huntlie, 51 Holyoke road, Public accountant.
 Goss, William E., 30 Oxford street, Draughtsman.
 Gould, Charles H., 41 School street, Bookkeeper.
 Graham, Robert C., 29 Greene street, No occupation.
 Graham, Samuel, 299 Broadway, Machinist.
 Graves, David B., 17 Rogers avenue, Clothing dealer.
 Green, Bernard J., 250-A Somerville avenue, Mason.
 Green, J. Rush, 11 Cambria street, Mfr. interior finish.
 Greenough, John L., 19 Vernon street, Conductor.
 Grieves, William W., 57 Dartmouth street, Bank clerk.
 Griffin, Edward L., 21 Webster avenue, Clerk.
 Grover, George A., 10 Belmont place, Special officer.
 Grover, Nelson H., 26 Oxford street, Advertising agent.
 Grozier, William A., 63 College avenue, Newspaper mgr.

Guild, Julius J., 325 Washington street, Salesman.
 Gurnham, Thomas, 36 Hancock street, News dealer.
 Gustin, George O., 922 Broadway, Salesman.

H

Hackett, James A., 20 Atherton street, Telegrapher.
 Hadley, Arthur D., 46 Pearl street, Musician.
 Hadley, Freddell O., 30 Conwell avenue, Wood worker.
 Hadley, Walter M., 24 Hathorn street, Real estate agent.
 Hagen, Edward A., 210 Somerville avenue, Glass maker.
 Hale, Ezra, 73 Park street, Wagon manufacturer.
 Haley, Fred, 41 Greenville street, Insurance agent.
 Hall, Harley E., 22 Pleasant avenue, Stable keeper.
 Hall, William A., 9 Veazie street, Expressman.
 Ham, Arthur E., 99 Belmont street, Salesman.
 Hancock, Edward, 272 Highland avenue, Butter salesman.
 Harrington, Nathan B., 7 Bolton street, Clerk.
 Hartwell, Haywood, 77 Munroe street, Carpenter.
 Hartwell, Walter C., 15 Kenwood street, Bookkeeper.
 Haskell, Albert L., 60 Putnam street, Job printer.
 Hatch, Arthur E., 46 Browning road, Manager.
 Hayward, John G., 5 Windom street, Insurance agent.
 Hayward, Webster G., 38 Cambria st., Insurance agent.
 Heacox, Dwight C., 45 Springfield street, Machinist.
 Heintz, George, 36 Hudson street, Casket manufacturer.
 Hersey, Charles H., 6 Dartmouth street, Clerk.
 Higgins, Byron E., 243 School street, Mason.
 Higgins, Solomon S., 158 Summer st., Real estate agent.
 Hill, Arthur B., 17 Norwood avenue, Musician.
 Hinckley, William V. T., 10 Monmouth street, Clerk.
 Hines, Alfred H., 9 Preston road, Mason.
 Hodge, Charles W., 26 Billingham street, Bookkeeper.
 Hodgkins, Edward S., 139 Orchard street, Clerk.
 Hoit, Edward P., 275 Highland avenue, Produce dealer.
 Holland, Charles J., 30 Aldrich street, Paper hanger.
 Holland, William L., 30 Aldrich street, Printer.
 Holmes, Frank H., 29-A Veazie street, Plumber.
 Holmes, Samuel, 49 Thurston street, Poultry salesman.
 Holt, Harry, 108 Porter street, Carpenter.
 Hood, Charles H., 2 Benton road, Milk contractor.
 Horton, Charles P., 22 Everett avenue, Janitor.
 Houdlette, Horace A., 33 Everett avenue, Salesman.
 Houley, Patrick F., 65 Springfield street, Provision dealer.
 Howard, Eugene P., 11 Hall avenue, Salesman.
 Howard, J. Walter, 330 Broadway, Florist.
 Hunnewell, William A., 23 Milton street, Coal 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.
 Hurn, George F., 7 Oakland avenue, Carpet cleaner.
 Huse, A. Alonzo, 7 Tower street, Bookkeeper.

I

Ingham, John S., 27-B Summer street, Clerk.
 Ireland, George H., 28 Appleton street, Blacksmith.
 Irish, Fred D., 3 Dartmouth street, Salesman.

J

Jackson, George W., 8 Hall street, Brush maker.
 Jameson, Robert, 22 Bowdoin street, No occupation.
 Jansson, Augustus L., 102 Wallace street, Illustrator.
 Jaques, Otis A., 66 Boston street, Fruit dealer.
 Jennings, George W., 60 Central street, Clerk.
 Jensen, James A., 21 Meacham street, Freight conductor.
 Jerauld, Frank, 29 Aldrich street, Artist.
 Jones, Charles E., 154 Pearl street, Carriage maker.
 Jones, Walter C., 157 Willow avenue, Artist.
 Joslyn, Will C., 37 Banks street, Salesman.
 Joy, Alden B., 36 Ibbetson street, Carpenter.
 Junkins, Leander D., 5 Billingham st., Designer & Invtr.

K

Kane, William A., 34 Ash avenue, Tinsmith.
 Kaulback, Sumner T., 34 Highland road, Foreman.
 Kauler, Charles E., 27 Gilman st., Undertaker's assistant.
 Kearney, Edward S., 53 Mansfield street, Sawdust dealer.
 Kearney, John J., 6 Charlestown street, Clerk.
 Keay, Fred E., 153 College avenue, Editor.
 Keegan, Dominick F., 15 Ibbetson st., Foreman printer.
 Keith, Simeon C., Jr., 20 Highland avenue, Bacteriologist.
 Kelley, Isaac S., 22 Electric avenue, Cashier.
 Kelley, William M., 17 Merriam street, Clerk.
 Kendall, Jones B., Jr., 7 Bowers avenue, Milk dealer.
 Kenneson, Charles A., 176 Walnut street, Stor. w. h. kpr.
 Kenney, James, 4 Concord avenue, Carpenter.
 Kidder, Andrew M., 10 Summit avenue, No occupation.
 Kidder, Herbert A., 26 Warner street, Cashier.
 Kiley, Patrick J., 15 Mystic street, Wheelwright.
 King, Charles E., 69 Beacon street, Coachman.
 Kinney, Edgar L., 92 Sycamore street, Bookkeeper.
 Kirby, Michael, 315 Washington street, Laborer.
 Kneeland, William B., 9 Greene street, Freight solicitor.
 Knight, William E., 425 Norfolk street, Watchman.
 Knowles, Benjamin H., 15 Parker st., Hat manufacturer.
 Knowles, Zoeth R., 52 Putnam street, Printer.
 Knowlton, Edward B., 75 Hancock street, Pattern maker.
 Knox, Waldo H., 19 Hancock street, Salesman.

L

Lacount, Eugene D., 34 Day street, Salesman.
 Lambert, Frank S., 10 Cross street, Painter.
 Land, Lawrence P., 60 Marshall street, Carpenter.
 Landers, Arthur C., 218 Summer street, Bookkeeper.
 Lapham, F. DeWitt, 3 Hathorn st., R. E. and insurance.
 Lavey, John T., 7 Belmont street, Pork packer.
 Lawrence, Bernard W., 289 Highland av., Produce dealer.
 Lawrence, George B., 53 Bay State avenue, Slate dealer.
 Lawson, Peter P., 101 Summer street, Machinist.
 Leavitt, Frank W., 468 Somerville avenue, Carriage mfr.
 LeCount, Frederick R., 7 Dartmouth st., No occupation.
 Lennan, William M., 60 Prescott street, Clerk.
 Leonard, Eugene C., 65 Adams street, Tailor.

Lewis, Dennis J., 14 Benedict street, Plumber.
 Libbey, Albion H., 152 Powder House boul., Salesman.
 Libbey, Moulton C., 7 Jay street, Jeweler.
 Liddell, William, 32 Cedar street, Pattern maker.
 Lillie, Nathaniel W., 446 Medford st., Purchasing agent.
 Lincoln, Rollin T., 34 Benton road, Clerk.
 Litchfield, J. Warren, 181 Broadway, Milk dealer.
 Littlefield, Samuel T., 321 Broadway, No occupation.
 Locke, Theodore H., 53 Central street, Clerk.
 Lomasney, John E., 7 Maple avenue, Produce dealer.
 Lombard, Richard J., 16 Evergreen avenue, Teamster.
 Lorentzen, Henry, 101 Rogers avenue, Lock expert.
 Loud, Clarence W., 45 Hudson street, Salesman.
 Lovejoy, George S., 167 Highland avenue, Wharfinger.
 Loveland, Charles M. N., 898 Broadway, Stenographer.
 Lovering, Edward P., 181 Medford street, Mason.
 Lovering, Everett L., 21 Bradley street, Musician.
 Lowell, George E., 102 Walnut st., Livery stable keeper.
 Lund, John C., 13 Cutter street, Shipper.
 Lundergan, James W., 40 Dickinson street, Milkman.

M

Macdonald, John W., 143 Walnut street, Salesman.
 Makant, Robert, 40 School street, Engraver.
 Mann, Alfred E., 75 Washington street, Undertaker.
 Mansfield, Wilbur F., 773 Broadway, Real estate agent.
 Marchant, Albert L., 92 Vine street, Barber.
 Marsh, William H., 27 Cutter street, Teamster.
 Marshall, John A., 153-A Willow avenue, Salesman.
 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, 5 Walnut street, Advertising agent.
 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, No occupation.
 McAskill, Scyrene B., 6 Bow street, Candy dealer.
 McCarty, John J., 13 Knowlton street, Charcoal dealer.
 McCullough, William, 54 Dane street, Produce dealer.
 McEleney, William J., 139 Linwood street, Teamster.
 McFarland, Chester S., 21 Cedar street, Com. merchant.
 McGann, Thomas F., 45 Putnam street, Brass founder.
 McGovern, Lawrence J., 9 Concord avenue, Machinist.
 McGrath, Charles T., 35 Lowell street, Carriage painter.
 McGrath, Philip J., 23 Appleton street, Printer.
 McKenna, David W., 7 Chestnut street, Pedler.
 McKenna, George F., 292 Lowell street, Undertaker.
 McNamara, William E., 161 Beacon street, Grocer.
 McQuade, Owen A., 6 Taunton street, Polisher.
 Mead, Edward C., 18 Summit avenue, Builder.
 Melvin, Charles F., 25 Farragut avenue, Salesman.
 Merriam, George S., 6 Essex street, Warehouseman.
 Merrifield, Fred H., 6 Abdell street, Salesman.
 Merrill, Ernest W., 40 Harvard street, Bookkeeper.
 Merrill, Herbert E., 11 Lincoln street, Leather salesman.
 Merrill, Warren A., 14 Westminster street, Salesman.
 Messer, Melvin J., 27 Franklin street, Manager.

Miner, Robert A., 56 Chester street, No occupation.
 Mink, Frank L., Jr., 85 Elm street, No occupation.
 Molineaux, Michael R., 41 Thorndike street, Com. agent.
 Moran, William J., 80 Franklin street, Driver.
 Morang, Arthur C., 157 Lowell street, Clerk.
 Morrill, Fred L., 18 Arlington street, No occupation.
 Morrison, Frank E., 23 Brook street, Provision dealer.
 Morrow, Andrew C., 23 Highland road, Buyer.
 Morrow, John J., 17 Perry street, Clerk.
 Morse, Henry H., 27 Hudson street, Merchant.
 Mullen, James, 24 Wyatt street, Laborer.
 Mulqueeney, Lot J., 420 Norfolk street, Laborer.
 Munroe, James A., 70 Myrtle street, Salesman.
 Murphy, Stephen F., 102 College avenue, Manager.
 Muzzy, Horace T., 31 Vinal avenue, Draftsman.
 Myott, William C., 54 Richdale avenue, Hoisting engineer.

N

Nason, Charles C., 21 Wigglesworth street, Carpenter.
 Neal, Andrew C., 78 Raymond avenue, Gilder.
 Newell, Franklin G., 41 Temple street, Machinist.
 Newsom, James E., 74 Sycamore street, Produce dealer.
 Newton, Elbridge W., 8 Westwood road, Agent.
 Nickerson, Benjamin S., 763 Broadway, Broker.
 Nickerson, John F., 25 Flint street, No occupation.
 Nickerson, Urban H., 27 Hall avenue, Salesman.
 Noble, Archibald W., 39 Crocker street, Upholsterer.
 Northrup, Herbert N., 165 College avenue, Manufacturer.
 Nowell, Joseph A., 56 Oliver street, Engineer.
 Noyce, Benjamin C., 28 Glen street, Carpenter.
 Nute, Alfred D., 329 Highland avenue, No occupation.
 Nye, Thomas V. B., 51 Cedar street, Salesman.
 Nyman, Ernest D., 5 Wigglesworth st., Baggage master.

O

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, 12 Palmer avenue, Machinist.
 O'Donnell, Neil, 114 Cross street, Engineer.
 O'Donnell, Thomas H., 273 Washington st., Apothecary.
 O'Donoghue, Daniel E., 26 Chandler st., Music teacher.
 O'Leary, David T., 277 Washington street, Confectioner.
 O'Neil, John F., 135 Linwood street, Teamster.
 O'Neil, Michael A., 158 Lowell street, Stock broker.
 O'Neill, William J., 76 Bonair street, Woolens salesman.
 O'Shaughnessy, Patrick, 76 Derby street, Milk dealer.
 Owen, John W., 20 Melvin street, Civil engineer.

P

Page, Daniel W., 21-R Webster avenue, No occupation.
 Paine, Robert S., 110 College avenue, Hay dealer.
 Paisley, William, 407 Broadway, Furniture dealer.
 Park, Arthur N., 20 Arlington street, Restaurant prop.
 Parker, Arthur B., 17 Gilman street, Milk dealer.
 Parker, William H., 23 Hall avenue, Salesman.
 Patch, Amos G., 35 Irving street, Produce dealer.
 Pecheur, Augustus F., 7 Merriam street, Glass maker.
 Peck, Henry A., 2 Bigelow street, Printer.
 Perham, Edwin R., 92 Packard avenue, Mining (treas.).
 Perkins, George W., 79 Derby street, Machinist.
 Philbrick, Charles S., 174 Morrison avenue, R. E. agent.
 Phillips, Bernard C., 18 Hillside park, Glass cutter.
 Pickthall, Richard E., 182 Central street, No occupation.
 Pigon, Joseph H., 36 Wallace street, Clerk.
 Plaisted, Arthur I., 17 Franklin street, Electrician.
 Pond, George W., 91 Bay State avenue, Salesman.
 Potter, George B., 14 Crocker street, Produce salesman.
 Potter, Henry K., 5 Arthur street, Carriage manufacturer.
 Pratt, Charles H., 20 George street, Civil engineer.
 Preble, Frederick A., 55 Tennyson street, Bookkeeper.
 Prescott, Albion M., 21 Carlton street, Teamster.
 Preston, T. Franklin, 20 Albion street, Manager.
 Prichard, George W., 16 Fremont street, Teamster.
 Pride, Edwin L., 9 Browning road, Accountant.
 Proctor, Guy H., 175 Summer st., Auto supplies dealer.
 Puffer, Charles, 14 Dartmouth street, Produce dealer.

Q

Quinlan, John P., 8 Buckingham street, Driver.

R

Ramsdell, Charles H., Jr., 53 Tufts street, Salesman.
 Rand, Fred C., 35 Banks street, General foreman.
 Ray, Frank E., 16 Virginia street, Salesman.
 Ray, George D., 42 Concord avenue, Engineer.
 Raymond, Charles F., 45 Bromfield road, Collector.
 Raynes, Charles E., 108 Packard avenue, Clerk.
 Reynolds, James F., 7 Adams street, Insurance agent.
 Rhodes, Harry L., 84 Highland avenue, Grocer.
 Rich, Isaac, 36 Walnut street, Civil engineer.
 Rich, Sewall M., 381 Medford street, Fish dealer.
 Richards, Frederick L., 127 Summer street, Engineer.
 Richards, George A., 27 Bay State avenue, R. E. agent.
 Richards, William P., 44 Day street, Architect.
 Richardson, George A., 20 Wesley street, Painter.
 Richardson, Herbert S., 41 Columbus avenue, Teamster.
 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.
 Riley, Philip W., 122 Rogers avenue, Printer.
 Rivers, Fred S., 35 Charnwood road, Electrician.
 Roberts, Oliver S., 15 Kidder avenue, Manager.

Robinson, William H., 265 Broadway, Veterinary surgeon.
 Rogers, Bishop G., 34 Lake street, Bookkeeper.
 Rogers, John E., 9 Wigglesworth street, Electrician.
 Ronayne, John, 22½ Tyler street, Laborer.
 Russell, Arthur J., 5 Beacon street, Printer.
 Russell, Edmond, 57 Dane street, Mason.
 Russell, Eugene L., 1196 Broadway, Provision dealer.
 Ryan, Martin J., 7 Garden court, Bookkeeper.

S

Sanborn, Charles H., 50 Walnut street, Steam heating.
 Sanborn, J. Walter, 183 Central street, Com. merchant.
 Sanborn, William A., 62 Curtis street, Brick mfr.
 Sanborn, William F., 17 Benedict street, News dealer.
 Sargent, A. Eugene, 2 Sargent avenue, Clerk.
 Sargent, Isaac C., 8 Parker street, Garage employee.
 Sargent, Thomas T. M., 67 Myrtle street, Architect.
 Sawyer, Walter S., 16 Browning road, Real estate agent.
 Schillinger, Edgar F., 152 Walnut street, Clerk.
 Schrafft, William E., 49 Belmont street, Candy mfr.
 Sears, Edward S., 130 College avenue, Clerk.
 Sewall, William H., 140 Lowell street, Watchman.
 Seward, William A., 66 Highland avenue, Railway agent.
 Seymour, Alfred A., 10 Brook street, Salesman.
 Shattuck, David A., 23 Brook street, Carpenter.
 Shaw, Oscar M., 18 Everett avenue, Carpenter.
 Shaw, William H., 92 Central street, Asst. manager.
 Sheeran, John J., 17 Merriam street, Provision dealer.
 Shepherd, Lester C., 224 Highland avenue, Salesman.
 Shepley, Charles H., 45 Union square, No occupation.
 Sheridan, Arthur H., 22 Perry street, Salesman.
 Shiner, Alfred F., 158 Linwood street, Trader.
 Short, Oscar W., 8 Bowdoin street, Box manufacturer.
 Sidebottom, William, 54 Adams street, Architect.
 Simonds, Charles F., 86 Belmont street, Mechanic.
 Simpson, Merton P., 155 Willow ave., Furniture salesman.
 Smith, Arthur A., 15 Summit avenue, No occupation.
 Smith, Edward P., 32 Josephine avenue, Clerk.
 Smith, F. Ellwood, 70 Chandler street, Agent.
 Smith, Leslie E. A., 16 Lincoln st., Livery stable keeper.
 Smith, R. Stanley, 72 Florence street, Conveyancer.
 Smith, William, 37 Cherry street, Cabinet maker.
 Snow, Herbert W., 199 Pearl street, Clerk.
 Snow, Walter H., 42 Derby street, Ice cream dealer.
 Snow, William A., 17 Francesca avenue, Iron worker.
 Spaulding, James R., 57 Chandler street, Merchant.
 Sprague, Walter A., 50 Concord avenue, Telegrapher.
 Staples, Mendall G., 3 Pearl terrace, Teamster.
 Stevens, Dudley L., 7 Francesca avenue, Salesman.
 Stevens, Oliver A., 20 Putnam street, Engineer.
 Stevens, Walter L., 5 Kenwood street, Dentist.
 Stodder, George F., 20 Stickney avenue, Fish dealer.
 Sullivan, Cornelius, 12 Perry street, Brass moulder.
 Swain, Noah R., 17 Hathorn street, Gardener.
 Sweeney, John J., 216-A Somerville avenue, Grocer.

T

Taapken, John R., 227 Holland street, Grocery clerk.
 Tattan, Michael H., 458 Somerville avenue, Grocer.
 Taylor, Alvin, 48 Gilman street, Plumber.
 Taylor, John H., 29 Farragut avenue, Conductor.
 Teele, Warren L., 33 Curtis street, Salesman.
 Thiery, William O., 34 Central street, Salesman.
 Thomas, Joseph M., 23 Stickney avenue, Produce dealer.
 Thomas, Penrose F., 9 Hudson street, Salesman.
 Thompson, Charles W., 27 Lake street, Music dealer.
 Thompson, William J., 19 Shawmut street, Merchant.
 Thomson, Emerson, 10 Pinckney street, Station agent.
 Thurgood, Augustus, 42 Hudson st., Wall paper dealer.
 Tibbetts, Harris P., 33 Bradley street, Carpenter.
 Tinckner, George R., 21 Oak street, Cook.
 Titus, Anson M., 10 Raymond avenue, Bookkeeper.
 Tobin, John J., 373 Somerville avenue, Shoe dealer.
 Tomföhrde, Richard, 216 Highland ave., Restaurant kpr.
 Toppan, Arthur W., 209 Highland ave., Gas engine dealer.
 Torrens, William L., 255 Broadway, Wood turner.
 Tracy, Albert A., 49 Banks street, Manager.
 Trauschke, Henry H., 78 Fremont street, Clerk.
 Tribble, Hiram, 50 Chandler street, Salesman.
 Tripp, William A., 8 Pearl terrace, Shipper.
 True, Harry A., 120 College ave., Investments manager.
 Tucket, Charles R., 104 Bartlett street, Inspector.
 Turner, Walter F., 15 Highland road, Trav. salesman.

U

Ulm, Albert A., 59 Preston road, Printer.
 Upton, Samuel, 102 Glenwood road, Foreman.

V

Valentine, Paul R., 2 Bolton street, Clerk.
 Van Buren, John D., 45 Tufts street, Carriage painter.
 Van Buskirk, Charles, 20 Prescott street, Wheelwright.
 Varney, Charles A., 408 Highland avenue, Tele. inspector.
 Viall, John B., 4 Webster street, No occupation.
 Vinal, Arthur P., 36 Walnut street, Lumber dealer.
 Vroom, Hallett R., 26 Clark street, Teamster.

W

Wade, Howard, 24 Cedar street, Coal salesman.
 Wadleigh, William Y., 65 Boston st., Wholesale grocer.
 Waldron, George W., 28 Dartmouth st., Produce dealer.
 Walker, George, 26 Wallace street, Salesman.
 Walker, Granville A., 9 Loring street, Painter.
 Walker, Thomas G., 5 Dell street, Foreman.
 Wanless, David, 534 Medford street, Salesman.
 Waters, Morgan, 11 Sanborn avenue, Assistant supt.
 Watters, James, 41 Mystic avenue, Clerk.
 Watters, Robert D., 16 Ames street, Superintendent.
 Watts, John C., 28 Tower street, Waiter.

Webber, Edward O., 77 Partridge avenue, Janitor.
 Wellington, J. Frank, 23 Summit avenue, Coal dealer.
 Wentworth, Frank H., 61 Dartmouth street, Salesman.
 Wentworth, Ransom D., 69 Glen street, Stable keeper.
 West, Edward B., 42 Preston road, Hay dealer.
 Weston, Howard H., 50 Jaques street, Milk dealer.
 Wheeler, Homer C., 16 Kidder avenue, Receiving clerk.
 Whitaker, George E., 75 Walnut street, Publisher.
 Whitcomb, Seth H., 59 Summer street, Nurse.
 White, Christopher J., 86 Prospect street, Laborer.
 White, Frank H., 14 Montgomery ave., Map mounter.
 Whiting, George, 61 Mt. Vernon st., Milk contractor.
 Whiting, James G., 61 Mt. Vernon st., Milk contractor.
 Whitney, James F., 40 Dartmouth street, No occupation.
 Whiton, Erastus, 12 Aldrich street, Clerk.
 Whiton, George F., 20 Otis street, No occupation.
 Wiggin, Walter S., 74 Walnut street, Salesman.
 Wild, B. Frank, 136 Highland avenue, Coal dealer.
 Wiley, Isaiah H., 22 Pearl street, Paint and oil dealer.
 Williams, Charles H., 45 Lexington avenue, Carpenter.
 Williston, Belvin T., 3 Monmouth street, Mech. engineer.
 Willoughby, George T., 111 Central street, Builder.
 Withington, Henry A., 189 Summer st., Cotton converter.
 Wood, Charles, 25 Columbus avenue, Locksmith.
 Wood, George A., 40 Laurel street, Hardware dealer.
 Wood, Herbert W., 75 Wallace street, Shell comb maker.
 Wood, James, 40 Tower street, Locksmith.
 Woodbury, Frederick A., 240-A School st., Shoe dealer.
 Woodley, Edward W., 10 Clarendon avenue, Printer.
 Woods, George H., 334 Broadway, Insurance agent.
 Wright, John Edward, 73 Beacon street, Electrician.
 Wright, Walter H., 54 Vinal avenue, Manufacturer.
 Wyer, James C., 45 Pearl street, Engineer.
 Wyman, Charles B., 67 Thurston st., Restaurant keeper.

Y

York, Ernest A., 10 Thorndike street, Driver.
 Younker, Richard E., 9 Rossmore street, Wheelwright.

Z

Zoeller, Fritz R., 26 Gibbens street, Clerk.

CHARLES P. LINCOLN, Chairman,
 CHARLES E. PARKS,
 EDWIN D. SIBLEY,
 FREDERIC W. COOK,

Board of Registrars of Voters.

CITY GOVERNMENT AND OFFICERS FOR 1908.

Mayor.

CHARLES A. GRIMMONS,
72 Thurston street.

Board of Aldermen.

President — LEONARD W. COLE.

Vice-President — CHARLES A. BURNS.

WARD ONE.

GEORGE A. LORD, Alderman-at-large 4 Pearl street.
JOHN DIGGINS 18 Morton street.
JAMES D. HAYDEN 77 Pearl street.

WARD TWO.

DAVID BERGLIND, Alderman-at-large 53 Dickinson street.
JOSEPH A. HALEY 7 Linden street.
PHILIP KOEN 97 Concord avenue.

WARD THREE.

LEONARD W. COLE, Alderman-at-large 5 Homer square.
CLARENCE A. SMITH 25 Munroe street.
WILLIAM E. COPITHORNE 81 School street.

WARD FOUR.

GEORGE W. HARVEY, Alderman-at-large 8 Chester avenue.
AMOS W. SHEPARD 191 Broadway.
RAY R. RIDEOUT 10 Stickney avenue.

WARD FIVE.

J. FRANK MIXER, Alderman-at-large, 119 Central street.
CHARLES A. BURNS 27 Thurston street.
ALPHONSO A. WYMAN, 35 Bartlett street.

WARD SIX.

RICHARD Y. GOOD, Alderman-at-large, 30 Brastow avenue.
CHARLES W. ELDRIDGE 109 Rogers avenue.
EDGAR A. SMITH 45 Cedar street.

WARD SEVEN.

EDWARD H. KINGMAN, Alderman-at-large 14 Kenwood street.
ROBERT M. LAVENDER 20 Westminster street.
JESSE E. PERRY 80 College avenue.

City Clerk — FREDERIC W. COOK.

Assistant City Clerk — HOWARD E. WEMYSS.

Regular meetings, second and fourth Thursday evenings of each month, at 8 o'clock.

Standing Committees of the Board of Aldermen.

ACCOUNTS. — Aldermen Good, Rideout and Perry.

BONDS. — Aldermen Berglund, Wyman and Lavender.

CITY ENGINEERING. — Aldermen Haley, Smith (Ward 3) and Kingman.

CLAIMS. — The President, Aldermen Smith (Ward 6) and Wyman.

ELECTIONS. — Aldermen Mixer, Shepard and Good.

ELECTRIC LINES AND LIGHTS. — Aldermen Harvey, Berglund, Lavender, Copithorne and Smith (Ward 6).

FINANCE. — The President, Aldermen Burns, Berglund, Kingman, Lord, Harvey and Eldridge.

FIRE DEPARTMENT. — Aldermen Burns, Eldridge, Haley, Hayden and Perry.

GRADE CROSSINGS. — Aldermen Koen, Wyman, Rideout, Diggins and Perry.

HIGHWAYS. — Aldermen Smith (Ward 3), Koen, Mixer, Shepard, Good, Lavender and Diggins.

LEGISLATIVE MATTERS. — The President, Aldermen Burns and Diggins.

LICENSES. — Aldermen Kingman, Eldridge and Copithorne.

ORDINANCES AND RULES. — Aldermen Mixer, Koen, and Shepard.

POLICE. — The President, Aldermen Berglund and Hayden.

PRINTING. — Aldermen Burns, Smith (Ward 3) and Rideout.

PUBLIC GROUNDS. — Aldermen Eldridge, Haley, Smith (Ward 3), Hayden and Kingman.

PUBLIC PROPERTY. — Aldermen Shepard, Mixer, Lord, Haley and Smith (Ward 6).

SEWERS. — Aldermen Lord, Rideout and Diggins.

SPECIAL BUILDING PERMITS. — Aldermen Lavender, Hayden and Wyman.

STATE AID AND SOLDIERS' RELIEF. — Aldermen Good, Koen and Harvey.

WATER. — Aldermen Lord, Harvey and Copithorne.

School Committee.

Chairman. — FREDERICK A. P. FISKE.

Vice-Chairman. — HENRY H. FOLSOM.

(Term, two years, except members ex-officiis.)

CHARLES A. GRIMMONS, Mayor (ex-officio), 72 Thurston street.

LEONARD W. COLE, Pres. Board of Aldermen (ex-officio), 5 Homer square.

WARD ONE.

HENRY F. CURTIS (elected 1907), 145 Perkins street.

ELMER H. SPAULDING (elected 1906), 44 Tufts street.

WARD TWO.

DANIEL H. BRADLEY (elected 1907), 19 Concord avenue.

THOMAS M. CLANCY (elected 1906), 52 Springfield street.

WARD THREE.

GEORGE E. WHITAKER (elected 1907), 75 Walnut street.

WILBUR S. CLARKE (elected 1906), 40 Vinal avenue.

WARD FOUR.

CHARLES A. KIRKPATRICK, Jr. (elected 1907), 27 Sewall street.
 GEORGE W. FOSTER (elected 1906), 7 Evergreen avenue.

WARD FIVE.

HENRY H. FOLSOM (elected 1907), 103 Central street.
 J. WALTER SANBORN (elected 1906), 183 Central street.

WARD SIX.

FREDERICK A. P. FISKE (elected 1907), 44 Cherry street.
 LEON M. CONWELL (elected 1906), 1 Harvard place.

WARD SEVEN.

GEORGE C. MAHONEY (elected 1907), 97 College avenue.
 HENRIETTA B. H. ATTWOOD (elected 1906), 12 Park avenue.

Superintendent and Secretary. — GORDON A. SOUTHWORTH
 (resigned September 1).

CHARLES S. CLARK (from September 1).

Office, City Hall Annex.

Hours: 8 A. M. 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 meetings are on the third and fourth Fridays.

Assessors.

(Term, three years.)

GEORGE W. PERKINS, Chairman, (term expires 1910).

NATHAN H. REED (term expires 1909).

GEORGE E. ELLIOTT (term expires 1911).

WINSOR L. SNOW (term expires 1909).

WILLIAM A. FLAHERTY (term expires 1911).

ASSISTANT ASSESSORS.

(Term, one year.)

FRED B. CLAPP.

JOHN FRANKLIN STACKPOLE.

JOHN J. SHEERAN.

JAMES WILSON.

HARVEY E. FROST.

JAMES A. BUTLER.

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 1910).

ZEBEDEE E. CLIFF (term expires 1909).

WESLEY T. LEE, M. D. (term expires 1909).

Clerk. — WILLIAM P. MITCHELL.

Agent. — CALEB A. PAGE.

Medical Inspector — FRANK L. MORSE, M. D.

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.

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 1911).

ALBERT W. EDMANDS (term expires 1911).

HERBERT E. MERRILL (term expires 1910).

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 1910).

CHARLES E. PARKS (term expires 1911).

EDWIN D. SIBLEY (term expires 1909).

FREDERIC W. COOK, City Clerk (term expires 1911)

Public Library Trustees.

(Term, three years.)

EDWARD C. BOOTH, Chairman (term expires 1910).

JOHN B. VIALI (term expires 1911).

J. FRANK WELLINGTON (term expires 1911).

IRVING G. HALL (term expires 1909).

HOWARD D. MOORE (term expires 1909).

FREDERICK W. PARKER (term expires 1909).

THOMAS M. DURELL (term expires 1910).

WILLIAM L. BARBER (term expires 1910).

CHARLES L. NOYES (term expires 1911).

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.

FREDERIC W. COOK.

Assistant City Clerk. — HOWARD E. WEMYSS.

Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

City Treasurer and Collector of Taxes.

JOSEPH S. PIKE.

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. KAAAN,
50 State street, Boston.

City Auditor.

CHARLES S. ROBERTSON (resigned April 30, 1908).
CLARENCE T. BRUCE (elected April 30, 1908).

City Engineer.

ERNEST W. BAILEY.
Office open : 8 A. M. to 4 P. M. ; Saturdays, 8 A. M. to 12 M.

Commissioner of Streets.

ASA B. PRICHARD.
Office hour : 9.30 to 10 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.

Commissioner of Electric Lines and Lights.

MELVIN F. UNDERWOOD.
Office hour : 9 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.

Clerk of Committees and Departments.

WILLIAM P. MITCHELL.
Office open : 8 A. M. to 4 P. M ; Saturdays, 8 A. M. to 12 M.

Chief of Police.

MELVILLE C. PARKHURST (retired October 31, 1908).
Acting Chief of Police, CAPTAIN ROBERT R. PERRY.
Office, Police Building, Bow street.

Chief Engineer of the Fire Department,

JAMES R. HOPKINS.
Office, Central Fire Station, 261 Medford street.

City Physician.

C. CLARK TOWLE, M. D.
24 Prospect Hill avenue.

Inspector of Plumbing.

DUNCAN C. GREENE.
Office hour : 8 to 9 A. M.

Inspector of Milk and Vinegar.

JULIUS E. RICHARDSON,
310 Broadway.

Inspector of Trees.

CHARLES I. BUCKNAM (resigned October 20, 1908).

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,
Deputy Sealer, BENJAMIN S. ABBOTT.
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.
CHARLES L. ELLIS.
CHARLES C. FOLSOM.
PATRICK J. GARVIN.
ARTHUR L. GILMAN.

WILLIAM D. HAYDEN.
FRANKLIN W. HOPKINS.
DENNIS KELLEY.
JAIRUS MANN.
CHARLES B. PALMER.
MELVILLE C. PARKHURST.
ROBERT R. PERRY.
MALCOLM E. STURTEVANT.

CHARLES E. WOODMAN.

Measurers of Wood and Bark.

WILLIAM B. HOLMES,
317 Broadway.
OSCAR A. DYKENS,
34 Chestnut street.
WILLIAM J. GOODWIN,
8 Holland street.

Measurer of Grain.

EVERETT C. EMERY.

Public Weigher in Charge of City Scales at City Ledge.

WILLIAM H. WHITCOMB.

Weighers of Coal.

DANIEL F. ASH.	SUSIE MAGEE.
JOHN F. AYLWARD.	GEORGE H. MARSH.
ALBERT E. BAKER.	JOHN A. MARSH.
EDGAR H. BARKER.	JOHN MCKENNA.
ELMER E. BEACHAM.	FRANK T. MCMAHON.
JOHN L. BLAKE.	JOHN J. MCMAHON.
ANGUS W. CAMPBELL.	PHILIP C. MCMAHON.
ALFRED B. CLARK.	GEORGE H. MOORE.
CORNELIUS COAKLEY.	FRANK J. OBERLE.
HARRY A. CRAWFORD.	JOHN J. O'NEILL.
ELLSWORTH CULLEN.	MARK W. PATTEN.
WILLIAM G. CUMMINGS.	LOTTIE L. RICE.
HOWARD H. DAVENPORT.	OBADIAH E. RING.
CHARLES F. DOHERTY.	AVERY U. ROCKWOOD.
THOMAS A. DUNLAP.	JOHN J. RYAN.
AMHERST F. DURKEE.	MICHAEL J. SHEA.
OSCAR A. DYKENS.	ABRAM SIMON.
EVERETT C. EMERY.	WILLIAM C. STICKLE.
FRED L. ESTEY.	ORRIN S. TARR.
JOHN F. FLYNN.	FRANK A. TEELE.
CHARLES T. GARLAND.	WILLIAM J. THOMPSON.
WILLIAM E. GERRISH.	JOHN P. TULLY.
WILLIAM G. GOODWIN.	ALFRED A. WALDRON.
GEORGE F. GROGAN.	ELIZABETH M. L. WALLACE.
ALBERT F. HACKETT.	THOMAS WALSH.
ADALA C. HIGGINS.	CHARLES H. WARD.
WILLIAM F. HOULAHAN.	JOHN H. WOODMAN.
SYLVANUS R. KNEELAND, Jr.	LUCIEN L. WOODMAN.

Weighers of Beef.

ALBERT E. BAKER.	REUBEN W. MEAD.
OLIVER S. BRYANT.	JOSEPH MURPHY.
CARL BURROWS.	THOMAS S. PARKER.
GEORGE M. CHISHOLM.	HERBERT D. REED.
WILLIAM J. DOONER.	WILLIAM B. SARGENT.
ALFRED G. DYMOND.	WALTER SAVAGE.
FREDERICK A. GEILING.	ROBERT E. SMITH.
FRED HARRIS.	WALTER M. TOWER.
GEORGE L. HORTON.	JOSEPH F. TYTER.
ARTHUR F. MASON.	TOBIAS YAVNER.

INDEX.

	PAGE
City Clerk, Report of	401
Receipts	401
Payments	402
Licenses and Permits	403
Gas and Pole Locations	404
Births	404
Marriages	405
Deaths	405
Voting Precincts	406
Assessed Polls and Registered Voters	407
Women's Voting Lists	408
Elections	409
Liquor License Question	415
City Engineer, Report of	283
Engineering Department, Statement of Expenses	283
Grade Crossings, Statement of Expenses	284
Office Records and Value of Instruments	285
General Work	285
Streets Accepted in 1908	238
Table of Sidewalks Constructed, 1908	288
Length of Public Streets in Each Ward	289
Miles of Edgestone, Brick, Granolithic, and Gravel Side- walks in Each Ward	289
Table of Street Construction	289
Abolition of Grade Crossings	291
Stone Bounds	292
Sewer Department	293
Statement of Expenses, Sewers Construction	293
Summary of Work	295
Metropolitan Sewer Connections	295
New Work	296
Sewers Built in 1908	296
Statement of Expenses, Sewers Maintenance	297
Public Grounds Department	299
Statement of Expenses, Public Grounds	302
Construction Account	304
Table of Streets	305
City Government and Officers for 1908	434
City Physician, Report of	282
City Solicitor, Report of	399
City Treasurer and Collector of Taxes, Report of	19
Public Property	19
Funded Debt	19
Resources	21
Appropriations from Funded Debt and from Income Cash	22
Assets and Liabilities	22
Balance Sheet	23
Appendix	24
Statement of Accounts	52
Balances	144
Approval of Treasurer's Report	146
Commissioner of Public Buildings (see Public Buildings, Commissioner)	342

Commissioner of Streets (see Street Commissioner)	317
Commissioner of Water (see Water Commissioner)	351
Electric Lines and Lights, Commissioner, Report of	349
Fire Department, Chief of, Report of	386
Fire Alarms	386
Manual Force	386
Apparatus in Service	386
Apparatus in Reserve	387
Horses	387
Recommendations	387
Municipal Building Insurance	387
Bell Alarms and Causes	388
Service of Companies	390
Roster of Department	391
Health, Board of, Report of	243
Organization, Officers, etc.	243
Nuisances	244
Permits	245
Pedlers	246
Ashes and Offal	246
Stables	248
Board of Infants	249
Deaths	249
Mortality	250
Dangerous Diseases	252, 256, 262
Disinfection	253
Hospital for Contagious Diseases	255, 262
Medical Inspection of Schools	255
Bacteriological Department	257, 264
Undertakers	258
Examiners of Plumbers	258
Regulations	258
Tuberculosis Exhibition	258
Financial Statement	259
Medical Inspector, Report of	262
Inspector of Animals and Provisions, Report of	268
Inspector of Milk and Vinegar, Report of	270
Inspector of Animals and Provisions, Report of	268
Inspector of Buildings (see Public Buildings, Commissioner),	342
Inspector of Milk and Vinegar, Report of	270
Jury List	418
Mayor's Inaugural Address	3
Highways	4
Police Department	4
Fire Department	5
City Engineer's Department	5
Other Departments	5
Electric Lines and Lights Department	5
Schools	5
Public Library	6
Poor Department	6
Assessors' Department	6
Trees	6
Lowell Street Bridge	7
No License	7
Veterans of the Civil War	7
Dedication of the Soldiers' Monument	7
The Carnegie Library	7
Hospital	8
Amendments to City Charter	8
Encouragement of Public Spirit	9

Official Responsibility	9
Funded Debt	11
Taxes	12
Appropriations	13
Medical Inspector, Report of	262
Scarlet Fever	262
Diphtheria	262, 263, 264, 266
Typhoid Fever	262, 265, 267
Tuberculosis	262, 265, 266
Contagious Disease Hospital	262
Bacteriological Department	264
Ordinances	416
Overseers of the Poor, Report of	273
Members of the Board, Committees, Officers, etc.	273
Report of General Agent	275
Full Support	277
Partial Support	277
Reimbursements	277
Somerville Hospital	278
Population and Gross Expenditures, 1883 to 1908, inclusive	278
Overseers of the Poor Since 1885	279
Recapitulation	279
Expenditures in Detail	279
City Home, Report of Warden	280
City Physician, Report of	282
Police, Chief of, Report of	394
Arrests	394
Crimes Against the Person	394
Crimes Against Property	394
Crimes Against Public Order	395
Miscellaneous Reports	395
Police Signal Service and Ambulance Reports	395
Official Roster of Department	396
Poor Department (see Overseers of the Poor)	273
Population	152, 189, 445
Public Buildings, Commissioner, Report of	342
Somerville Beach	342
Mystic River Bathhouse, Rules	343
Health Stable	343
Care and Repair	344
Heating and Ventilating	345
Sanitary Conditions	346
Toilets	346
Inspection of Buildings	347
Public Grounds (see City Engineer)	283
Public Library	227
Board of Trustees, Officers, etc.	227
Report of the Trustees	230
Report of the Librarian	233
Cataloguing Department	233
Books Added	233
Binding	233
Books Withdrawn	233
School Department	234
Reference and Art Department	234
Children's Department	236
General Work	236
New Registration	239
Decreasing Expenditure for Books	240
List of Donations	241

Conclusion	242
School Department	147
Report of the School Committee	147
Members, Officers, Committees, etc.	148, 149, 225
Report of Superintendent	150
Summary of Statistics	150
School Buildings	150, 153
Teachers	150, 158, 164, 171, 173, 182, 201, 202, 203, 218
Attendance	150, 152, 190, 195, 198
Cost of Schools	151, 159, 182, 184, 186, 188
Miscellaneous	151, 182
School Census	151, 182, 189
School Registration	152
Truancy	152, 180, 194
Corporal Punishment	153, 179
School Hygiene	154
Additional Accommodations	156
Kindergartens	159, 176
Evening Schools	159, 174, 180, 196
Per Capita Cost	161, 185, 187
Manual Training	162, 178
Teachers' Salaries	164, 173, 218
Course of Study	165
Closing Schools	165
Personal	167
Lemuel Harlow Snow	168
Elmer H. Spaulding	169
Amendments to Rules	170
Cadet Teachers	171, 180
Vacations	174
Organization	176
Primary Schools	176
Grammar Schools	176
Promotions	176, 200
Latin High School	177, 191
English High School	178, 191
Sewing	179
Music	179
Gymnastics	179
Recesses	179
Drawing	179
Penmanship	180
Public Library	180
Janitors	180, 226
Supervision	180
Members of School Board Under Second Charter	181
Appendix	182
Pupils by Grades	192
Graduates	194, 204
Membership, etc., High School	199
Resignation of Teachers	201
Graduation Exercises	204
Organization of School Board, 1909	217
Sealer of Weights and Measures, Report of	397
Sewers (see City Engineer)	293
Street Commissioner, Report of	317
Permanent Paving	317
Mystic Avenue	317
Holland Street Ledge	318
Stone Crusher	318

Street Cleaning	318
Bridges	319
Shade Trees	319
Subways	319
Street Watering	319
Steam Rollers	320
Granolithic Sidewalks	320
Snow and Ice	321
Underground Wires	321
Accepted Streets	322
Sidewalks Maintenance	322
Street Railways	322
Emergency Call	322
Tarvia	323
Suppression of the Gypsy and Brown-Tail Moths	324
Miscellaneous	324
Recommendations	325
Statement of Accounts	327
Streets Constructed	333
Streets Repaired	334
Sidewalks Constructed	335, 336
Gutters Paved	338
Driveways Constructed	339
Driveways Discontinued	339
Driveways Relocated	339
Streets Accepted	340
Street Crossings Laid	341
Length of Accepted Streets	341
Support of Poor Department (see Overseers of the Poor)	273
Water Commissioner, Report of	351
Statement of Accounts	352
Cost of Water Works	352
Water Debt	352
Water Works Income and Distribution	353
Extension of Water Distribution System	353
Hydrants, Gates, etc.	354
Water Services	355
Water Meters	355
Summary of Pipes and Fixtures	356
Inventory	356
Maintenance	356
Water Assessments and Consumption	358
Meterage	359
Mains Laid, Gates, Hydrants, etc.	361
New Gates	363
Main Gate Relocation	363
New Hydrants	364
Hydrants, Renewal	364
Hydrants, Location	365
Private Hydrants	382
Location of Water Posts	382
Location of Drinking Fountains	383
Statistics	384
Financial Statistics	385

