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CITY OF MEDFORD.
THE MAYOR'S ADDRESS
TO THE
BOARD OF ALDERMEN,
JANUARY 1, 1906.

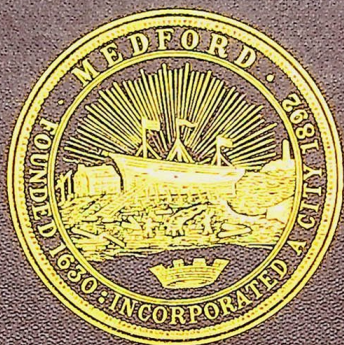
THE
CITY GOVERNMENT,
THE
FINANCIAL STATEMENTS,
AND THE
ANNUAL REPORTS,
FOR THE PERIOD
BEGINNING JANUARY 2, 1905 AND ENDING DECEMBER 31, 1905.

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*Hon. Michael F. Dwyer:
Mayor 1905-06.
Medford, Massachusetts.*

CITY OF MEDFORD.

THE MAYOR'S ADDRESS

TO THE

BOARD OF ALDERMEN JANUARY 1, 1906,

THE

CITY GOVERNMENT

THE

FINANCIAL STATEMENTS

AND THE

ANNUAL REPORTS

FOR THE PERIOD

Beginning January 2, 1905, and Ending December 31, 1905.

PUBLISHED BY THE CITY AUDITOR AS DIRECTED BY THE MAYOR.

MED FORD:

J. C. MILLER, JR., PRINTER.

1906.

ADDRESS
OF
HON. MICHAEL F. DWYER,
MAYOR OF MEDFORD.

Delivered January First, Nineteen Hundred and Six.

Gentlemen of the Board of Aldermen:

The custom has been established by my predecessors in office that the Mayor shall, at the beginning of the second year of his term, address the incoming City Council, or Board of Aldermen, upon the condition, finances and public interests of the city, dealing with its needs, suggesting such matters, and recommending such policies, as to him seem wise. From this custom, I cannot depart. Two-thirds of your number have had at least one year's experience in the government of the city. Many of you have had a still larger connection. This service has given you an insight into its affairs, and a more or less clear idea of its necessities and limitations. I trust you will bring to your work all the intelligence, all the capacity, all the judgment, and all the discretion at your command. The city is a large business enterprise, having for its capital all the property of its citizens. This is practically in your charge. You can by your labors benefit or injure it. The business transacted by the city reaches an enormous total. The amount of the drafts presented to me for the past year for payment was about \$1,250,000. This money is appropriated by you and comes from the people, either directly or indirectly, in the form of taxes. You, as the Legislative branch of the City Government, make the appropriations, the Executive or Administrative Depart-

ments spend it. It is your duty to carefully scan all appropriations, to see that no department receives more than is necessary for a wise and economical conduct of its affairs. This does not mean that you should be close and niggardly, but should give what prudence and a careful regard for the people's welfare demand. Deal with the city as fairly and as generously as you would with your own private business. Medford wants the best and will be satisfied with naught else. We must have all the good things possessed by our neighbors, aye, even better, if possible. The American people, and we among them, have fallen into extravagant ways and it is hard now to put on the brake. It were, indeed, better if we only could curb some of our desires.

The past year has been one of repression, in which every effort has been made to keep down expenses without impairing the efficiency of our public utilities. We have met with some success, which should prompt us to still greater efforts in the year before us. The growth of the city, which seems to have taken another sudden start, calls for larger means to meet our necessities. Still, we can be just without being mean; we can be fair without being penurious, and we can meet all the requirements of our growing population without having the burdens press too heavily upon the generous tax payer. Our tax rate I know is high, very high, and bears weightily upon the owners of small homes. To take off this weight should be our earnest and constant endeavor. I am compelled to admit that the task may prove a difficult one, yet there is hope that by unity of effort and steadfastness of purpose we may reach the goal for which we are striving. I am firmly of the belief that the coming year will bring a material reduction in the tax rate, notwithstanding the burdens and claims of the Commonwealth and the heavy drain upon our resources, caused by the requirements of our Sinking Funds. These last two are matters over

which we have now no control. The debts contracted for our water supply, our sewers, our public buildings and our parks must be provided for, both principal and interest. These are the legacies from previous City Governments. They were all necessary, and we are receiving our share of the benefits derived from the large expenditure of money for parks, sewers, school and other buildings, and water.

The Sinking Funds and interest in the year 1905 called for \$123,437.95 out of \$398,823.99 raised for city purposes. In other words, these two items alone took \$5.76 out of the \$21.40 levied on each \$1,000.00 of taxable property. The law compels us to raise this money and we cannot escape it. Our schools cost \$114,835.00. Thus the requirements of our debt and the cost of our schools took \$240,272.95 of the total city tax of \$398,823.99, including in the debt the \$2,000.00 for insurance, payable annually until 1908. These items, which take \$11.22 of our tax rate, cannot at present be reduced. In fact, the normal increase in scholars annually will cause an increase in the expenses of the schools. The result then is, that whatever reduction or cut is to come in the tax rate must come from the other purposes for which taxes are raised, or there must be an increase in the taxable property of the city and also in the income derived from sources other than taxation. This is the problem we will have to solve and it is well to bear this in mind during the whole of the coming year.

The matter of first importance is the financial condition of the city. Figures are dry reading, but the main facts should be and are here presented:

FINANCIAL STATEMENT.

The auditor's report shows that the total debt for which bonds or notes have been issued is \$1,865,280 75
 The treasurer of the Commissioners of Sink-

ing Funds reports on December 27, 1905,
 the amount standing to the credit of the
 several funds as \$845,893 63
 Leaving the net debt of the city . . . \$1,019,386 94
 A decrease for the year of \$118,631.71 as against \$16,763.74
 in 1904.

The full statement is as follows at the beginning of
 the present financial year:

The bonded debt of the city consists of:

| | |
|--|----------------|
| Medford Water Fund Bonds, \$125,000 00 | |
| City of Medford Water Fund Bonds | 272,000 00 |
| Medford Public Building Loan Bonds | 347,000 00 |
| City of Medford Public Play- ground Loan | 23,000 00 |
| Medford Sewerage Loan | 321,000 00 |
| City of Medford Municipal Loan | 300,000 00 |
| Medford Park Loan | 70,000 00 |
| City of Medford Lincoln Schoolhouse Loan | 25,000 00 |
| City of Medford Metropolitan Park Assessment Loan | 27,000 00 |
| City of Medford City Stable Loan | 15,000 00 |
| | <hr/> |
| Total bonded debt | \$1,545,000 00 |

The notes outstanding were issued for the following
 purposes:

Those secured by sinking funds, as follows:

| | |
|--|-------------|
| Main, Salem and Marshall Streets, due in 1908 . . . | \$45,000 00 |
| Franklin Schoolhouse, due in 1909 | 18,000 00 |
| Boston Avenue Bridge, due in 1910 | 6,500 00 |
| Public Library Building Loan, due in 1910 (a renewal made December, 1900) . . . | 18,000 00 |
| Oak Grove Cemetery Exten- sion, due in 1913 . . . | 18,000 00 |
| Medford Water Loan, due in 1923 and 1924 | 30,000 00 |
| Schoolhouse Sewer Connec- tions, due in 1913 . . . | 12,500 00 |
| Land on Harvard Avenue, due in 1913 (Coupon Notes pay- able to bearer) | 4,000 00 |
| High Street, due in 1914 . . . | 17,500 00 |
| Lincoln Schoolhouse, due in 1913 | 3,450 00 |
| Benham Street District Drain, due in 1914 | 2,000 00 |
| Sidewalks and Edgestones, due in 1914 | 10,000 00 |

Due in 1914:

| | |
|--|------------|
| Revision of Ordi- nances | \$1,000 00 |
| Gypsy and Brown- Tail Moths | 2,000 00 |
| City Stable | 2,500 00 |
| Ambulance | 650 00 |
| Tower Clock | 350 00 |
| | <hr/> |
| | 6,500 00 |

| | | |
|--|------------|----------|
| Medford Water Loan, due in 1925 | \$8,000 00 | |
| Woburn Street District Drain, due in 1915 | 3,650 00 | |
| Due in 1915 : | | |
| Signal Service Po- lice Dept. | \$3,500 00 | |
| High Street | 2,143 24 | |
| | <hr/> | 5,643 24 |
| James Schoolhouse, due in 1915 | 28,000 00 | |
| Gypsy and Brown-Tail Moths, due in 1915 | 5,000 00 | |
| High Street Widening, due in 1915 | 2,300 00 | |
| Governor's Avenue Drain, due in 1915 | 1,700 00 | |
| Auburn Street and Bridge, due in 1915 | 9,000 00 | |
| Medford Water Loan, due in 1925 | 16,000 00 | |
| Usher Road Exten- sion | \$1,100 00 | |
| Basins and Drains, Tainter Street | 300 00 | |
| City Stable | 1,200 00 | |
| Forest Street Wid- ening | 1,200 00 | |
| Woburn Street Dis- trict Drain | 200 00 | |
| George St. Drain, | 1,000 00 | |
| | <hr/> | 5,000 00 |
| Steam Fire Engine, \$2,000 00 | | |
| Bow Street | 500 00 | |
| | <hr/> | 2,500 00 |

| | | |
|--|-------------------|-------------------|
| Notes unsecured by Sinking Funds: | | |
| Insurance, due in 1906 and 1907 | \$3,242 91 | |
| Gypsy and Brown-Tail Moths, due in 1906 | 1,500 00 | |
| | <u> </u> | \$282,986 15 |
| Certificates of indebtedness were issued for Trust Funds and Perpetual Care Fund, amounting to | | 37,294 42 |
| | | <u> </u> |
| The total debt for which Bonds or Notes have been issued is | | \$1,865,280 57 |

The amount standing to the credit of the several sinking funds, December 27, 1905, is as follows:

| | | |
|---|-------------------|------------|
| Water | \$298,816 84 | |
| Public Buildings | 187,008 85 | |
| Sewerage | 117,778 26 | |
| Public Playgrounds | 8,989 60 | |
| Municipal | 140,504 70 | |
| City Notes, due December 15, 1908 | 30,412 43 | |
| Park | 19,460 66 | |
| Lincoln Schoolhouse | 5,420 95 | |
| Perpetual Care Fund Loan | 8,129 40 | |
| Trust Funds | 5,564 32 | |
| Oak Grove Cemetery Extension, | 5,559 88 | |
| Schoolhouse Sewer Connections, | 2,312 84 | |
| Metropolitan Park Assessment Loan | 4,979 63 | |
| City Stable Loan | 1,962 00 | |
| City Notes | 8,993 27 | |
| | <u> </u> | 845,893 63 |

The net debt on January 1, 1906, is \$1,019,386 94

Decrease in net debt for year . \$118,631 71

As against a decrease in the net
debt for the year 1904 of . 16,763 74

The accumulation of the Perpetual Care Fund
from sale of lots, etc., since February 1st,
1901, now in the hands of the Commis-
sioners of the Sinking Funds amounts to . \$6,925 00

During the year 1905 the following notes were issued :

| | |
|---|-------------|
| Note due September 27th, 1906 | \$1,500 00 |
| Notes, due in 1915, aggregating | 59,143 24 |
| Notes, due in 1925, aggregating | 16,000 00 |
| | <hr/> |
| | \$76,743 24 |

The debt has been decreased by the pay-
ment of :

| | |
|---|------------|
| Note due June 1st, 1905 | \$2,000 00 |
| Sewerage Loan Bonds, due July 1st, 1905 | 19,000 00 |
| Sewerage Loan Bonds, due Octo- ber 1st, 1905 | 10,000 00 |
| | <hr/> |
| | 31,000 00 |

Increase in the gross debt since January 2, 1905, \$45,643 24

Assessors' valuation, May 1, 1905, was :

| | |
|----------------------------------|-----------------|
| Real estate, buildings | \$9,166,800 00 |
| " land | 9,226,750 00 |
| Personal estate | 2,846,600 00 |
| | <hr/> |
| Total valuation | \$21,240,150 00 |

The tax rate of \$21.40 per one thousand for 1905 is divided as follows :

| | | |
|------------------------|--------------|---------|
| *State tax | \$25,920 00 | \$0 95 |
| *County tax | 21,283 07 | 73 |
| Sewer tax | 18,421 41 | 87 |
| Park tax | 17,579 63 | 83 |
| Interest | 56,000 00 | 2 63 |
| Sinking fund | 67,437 95 | 3 18 |
| Overlay | 7,476 08 | 35 |
| City tax | 251,811 07 | 11 86 |
| | <hr/> | <hr/> |
| | \$465,929 21 | \$21 40 |

* Less polls, \$5,695.

One sewerage bond, due July 1, 1905, has not been presented for payment, but the interest thereon ceased on that day. There is also a decrease of \$50,000.00 in the amount of money borrowed in anticipation of taxes, which in itself is extremely gratifying. The full statement is creditable to the city and shows that its financial condition ranks with the highest in the Commonwealth. Our credit was never better and we should keep it there.

PARKS AND PLAYGROUNDS.

Early last year, I was surprised to learn that certain spaces had been set apart in the Metropolitan Park Reservation, bordering on Mystic River, for playgrounds. Three in all have been located, one off Riverside Avenue, one on Mystic Avenue, and the third on Winthrop Street. Mr. George O. Foster and R. B. Lawrence, Esq., members of the local Park Board, the former being its chairman, reported that since these lands were taken in 1899 repeated efforts have been made to induce the Street Department to deposit in these places the ashes, street sweepings, and other suitable material collected in their immediate vicinity, but without success. The Metropolitan Park

Commission had agreed that these spaces should be reserved as playgrounds for the children of our city and had defined their limits and boundaries, but on the condition that the city should fill, grade, and prepare them for use at its own expense. The City Engineer was at once directed to stake out the lines, and, from that time on, the Highway Department has been filling in these lands with splendid results, so that in the course of two or three years they will all, probably, be available for public use. They would have been ready long before this had the proper authorities joined with the Park Board in its desire to provide proper playgrounds for our children. I will see that this work is continued, and hope, at the end of my administration this year, that one of these spots may be used in part at least. I refer to the one on Mystic Avenue. My successor, I trust, will see that nothing is left undone to finish this work. The youth of the city are entitled to proper public playgrounds, and I promise to do my part to secure them their rights. Medford is far behind its neighbors in this respect and I cannot understand why the favorable opportunity presented should have been so long neglected, especially as such available locations were offered, which could have been put in prime order at a very slight expenditure of money. Further, they will, when completed, add very materially to the attractiveness and desirability of Medford as a residential city.

The park, sometimes called Leonard Park, located at South Medford has received special attention and by next spring sufficient filling will have been done to make it ready for grading and such other improvements as shall render it both useful and beautiful. The citizens of Ward Five have been patient and their patience is now to be rewarded. I shall, after consultation with our Park Board, recommend at the proper time that a suitable appropriation be authorized for this purpose. These improvements

will bring an increase in valuation in their vicinity, so that the taxes received will, in a short period of time, more than repay the cost. The Park Board have willingly and cordially co-operated with me in all these matters. While on this subject, I will say that public bath houses should be provided just as soon as the proposed dam above Cradock Bridge is built and the Commonwealth has carried out the improvements now in progress along Mystic River, west of Main Street. These may have to wait for another administration, but they should be kept in mind. Public baths are a necessity and should come as soon as they can be procured. The time is certainly not far off.

I will here state that a written agreement or contract has been made with the Commonwealth by virtue of which the course of Mystic River will be changed and a union bridge built by the State at Auburn Street, thus doing away with the present unsafe structure located there. The change in the course of the river is necessary, in order that the plans of the State Board of Health may be complied with and the proposed dam at Cradock Bridge be built. The city pays no part of the cost of this bridge but does pay for the relocation of Auburn Street and the purchase of certain lands, which must be taken in order to carry out the new plan. I am also informed on reliable authority that the plans have been prepared and the terms agreed upon under which the Boston Elevated Railway Company will extend its lines from Sullivan Square Station over the boulevard through Fellsway West and along Forest Street to the Stoneham line. This will open up Middlesex Fells to the people and give the residents of Wellington and Glenwood and the easterly part of the city quick transportation to and from Boston. This means much to the people of these localities, as well as to the city as a whole, since that which benefits one section is a benefit to all.

STREETS.

During the past year, the streets of the city have been cared for out of the General Appropriation, with the exception of Bow Street, for the grading of which \$500.00 was appropriated. All other work has been charged to General Repairs. No pains have been spared to place the Highway Department on a highly efficient basis. The whole apparatus has been put in the best condition possible and the working force has become thoroughly effective. An enormous amount of labor has been performed and more streets have been rebuilt or repaired than for many years. The present status of this department is such, that in the year 1906 our principal streets, particularly Main and Salem, can and will be put in first-class shape, provided a sum equal to that given in 1905 is granted by your board. In July last, after a careful investigation, I ordered the gravel pit near Wright's Pond to be re-opened. Here is as fine a body of blue gravel as can be found anywhere, and particularly adapted for road building. The haul is a long one, so are all in the city, but the results more than pay. All the catch basins and drains in the city, many of which had been clogged and useless, have been cleaned or flushed and now serve the purposes for which they were constructed. I have no regrets for the action I have taken in this department and hold myself personally responsible for the final consequences. I invite your most careful scrutiny and that of all fair-minded citizens. I call upon you, one and all, to visit the city yard, examine carefully the city property there, make a thorough and exhaustive investigation, ask all the questions you wish, and then compare present conditions with past. I have no fear as to your decision. Business and business alone is the watchword. You will find the employees active and alert and a spirit of contentment and satisfaction prevailing throughout the whole

force. There are no bickerings and no rivalries, except the rivalry on the part of every man to do even better than his fellow. Sidewalks and edgestones should receive more attention than in the past, chiefly as regards our main thoroughfares, the approaches to the city. Edgestones should long ago have been placed in Main and Salem Streets. They add to the stability of the sidewalk, hold its form and shape, and keep the gravel and dirt from being forced into the gutters, thus obstructing the same. The charges for cleaning and keeping these open and in order are constantly increasing. A large part of this money could and should be saved. Frequently, communities are judged by first impressions, and the entrances to our city ought to be made as neat and orderly as our circumstances will permit. You should give this subject the full consideration it deserves. More attention is being paid to surface drainage, and drains are being ordered built here and there as occasion may require or the needs of some district may demand. No uniform system has been devised and no complete plan of development covering a section, or the city as an entirety, has been thought out. This is a question to which we must devote our best study and thought.

GAS.

The agitation for a reduction in price, and improvement in the quality, of gas furnished by the Malden & Melrose Gas Light Company was continued the current year and the cities of Malden, Everett and Melrose joined with us. The result of this was a reduction in the price of gas from \$1.30 to \$1.10 per thousand feet. Since that time, a change has come, both in the ownership and control of this corporation, and one of the new officials of the company has informed me that some time this year the price will be reduced to \$1.00 per thousand feet. The improper laying of the gas mains through Myrtle, Spring

and Washington Streets caused a large leakage of gas, which resulted in the destruction of many of the trees on these streets. Professor George E. Stone, of the Massachusetts Agricultural College, made a thorough investigation of the cause of the damage to the trees and has reported in writing his findings. He found in other parts of the city that many trees had died from escaping gas, owing to the careless work of the company in making joints where pipe was laid. The officers of the company have expressed their willingness to settle for the damage done, and, as soon as the amount of the loss can be ascertained, demand will be made for a full recovery. This settlement, probably, will not come until spring. Since the attention of the company was called to the defects in its mains and services, the streets have been thoroughly barred for leaks and all known defects have been or are being remedied.

GYPSY AND BROWN-TAIL MOTHS.

The gypsy and brown-tail moth problem still confronts us and will for many years to come. The Legislature has passed a law regulating the methods of, and providing means for, the destruction of these pests. The national government has been asked to take action and Congress will probably do something at the present session. We have spent a large sum of money the past year in destroying these pests and will be called upon to make further large expenditures during the current year. I know you will be as liberal as the city's purse will allow. The owners of real estate have been notified under the law to clean their property, and many have complied with the request. All owners and occupants of land co-operate with the city by cleaning their own premises. In this way alone can our trees be saved. They do form one of the chief attractions of our municipality. Who can view the stately arched elms on Forest and High Streets without having

his sense of the beautiful thoroughly aroused? Our trees must be saved. We must continue this work.

SCHOOLS.

The public schools appeal to us more than all the other municipal departments. They come closer to our homes and on them depend the future of our children and the permanence of our free institutions. We know that they are expensive, but they are necessary. The money paid in educating our boys and girls is money well spent. I ask you to give for education what money is fairly needed, and demand a full return for what is spent. Keep up the high standard that has been attained; take no backward step. We are in the front rank and must stay there. The yearly increase in salaries, as required by the schedule established years ago, is responsible for the main part of the extra cost of public instruction the past year. This could not be avoided, if the city is to keep faith with its teachers. Of course, the high prices for supplies were responsible for some part of the increase. The annual expenses of the schools must grow with our growth in population. The new building for the James School district is nearing completion and in about three weeks will be ready for occupancy. I call your attention to the fact that under Chapter 471 of the Acts of 1894 every city of 20,000 or more inhabitants must maintain, as a part of its High School system, a Manual Training School. The time is close at hand when we must comply with this command.

ANNIVERSARIES.

The celebration of the 275th anniversary has passed and is now history. You all know the success that attended it; how earnestly and ardently the people joined hands to make the event one long to be remembered both by them and their children. Medford outdid itself. The croakers and the doubters were sent to the rear and there they will

stay, no matter how loudly they may proclaim virtues, which they do not possess, and prate about ideals they have neither the ability, the manhood, or the proper sense of decency and propriety to attain. They are lost, and are only crying aloud in the hope that their wailings may arouse pity for their state of mind and create sympathy, in order that they may arise again. They will be soon forgotten. Medford is too large, too generous, too proud of its manhood, to pay any attention to them or their pessimism. We are a hopeful people, who look to the brightness, the goodness, and the decencies of this life, and have not the time to pay heed to those who would blacken characters and tear down reputations, that they may climb to place and power. Your optimism, your faith in humanity, your respect for truth and manliness, your regard for the right, will point the way and direct you to where justice holds the even scales. Excuse this diversion. Good has come of the celebration. The advertisement gave Medford a start that will send her ahead fast. A demand for homes here has arisen and there are more buildings in process of erection, or contemplated, than for years past. The only regret is that the city did not print a history of its celebration. The proceedings should have been and ought to be recorded. I would not take away one particle of the credit due to the Historical Society, which took the initiative and worked nobly to the end. Still it was a city affair, and as such it should be recorded. It would not be fitting to leave this subject without making public announcement of the names of the men who took hold and made June 17th the red letter day of the celebration. Their names have heretofore been kept in the background. The thanks of the citizens and the city are due to General Jophanus H. Whitney, Major Francis Meredith, Capts. Herbert F. Staples, Otto J. C. Neilson, Lieuts. Thomas F. McGuine and Orville J. Whitney, William H. Flowers, Esq., and

Richard J. Dwyer, Esq., Committee on Parade, who had full charge on that day. They did the work and should receive the praise.

ALMSHOUSE AND OUTSIDE RELIEF.

At the beginning of the last fiscal year, I insisted that the appropriation for the relief of the Poor Department should be divided and not lumped, as in previous years, and that a sufficient sum of money be allotted separately to the "Almshouse" and "Outside Relief," so that each would show its actual cost. The decision proved wise. The total sum allowed both was \$7,800.00 against \$9,225.00 in 1904. The sum of \$4,000.00 was given to "Outside Relief" and \$3,800.00 to the "Almshouse," each of which amounts was less than what each had expended in the previous year. Even with this reduction a large balance would have been left to the credit of the account "Outside Relief" had not transfers been made from this to other accounts. As it is, there is now a fair balance to its credit with all bills for the year paid. How much the saving in this account has been influenced by the steady employment given to labor in the year 1905, I cannot say, but it certainly must have had a decided effect.

WATER.

The Water Department is the cause of considerable anxiety on account of the increase in the amount charged by the State for the water supplied to the city. The State assessment has been growing yearly, as will appear from the fact that in 1901 Medford paid \$17,692.89, while this year \$28,374.60 was paid. For thirty-five years our water rates have remained practically the same. Every Mayor has requested and advised raising the rates charged for water, but no change has been made, except that early last year meter rates were advanced so as to conform more nearly with those of our neighboring cities and also to

correspond with the dwelling house rates then and now in force. It was also decided to install meters in all new services, and all new buildings erected in 1905 are now so supplied. This department ought to be placed on a self-supporting basis. Other cities have changed to the meter system and we must follow, if for no other reason than to check the waste of water. The city is now paying for all that it takes from the Metropolitan system. Formerly the assessment was based one-third on valuation and two-thirds on population. This has been changed to one-third on valuation and two-thirds on consumption of water. If the city is thus to pay for what it uses the takers should pay for what they use. Medford with a population one-half that of Malden has almost as large a consumption, as the following figures show: In the year 1904, Malden's per day consumption was 1,868,000 gallons; Medford's 1,802,900 gallons; during August, 1905, Malden took 2,004,900 gallons daily; Medford took 1,923,900 gallons. It must be borne in mind that we have only one large taker while Malden has several. This indicates a great waste somewhere. Malden has a complete meter service. We have not. You will be asked to make a study of this question during the coming year. The old cement mains are fast wearing out and must be renewed with cast-iron mains. Construction work of this kind has gone on rapidly in the past year, as also in the extensions of mains for which petitions were presented. This work should be continued.

The Spot Pond suits are still pending in the Middlesex Superior Court, the auditors who heard the cases having filed their report last June. Under their finding Medford was awarded \$333,004.95, which included the interest up to June 19th, 1905. This sum is in addition to the amount already paid. Whether this award will stand is not yet settled. The final settlement of these actions may materially affect the Water Department, provided what is

received is used in the reduction of the debt. The total sum received for water rates in 1905 were \$66,746.24 which was disposed of as follows :

| | | |
|-----------------------------------|------------|--------------------|
| Paid for Water Maintenance (net), | \$7,857.83 | |
| “ “ Interest on debt (net), | 16,441.87 | |
| “ to Metropolitan (net), | 28,374.60 | |
| “ “ Treasurer of Sinking Fund, | 14,071.94 | |
| | | <u>\$66,746.24</u> |

Should the Sinking Fund requirements be figured as formerly, the deficit would be \$2,938.06.

Gentlemen of the Board of Aldermen,

I want to keep faith with you and the citizens and inform you and them officially of what I do. The information that I now give, would not have been proper nor right to have given at the time the foregoing statements were written. I wish to announce to you, that I believed and felt some time ago that it was time for me to take action in the matter of the Spot Pond suit cases. I so notified the City Solicitor and the Hon. Nathan Matthews, the principal attorney for the City of Medford. I have taken action and I now inform you that, as a result thereof, the Attorney General of the Commonwealth has this day advised and recommended that these actions be settled by the Commonwealth according to the findings of the auditors. This practically means the end of these cases and the City of Medford will finally receive about \$300,000.00, which ought to be applied in reduction of the water and other debts of the city. I believe that your Board and the citizens are entitled to this information, as well as all other matters connected with the management of the city's affairs, when such information will work no wrong to you or the city. You are entitled to this and you should have it. Therefore, I now give it to you.

FIRE AND POLICE DEPARTMENT.

The fire service of the city is in excellent condition, except that the steam fire engine finally broke down completely last fall. Under a contract with the Manchester Locomotive Works, it is now being reconstructed and rebuilt, with all the new improvements added, for \$2,000.00, with a warranty that, when returned, it will be equal to, and as good as, a new engine, which would cost over \$5,000.00. It should be good for fifteen to twenty years further use. One thousand feet of new hose has been purchased and put in use. The needs of the Hillside district and West Medford for improved fire service and fire protection should command your attention this year.

The Police Department has been favored by the introduction of the Gamewell Signal Service System at an expense of \$4,000.00, of which \$3,500.00 was funded. This has materially added to the effectiveness of the department. New boxes may be added from year to year as occasion requires. The new system is a marked improvement over the former telephone service, which was continually getting out of order. The city saves money by its introduction, as the yearly cost, including interest, Sinking Fund and operation, will be less than that of the telephone. This department needs a stable which can be placed on the land in the rear of the police station on Swan Street, which is owned by the city. The rent and board bills now paid by the city would go far towards paying the cost of the new building. This matter deserves careful consideration and treatment by you.

NEW DEBT, 1905.

The debt contracted in 1905 was entirely for permanent improvement. The only part about which there could be any controversy was the \$6,500.00 for the destruction of the moth pests. This was money well expended for a

commendable purpose and the results, I trust, will prove permanent. The Police Signal System, the James School-house, the Auburn Street Bridge, the Steam Fire Engine, Bow Street, the Tainter Street, Woburn Street District, Governor's Avenue and George Street Drains, the High Street and the Forest Street Widening, for all of which ten year notes were issued, are all necessary, permanent matters. The debts contracted for High Street, Usher Road Extension and the City Stables were forced upon the City Government of 1905, but even these items were proper. The \$16,000 for water construction can be defended in every way. Water we must have and it can be supplied only through water mains. The old worn out, cement-lined pipes have outlived their usefulness. The cast-iron pipe was and is needed and will probably outlive every one of us here present. Those who have received the benefit should pay a part at least of their share. I believe that current expenses should be paid out of the taxes and I have lived up to that belief since I took the oath of office and shall adhere to it this year. If you insist upon having improvements you must pay for them, and, just so long as you allow your desires to run ahead of your ability to pay, you are going to get into trouble and must expect a high tax rate.

CONCLUSION.

The close of the financial year, 1905, saw all the bills against the city presented for payment and in the hands of the auditor. Every department was ordered to have every claim against it presented before the year ended. It is neither right, nor business-like, to have the bills of the previous year coming in all through the following year as happened in 1905. Each year should take care of itself. Some of the departments have kept well within their appropriations, notably the Highway, Outside Relief, and Cemeteries, each of which has a fair balance with every-

thing cleaned up. I have been charged with interfering and looking too closely into the management of these departments. If that is true, the interference paid, and it is just the kind of interference the citizens, who elected me, want and it is just the kind of interference that will be continued during my term of office. In order to bring about harmonious and concerted action of the different administrative and executive departments, each Board was requested to transmit, in writing, to the Mayor's office a detailed report of every meeting, whether regular or special. The Mayor was thus kept informed of the work and acts of the various boards. There is now no friction and each department is ready to, *and does*, assist every other in every way possible. Much money and time has been saved by this co-operation. The city is treated as one single business corporation, every part of which is working with, and for, the benefit of all. I have tried to do my duty and have kept the oath I took when I assumed office. No unfair, unjust, captious criticism will swerve me from duty. I care not what the vicious, the prejudiced, or narrow partisan, or hypocrite, may write or say; I shall stick to the right, as God has given to me to see the right. All will be done that can be done to aid and help the city of my birth. Anything that will make Medford better, more beautiful, more attractive, and more home-like, will receive encouragement from me. I welcome honest, fair, judicious criticism. We are all liable to err. Any suggestion for the advancement or improvement of Medford will be gladly accepted. Complaints, when any wrong is committed, will be welcome. Good advice is always acceptable and will be given honest consideration. The Mayor's office is open to the rich and poor, the high and low, the proud and the humble; all good citizens are cordially invited to state their grievances, or call attention to any violations of law or their rights. Any proper information will be freely given. I am the people's servant and subject to their command. As I stated last year, I am not a candidate for

re-election. My only hope, my only desire, my only aim, is for the advancement and upbuilding of Medford.

Gentlemen, we are here to do the people's will and must, at the proper time, render full account of our stewardship. We have taken the oath of office, and *this* means something. It is not an idle form, and, if we are true to the God upon whom we called, we shall faithfully abide by it and ever keep it in mind. We have a growing and beautiful city, which, with its river, its ponds, its parks and boulevards, and the coming improvements, already under way along and in the upper Mystic, will be made the most desirable residential city in this good old Commonwealth. You will be called upon to consider the ways and means of carrying on its government and providing in part for its future. I feel that you will do your duty faithfully and well. I ask your hearty co-operation in everything that tends to our city's good, that unity and harmony shall prevail. You can depend upon me, and I trust I can depend upon you, in all that is necessary to the benefit of Medford. You will find me ready to assist you in every way possible, and I ask the same cordial assistance from you. I welcome you to your year's work. I trust that you will confer honor and glory upon your city and, at the end of your duties, the citizenship you represent will be proud of you and proud of the work you have done.

REPORT
OF THE
SCHOOL COMMITTEE.

To His Honor Michael F. Dwyer, Mayor:

SIR, — The high standard of our schools has been maintained the past year, and it is gratifying to know that Medford enjoys a good reputation among those who are well informed upon educational affairs in Massachusetts. It is not for us, however, to sing our own praises, but to strive earnestly to correct the faults and supply the deficiencies of which we are ourselves conscious.

Although the rate of growth in our school population has not been so great as it was a few years ago, it is nevertheless necessary to study present conditions and be prepared for the future. The completion of the new James building this winter will relieve the pressure in the eastern section of the city. (See page 10.) In West Medford additional rooms will be needed next September and the problem is somewhat complicated. It has been suggested that the erection of a new fire station might provide a room for school purposes. While such accommodation would be acceptable for temporary purposes, it is against the policy of the School Department to use permanently rooms in buildings not under its own control. The children should be in school-houses surrounded by ample grounds.

Our city has inherited, from the past, six two-room buildings, four of which are in West Medford. When the population was sparse these small buildings were a great convenience; but now they are inadequate and their small size complicates the problem of grading the classes. The

Gleason and Hervey were provided with spaces for stairways to the second floor with the expectation that rooms might be finished above at some future date. The roof of one was trussed so that it would probably be necessary to raise the whole roof in order to utilize the second floor. It seems therefore that these two buildings might be doubled in size without serious expense, and it would then be possible to accommodate the primary grades of West Medford for several years to come. The cost of such alterations in the Gleason and Hervey has been estimated at twelve to fifteen thousand dollars, varying according to the changes in the ventilating system which might be required by the State Inspectors. The building with the trussed roof would take more than half of this amount, the other less than half.

If these buildings are not enlarged, the alternative measure would be to finish the four corner rooms on the third floor of the Brooks and transfer the third grade to that building. This, however, would be unwise at the present time for two reasons: it would be necessary for little children to walk further and the advantages derived from separating the primary grades from the grammar would be sacrificed.

Several times the attention of the City Government has been called to the wisdom of purchasing the lots north and west of the High School building, but a new argument in favor of this is now coming to the front. On reaching twenty thousand population, the city will be subject to the state requirements concerning advanced forms of manual work. It would be inexpedient, if not impracticable, to introduce machinery into the Centre building, and moreover the rooms now used by the elementary classes in manual training will soon be needed for the regular grammar grades. The classes in mechanic arts, woodturning and forging would come from the High School, and a building on the lot north of the High School would be convenient for them

and at the same time centrally located for the elementary classes coming from the various grammar buildings.

The steady increase in the number of children in the Lincoln School emphasizes the need of more land. The property line is only forty-five feet distant from the west end of the building and the capacity of the building is about seven hundred pupils.

Under the head of special repairs mention must be made again of the pavement in front of the High School. It has now become so bad that it is actually dangerous. The recommendation passed two years ago ought to be carefully considered and some measure adopted. The fences around several schoolhouses are in bad condition and must be removed if not rebuilt. Reference is made particularly to the Swan, Curtis and Hall buildings. While in some localities fences are not necessary, in others the best interests of the children indicate their need. For a small city we have a large number of buildings, especially wooden ones, and it must necessarily cost considerable to keep them in repair and prevent excessive depreciation. Although several of them are now in need of paint, the Committee recommend that only the Hillside be done this year.

Upon inquiry it is ascertained that insurance of the steam boilers, including inspection, would cost comparatively little more than the amount now paid under the law for State inspection, and it is believed that the inspection by the insuring company would be much more efficient. The School Committee therefore recommend to the City Government that the steam boilers in the school buildings be insured. This is recommended as a measure of safety and real economy aside from the usual benefits of insurance.

In the selection of school janitors, Medford is now under the Civil Service Law, which is complex in its application. A man already in the service may be transferred to a new building without examination, and a veteran may be certified without examination. Whether or not a license is

necessary to run a boiler depends upon the size of the boiler and whether it has a safety valve approved by the State Inspectors. Finally, a janitor cannot be removed without reasons given in writing and a hearing granted if requested. These complications will deter changes and perhaps impair efficiency. They seem to protect janitors rather than teachers and pupils.

A year ago the Board included within the amount recommended for teachers' salaries a sum sufficient to provide an increase of fifty dollars, beginning June first, for all the teachers in the primary schools and the assistants in the grammar grades. This increase was granted by the City Government. In the first eight grades, therefore, the city is more able to retain the best teachers, and similar protection is now desirable in the High School. The comparatively low salaries in the latter school offer opportunities to other superintendents to take our best teachers away from us. In justice to the principals of our primary buildings we ought to pay them something extra for their additional service and responsibility. Moreover, several of our grammar schools are now so large, having eleven or twelve rooms occupied, that the greatest degree of efficiency requires the appointment of a master's assistant.

The kindergartens have been restored throughout the city except in the extreme western section. The large number of children in that district and the appreciation of kindergarten training among the citizens furnish strong inducements for enlarging the Hervey school and also for engaging temporary quarters during such alterations. Rather than continue to deny those children kindergarten privileges, it would be wiser to restrict the first grade to a single session and use the room for a kindergarten during the other half day.

Upon recommendation of the chairman, superintendent and principal of the High School and after much consideration at two meetings of the Board, it was voted, November

27th, to make music, declamation, military drill and girls' calisthenics elective, and to grant one diploma credit for two years of satisfactory work in each of said subjects. As a result, the following numbers have dropped the several subjects: Music, seventy-six; declamation, forty-four; drill, three, and calisthenics, twenty-nine. The teachers are satisfied that this change will result in better work and thus benefit the school as a whole, while few, if any, individual pupils will lose anything which was of actual value to them before. To the number excused from drill should be added nine boys of grade XIII. excused in September, when there were not enough guns to supply all the boys. On the other hand, two of these excused boys have applied for reinstatement under the new regime.

The regulation of athletics presents problems difficult of solution, but at the present time we are fortunate in having things run smoothly. It is questionable, however, whether it is conducive to the welfare of a public school that a game should yield receipts of \$600, and \$200 be paid to the coach for services. This savors of college sport if not professionalism. If the minds of the pupils are distracted by such outside interests, how can the community obtain a reasonable equivalent for the taxes spent in running the school. It is said that another attempt will be made this winter to pass a law placing under the jurisdiction of a school all organizations bearing its name. Such a measure would give to the school a more effective control of athletics, secret societies, etc.

Attention is again called to the wisdom of introducing medical inspection into the schools, and reference is made to the Committee's report last year on that subject. An ounce of prevention is better than a pound of cure.

Three successive years, 1902-3-4, a vacation school was conducted in the Cradock building through the efforts of the Vacation School Association, and last spring the association succeeded in inducing the City Government to appropriate

\$150 for this purpose. The school, therefore, was conducted by the School Committee. It was even more successful than in previous years. The need of the school and its appreciation by the citizens seem to be demonstrated, and we therefore recommend that the school be continued the coming summer.

APPROPRIATIONS.

The following appropriations are recommended for the year beginning January 1, 1906 :

| | |
|--|--------------|
| Support of schools, including the wages of teachers, fuel, care of fires, schoolroom and school premises, supervision, text-books and supplies, school sundries and incidentals, | \$122,180 00 |
| Evening schools | 1,200 00 |
| Salaries of School Committee and Clerk of School Committee | 750 00 |
| | <hr/> |
| | \$124,130 00 |

The items for the "Support of Schools" is made up as follows :

| | |
|--|-------------|
| Salaries of Superintendent and teachers, present pay-roll and increase under the rules | \$87,940 00 |
| Substitutes | 150 00 |
| New teachers | 920 00 |
| Masters' assistants (Franklin, Brooks, Lincoln) | 720 00 |
| | <hr/> |
| | \$89,730 00 |
| Fuel | 8,500 00 |
| Text-books and supplies | 7,500 00 |
| Water | 1,000 00 |

| | | |
|---------------|-----------|--------------|
| Stewardship | | \$8,450 00 |
| Miscellaneous | | 7,000 00 |
| | | <hr/> |
| | | \$122,180 00 |

Respectfully submitted,

ROSEWELL B. LAWRENCE.
 CHARLES N. JONES.
 WILLIAM C. WAIT.
 AMANDA H. PLUMMER.
 GEORGE E. DAVENPORT.
 SIDNEY GLEASON.
 CLARA T. GUILD.
 GEORGE S. T. FULLER.
 WILLIAM H. COUCH.
 HENRY L. CORNELL.

December 26, 1905.

Appendix.

JAMES SCHOOLHOUSE.

The new James Schoolhouse, which will be completed about January 1, 1906, is a four-room brick primary schoolhouse designed with reference to the future addition of four or eight rooms. On account of this provision for future enlargement the cost per room has exceeded the standard cost for regular four-room buildings, but this building has been erected within the appropriation and without exceeding the contract prices (leaving a margin of about \$500 for furnishing and grading).

As in the case of the Brooks Schoolhouse, the old building was moved back on the lot and set up complete for temporary use. Considerable economy has been effected by using the old sanitary apparatus (not over seven years old) in the new building, pending its future extension. The stair landings and the basements of the old and new buildings are connected by covered passages. There are three entrances, and the staircases, corridors and wardrobes are liberally planned with reference to future extension.

Each of the four class rooms is twenty-five feet by thirty feet, which is liberal for primary rooms. For the first time the Committee has adopted the now accepted theory of lighting exclusively from one side, and the upper half of all class room sash is glazed with ribbed glass, which reduces the glare of direct sunlight and better diffuses the total amount of light for general purposes.

The blackboards, of natural slate, instead of occupying all available spaces, are limited to those which can be used without straining the eyesight of the pupils.

Each class room has the usual teacher's closet and book

closet with drawers and cupboard, besides which there is a liberal storage closet in corridor and teachers' room with two wardrobes and private toilet.

In general finish, the amount of woodwork, joints in same and moldings to collect germs has been reduced to a minimum. All corners are formed of plaster with metal beads. All dados are of sized burlap painted with oil colors. The floors are of white maple.

The heating and ventilating plant (indirect steam with heat control) is fully up to, if not in excess of, the Massachusetts standard; which is too well established to require the giving of further details.

The building was designed by Wales & Holt, architects, and erected under their general supervision, with the assistance of Hollis French and Allen Hubbard as electric and heating engineers, respectively. The general contractor is F. C. Alexander, of Somerville, whose sub-contractor for carpentry is M. M. Dyer, of Medford. The heating contractor is Huey Brothers, of Boston; plumbing contractor, Page & Curtin, of Medford; and electric contractor, the Barnes Electric Company, of Boston.

SCHOOL COMMITTEE.
1906.

Hon. Michael F. Dwyer, Mayor, *Ex-officio*.

MEMBERS AT LARGE.

| | Terms expires |
|---|---------------|
| Rosewell B. Lawrence, <i>Chairman</i> , 31 Salem St., | 1908 |
| Charles N. Jones, <i>Clerk</i> , 352 Salem St. . . . | 1907 |
| Hon. William C. Wait, 194 Forest St. . . . | 1909 |

MEMBERS FROM WARDS.

| Ward | | Terms expires |
|------|---|---------------|
| 1. | Amanda H. Plummer (Mrs. J. M. G.), 36 Lawrence St. | 1907 |
| 2. | George E. Davenport, 67 Fellsway West . | 1907 |
| 3. | Joseph R. DeCamp, 283 High St. . . . | 1909 |
| 4. | Clara T. Guild (Mrs.), 31 College Ave. . . | 1909 |
| 5. | George S. T. Fuller, 7 Alfred St. . . . | 1908 |
| 6. | William H. Couch, 104 Jerome St., W. Medford | 1907 |
| 7. | Henry L. Cornell, 202 Middlesex Ave., Wellington | 1908 |

OFFICE.—High School, Forest Street.

OFFICE OPEN.—8 to 1, 3 to 5 every school day. 8 to 12 Saturdays.

ANNIE I. LETSON, *Clerk*.

Charles H. Morss, *Superintendent*.

RESIDENCE.—34 Summit Road, Medford. Tel. "Medford 146."

OFFICE.—High School, Forest Street. Tel. "34."

OFFICE HOURS.—8.30 to 9 Mondays, Tuesdays, Thursdays, Fridays:
4 to 5 Mondays and Tuesdays. (School days.)

STANDING COMMITTEES.

Appropriations, Mr. Lawrence, Mr. Dwyer, Mr. Wait,
Mr. Jones.
Buildings . Mr. Jones, Mr. Fuller, Mr. Lawrence.
Fuel and Accounts, Mr. Jones, Mr. Davenport, Mr. Cornell.
Evening School, Mr. Couch, Mr. Davenport, Mrs. Plummer.

The Superintendent is a member of all standing committees.

REPORT OF THE SUPERINTENDENT OF
SCHOOLS.

To the School Committee of the City of Medford:

I have the honor to submit herewith my eleventh annual report of the schools.

Our growth in numbers continues steadily, but not with such excessive rapidity as seriously to embarrass us in providing accommodations. The increase in the number of children between five and fifteen years of age in September, according to the annual census, was just one hundred over the number for 1904, while the actual increase in the number of those attending school was 135. For the accommodation of these, five additional rooms have been opened, one each in the Lincoln, Brooks, Hillside, Franklin and James buildings. This would seem to be a sufficient number of new schools, and it would be if we could control the place where the increase should come. But the exigencies of grading and the unequal distribution of the new pupils leave us with six rooms having the number of pupils in excess of the seating capacity. These crowded rooms are in the Centre, Washington, Everett and Gleason buildings. There are several buildings in the city that have plenty of spare seats, but these are not so situated as to relieve the crowded rooms. The Osgood at Wellington can easily accommodate fifty children beyond the present number, but there are not so many in its district, and the location is such as to render it impossible to send any from the crowded buildings. What is really needed is an extra teacher in these buildings to assist wherever necessary and to aid the regular teacher to do the class work as well as it is done in those more favored schools having the smaller numbers. Regrading or redistributing pupils during the school year is a detriment to the best work of all who are obliged to change teachers, and it has been our aim to avoid such transfers whenever possible. A study of the school history of back-

ward children reveals the fact that in a very large number of cases the reason for the backwardness is frequent change of teachers. While changes in the same system of schools is detrimental, those that involve change of system are vastly more so, and it has on this account been our custom to allow and even to urge parents to permit their children to finish the year in the same school in which they start, in order that this waste of energy may be avoided.

The following are the general statistics of the school system for comparison with previous years:

I. POPULATION.

| | |
|--|--------|
| 1905 State census | 19,686 |
| Number of pupils, September census, 1905, 5 to 15 years of age | 3,737 |
| Number of pupils, September census, 1904, 5 to 15 years of age | 3,637 |
| Increase | 100 |

II. SCHOOLS.

| | |
|---|----|
| High School | 1 |
| Grammar Schools, Grades IV-IX | 51 |
| Primary Grades I-III | 31 |
| Kindergartens | 6 |
| | — |
| Total | 89 |

Increase of 5.

III. SCHOOLHOUSES.

| | |
|-------------------------------|----|
| High | 1 |
| Grammar | 5 |
| Grammar and Primary | 3 |
| Primary | 9 |
| | — |
| Total | 18 |

IV. TEACHERS.

| | |
|---|----|
| Number of teachers in High School, Grades IX- XIII (male, 7, female, 11) | 18 |
| Grammar Schools (masters, 6; assistants, VI- IX, 25) | 31 |
| Grammar, Grades IV and V | 20 |
| Primary, Grades I, II and III | 31 |
| Kindergarten | 5 |

| | |
|----------------------------------|-----|
| Total regular teachers | 105 |
|----------------------------------|-----|

Increase of 5.

| | |
|--|----|
| Special teachers: Music, 2; drawing, 2; sewing, 1; manual training, 2; domestic science, 1; military, 1; gymnastics, 1 | 10 |
| Evening schools | 8 |

| | |
|-----------------|-----|
| Total | 123 |
|-----------------|-----|

Increase of 8.

V. PUPILS.

| | Year ending June 30, 1905 | Year ending June 30, 1904 | Increase |
|--|------------------------------|------------------------------|----------|
| Number enrolled | 4,383 | 4,296 | 87 |
| Average number belonging | 3,929 | 3,800 | 129 |
| Average daily attendance | 3,537.6 | 3,411.8 | 125.8 |
| Number in private schools | 84 | 70 | 14 |
| Invalids and defectives (not in school) | 25 | | |
| Number of half days truancy, | 315 | 377 | *62 |

*Decrease.

Uniformity in some things is desirable, in others it is ridiculous. Uniformity in length of session regardless of grade and age cannot be defended on any reasonable ground either of health or necessity. As at present arranged the youth of eighteen spends no more hours in school than the

child of five. Coming from the freedom of the home, or from the short two or three hour session of the kindergarten, the first grade child is expected to be employed usefully on the highway of knowledge for five hours. As a matter of fact the limit of profitable work is reached long before that time. While the city is finding the burden of providing school-houses great, it seems only a natural thing for us to make as extended use of our present accommodations as possible. Kindergartens and first grades can make use of the same room at different times by an arrangement of hours similar to that now in force at the James and Hillside schools, and in this way seventy children may be taught in the same space as, under our usual arrangement, forty can be. Our experience at various times when necessity has compelled this plan has shown that neither the quality nor the quantity of work suffers any deterioration. And if children can do the work in three hours it surely is encouraging bad habits to allow them to take five for it. The adoption of this principle will allow us to postpone for a longer time our frequent calls for additional buildings.

The objections to this shorter session so far as I can learn are from some of the parents who desire to be relieved of the care of their children during a larger part of the day. The hours of care that we give are surely a boon to many a tired mother, but we are paying extravagantly for this sort of care when we require it of the teachers. A lower paid class of service would do this work sufficiently well if it is necessary for the city to render it, and the teachers could devote all their time to teaching.

Your attention is called to the recommendation made in the report for 1904 with reference to the manual training needs. Some definite action should be at once taken to settle what the future development of this work shall be and our plans laid accordingly. It is of course to be expected that it will take several years before we can have anything like a complete course in the subjects of this

department, but we can have our scheme complete, and what development we can make should all be along the line it will take when we have sufficient accommodations and a complete equipment. The work cannot develop where it is from lack of room. As we can look forward to a few years of comparative freedom from building new houses and only few additions to the old, if the recommendations of this report be adopted, it seems the wisest course to begin building for mechanical and manual work very soon. The grammar classes of the Centre need more room and so does the manual training school. Each is in the way of the other and under present conditions neither can grow. The building is plenty large enough for a grammar school for many years, but it never can be put into satisfactory shape for a manual training or mechanics arts school. It is none too early for this Board to secure plans at least for a building suited to our needs even if we are unable to build it directly. At such a school suitable accommodations could be made for the mechanical drawing and other work that should be taken up in connection with the evening school.

HEALTH.

The record of the more serious contagious diseases furnished us by the Board of Health shows the smallest number of cases for many years, only ninety-eight being reported. When we compare this number with 195 in 1904, 101 in 1903, 250 in 1902 and 447 in 1901 we see how much reason we have for rejoicing in our good health. We have had many cases of mumps in the primary schools during the fall months that have caused much irregularity in the attendance. This leads me again to urge some form of medical supervision that shall help teachers to discover contagious diseases in their earliest stages, thereby lessening the chances of an epidemic. No matter how simple and harmless a disease may be, the loss of time to the child is a serious thing because it retards his progress and generally results in discouragement.

Last May the teachers made tests of the powers of vision of 3,054 children. This examination had a two-fold to discover the cases of imperfect vision, and to use this knowledge in assigning work and in seating pupils that their work may be done more advantageously. Many children do not do good school work because their eyes are defective, and consequently they are unable to see the illustrative work that is put upon the boards and charts. In the number examined 1,507, or a little under fifty per cent. were found to have normal eyes, or rather had eyes that were not myopic, although we know that some of these have defects other than this. One hundred twenty-five, or about 4 per cent, had each eye less than five-tenths the normal, and sixteen were as low as one-tenth. None of these had ever been examined by an oculist, although it was well known to the parents that there were defects of some kind existing. School work is very taxing to such children and the earliest notice should be given parents in order that the infirmity may not be increased, as it surely will be if the proper treatment be not given. As a result of these tests many parents have been led to take expert advice with profit to the child and benefit to the school work.

In this connection I wish to urge that measures be taken to remedy the defective lighting of the Everett, Swan, Osgood, Hall, Cradock and Cummings buildings. The additional window with ribbed glass that was put into one room at the Cradock so entirely transformed it that similar results must follow placing them in the other rooms.

| CONTAGIOUS DISEASES, 1905. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
|-------------------------------|--------------------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|---------|
| | Diphtheria | 5 | 3 | 2 | 2 | 4 | 2 | 1 | 3 | 1 | 6 | 8 | 4 |
| Scarlet Fever | 3 | 1 | 1 | 9 | 6 | 4 | | 2 | | | | 3 | 29 |
| Measles | | 1 | | 4 | 6 | 4 | | 1 | | | 1 | 11 | 28 |
| Totals | 8 | 5 | 3 | 15 | 16 | 10 | 1 | 6 | 1 | 6 | 9 | 18 | 98 |

KINDERGARTENS.

The membership of the kindergartens is now 206, with five teachers. These five, with the single exception of the one at the James, hold two sessions in order to accommodate more pupils. The latter teacher has for the fall term assisted in a crowded primary room at the Everett. When the new James is ready for occupancy this kindergarten can then hold two sessions and receive those children who have been patiently waiting for admission.

In order completely to furnish kindergarten training for the whole city we should establish three more, one each at the Hervey, Everett and Curtis buildings. They are perfectly possible and feasible in these buildings in the same way we now have them in the Hillside and James, that is, in the room occupied by the first grades. The pupils of grade one would attend from half-past eight till half-past twelve, and the kindergarten children would then have the use of the room for the afternoon. There are now resident in these districts a sufficient number of children to form very large classes if they all should seek admission.

The membership of the different kindergartens is as follows:

| School. | Teacher. | Membership. | Remaining Accommodations. |
|-----------|-----------------------|-------------|---------------------------|
| Swan, | Anna S. Tucker, | 43 | 17 |
| James, | Edith M. Cushing, | 29 | 1 |
| Brooks, | Alice R. Sprague, | 29 | 1 |
| Cradock, | Mary W. Smith (Mrs.), | 36 | 24 |
| Hillside, | Alice R. Sprague, | 22 | 8 |
| Tufts, | Jane M. Barnard, | 47 | 13 |
| | | 206 | 64 |

Only sixty-four more children can be received into the kindergartens as they now are organized and past experience shows that by spring there will be no vacant places in these schools.

HIGH SCHOOL.

The High School has lost three teachers during the year. One other was retained only by an opportune increase of salary. A change of one-sixth of the whole force yearly means serious hindrance to the work, yet this seems unavoidable. There are only two teachers now in the school who were connected with it ten years ago, and eleven have entered the service within the last five years.

Miss Alice E. Gibson, teacher of botany and zoölogy for two years, died very suddenly of heart disease May 7th. Although she had been with us so short a time she had made great progress in placing these subjects on a higher educational plane. Her death coming so near the end of the school year it seemed best to discontinue the classes for the remainder of the term, and a new teacher was not engaged till the summer vacation, when Miss Lucy C. Thayer, a graduate of Smith College and a successful teacher in the Amherst, Massachusetts, high school, was chosen for the position.

Mr. William H. Detwyler, for the last four years a very successful teacher of French and German in the school, receiving an offer of a position in Yonkers, New York, at a higher salary, left us during the summer vacation, and his place was filled by Miss Alice C. Hood, a graduate of Boston University, and a teacher of several years experience in the high school at Great Barrington.

Miss Nina E. Church, after eight years of service, has been granted leave of absence for one year to continue her studies at Radcliffe, where she had already received the degree of Master in Arts. Miss Mary G. Nelson, a graduate of Radcliffe, who received her training in teaching in our school last year, was selected to take part of her work for the year. The stenography classes meantime have been given in charge of Miss Letson, the clerk in the office of the School Committee.

All of our classes have now become so large that we need the full time of another teacher properly to cover the necessary work. Very little attention can be given to the individual in a recitation lasting forty minutes where there are forty pupils in a division. One minute a day of direct instruction in any subject will not accomplish much for the individual unless he be unusually attentive as well as brilliant, and it is only by the closest attention on the part of the best pupils that they receive all the benefit they should. One additional teacher will help us to do more and better work, but even then we shall not have so large a force as a private school of this size would be expected to maintain. No school of over five hundred pupils should ever think of conducting its classes with less than twenty teachers.

ENROLMENT SEPTEMBER TO DECEMBER 22, 1905.

| | Boys. | Girls. | Total. |
|-------------------------|-------|--------|--------|
| Post Graduate | 2 | | 2 |
| Grade XIII | 29 | 42 | 71 |
| Grade XII | 49 | 51 | 100 |
| Grade XI | 44 | 48 | 92 |
| Grade X | 78 | 88 | 166 |
| Grade IX | 46 | 43 | 89 |
| | <hr/> | <hr/> | <hr/> |
| | 248 | 272 | 520 |

The membership of the school for the year ending June 30, 1905, is given in detail for comparison with other years.

| | Membership 1904-1905. | | Left School during year. | | Not returned September, 1905. |
|-------------------------|--------------------------|--------|-----------------------------|--------|----------------------------------|
| | Boys. | Girls. | Boys. | Girls. | |
| Post Graduate | 2 | 6 | | | |
| Grade XIII | 26 | 28 | 2 | 4 | *41 |
| Grade XII | 34 | 46 | 4 | 7 | 2 |
| Grade XI | 61 | 74 | 6 | 14 | 13 |
| Grade X | 70 | 72 | 13 | 15 | 22 |
| Grade IX | 43 | 48 | 4 | 2 | 5 |
| | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| | 236 | 274 | 29 | 42 | 83 |
| | | 510 | | 71 | |

* Graduated.

REASONS FOR LEAVING SCHOOL, 1904-1905.

| GRADE. | XIII. | | XII. | | XI. | | X. | | IX. | | Total. |
|-----------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | Boys. | Girls. | |
| Moved | | | 1 | 4 | | 4 | 10 | 3 | 1 | 1 | 24 |
| Work | | | 3 | 5 | 1 | 1 | | | 2 | | 11 |
| Home | | | | 1 | 4 | 1 | | 2 | | | 7 |
| Private School | | | | 1 | 1 | | 5 | | | | 7 |
| Sickness | 1 | 1 | | | | 3 | | | 1 | | 7 |
| Inability | | | | | | | 1 | | | | 1 |
| Unknown | | | | | 2 | | | | | | 2 |
| Age | 1 | | | | | | | | | | 1 |
| Normal Art School | | 1 | | | | | | | | | 1 |
| Business College | | 1 | | | 1 | | 2 | | | | 4 |
| Lack of interest | | 1 | 1 | | 1 | | 2 | | 1 | | 6 |
| Totals | 2 | 4 | 4 | 7 | 6 | 14 | 13 | 15 | 4 | 2 | 71 |

The following table shows the membership of the school for ten years, heavy faced type marking the present senior class each year of its progress through the school.

| | XIII. | XII. | XI. | X. | IX. |
|----------------|-----------|-----------|-----------|------------|------------|
| 1905 | 71 | 100 | 92 | 166 | 89 |
| 1904 | 54 | 79 | 130 | 136 | 89 |
| 1903 | 68 | 61 | 93 | 168 | 72 |
| 1902 | 59 | 83 | 83 | 167 | 131 |
| 1901 | 67 | 82 | 104 | 125 | 122 |
| 1900 | 66 | 69 | 100 | 153 | 122 |
| 1899 | 60 | 74 | 93 | 142 | *233 |
| 1898 | 46 | 84 | 95 | 138 | 184 |
| 1897 | 35 | 78 | 107 | 126 | 192 |
| 1896 | 34 | 70 | 105 | 134 | 169 |

*Since 1899 part of Grade IX has been in the grammar buildings.

NUMBER STUDYING EACH SUBJECT, IX-XIII.

| | 1905. | 1904 | Increase. |
|--------------------------------|-------|------|-----------|
| English | 481 | 469 | 12 |
| Advanced Composition | 16 | | 16 |
| French | 259 | 244 | 15 |
| German | 259 | 178 | 81 |
| Latin | 289 | 258 | 31 |

| | | | |
|--------------------------------|-----|-----|------|
| Greek | 40 | 47 | 7* |
| History | 313 | 271 | 42 |
| Algebra | 271 | 272 | 1* |
| Geometry | 120 | 119 | 1 |
| Trigonometry | | | |
| Bookkeeping | 44 | 32 | 12 |
| Commercial Geography | | 32 | 32*† |
| Astronomy | 14 | 15 | 1* |
| Physics | 89 | 89 | |
| Chemistry | 57 | 46 | 11 |
| Zoölogy | 31 | 57 | 26* |
| Botany | 48 | 32 | 16 |
| Geology | 20 | 33 | 13* |
| Physiology | 43 | 30 | 13 |
| Stenography | 31 | 25 | 6 |
| Drawing | 245 | 215 | 30 |
| Mechanical Drawing | 29 | 20 | 9 |
| Manual Training | 90 | 72 | 18 |
| Domestic Science | 43 | 44 | 1* |

* Decrease. † Not offered in 1905.

The graduates of last June are at present engaged as follows :

| | |
|---|----|
| College | 11 |
| Normal Schools | 1 |
| Other Institutions of Learning | 6 |
| Graduate Courses in High School | 1 |
| In business | 19 |
| At home | 3 |
| Total | 41 |

GRADUATES, 1905.

| | |
|---------------------------|---------------------------|
| Alfred Springer Allen, | William Clark Chapman, |
| Melville Hanson Blake, | Harrison Sumner Coday, |
| William Joseph Bogrette, | Kersey Fell Coe, |
| Roy Elbert Carpenter, | Marshall Ernest Comstock, |
| Franklin Chester Cassidy, | Paul James Dodge Haley, |

| | |
|---------------------------|-----------------------------|
| Edward Merritt Hamlin, | Bertha Frances Cram, |
| Wm. Buckminster Hastings, | Elizabeth Josephine Daly, |
| Sidney Channing Hazelton, | Mary Catherine Durkee, |
| John Irving Hyland, | Maude Nina Eaton, |
| Ira Stuart MacDonald, | Guyetta Gladys Gardner, |
| John Edward McGillicuddy, | Katherine Agnes Harriman, |
| Daniel Edward McGrath, | Dora Homer, |
| Arthur Thomas Moreton, | Ruth Nelson Langley, |
| Theodore Palmer Thompson, | Mary Blaisdell Montague, |
| Nathan Harold Tucker, | Helen Withington Moorhouse, |
| Ralph Edmand Witcher, | Florence Baker Robb, |
| Marguerite E. Bacheller, | Alma Arlene Thomas, |
| Mary Elizabeth Badger, | Marion Louise Tilton, |
| Sara Frances Blakely, | Marian Louise Tyacke, |
| Amalia Alexandra Cherbuy, | Helen Margaret Wetherbee. |
| Mildred Ellen Cook, | |

TEACHERS.

It is gratifying to note that the salaries of grade teachers have at last been restored to the maximum \$650 as given in the schedule for 1873. Reckoning on the per diem basis, these teachers now receive \$2.07 instead of \$1.90. In the not distant future it ought to be considered not unreasonable to pay those who have in charge the education of our children \$2.25 or \$2.50 a day. A nurse for the care of the sick body rarely works for less than \$3.00 a day.

Your attention is once more asked to the salaries of principals of primary buildings, who, with one exception, receive the same pay as the grade teachers. The same recommendation as last year is made :

“For principals of buildings with less than one hundred, that is, for the two-room buildings, the salary may well be left as it is, the same as a grade teacher. But for buildings having over one hundred and less than two hundred, it seems to me that we should give at least twenty-five dollars a year more than is paid the grade teachers; and let twenty-five dollars be added for each one hundred pupils.”

“A similar treatment should be given the masters of the grammar schools.”

Resignations.

| | | |
|----------------------|-------------|-------------|
| Elizabeth Mooney, | Washington, | April 18. |
| William H. Detwyler, | High, | July 10. |
| Georgia B. Wilson, | Centre, | October 10. |

Died.

| | | |
|------------------|-------|--------|
| Alice E. Gibson, | High, | May 7. |
|------------------|-------|--------|

Appointments.

| | | |
|---------------------|------------------------------|--------------|
| Mary G. Nelson, | High, | September 1. |
| Lucy C. Thayer, | High, | September 1. |
| Alice C. Hood, | High, | September 1. |
| Ione T. Hersey, | High (Library Assistant), | September 1. |
| Mabelle A. Hall, | Osgood, | September 1. |
| Marion E. Coburn, | Brooks, | September 1. |
| Helen F. Townsend, | Hervey, | September 1. |
| Sara K. Tilton, | Hillside, | September 1. |
| Alice G. Phemister, | Cummings, | September 1. |
| Agnes M. Robertson, | Lincoln, | September 1. |
| Martha A. Loud, | Music (Assistant), | September 1. |
| Carl A. Ahlstrom, | Manual Training (Assistant), | September 1. |

Leave of Absence.

| | | |
|------------------|---------|---------------------------|
| Amy W. Jones, | Curtis, | January 1 to June 30. |
| Ellen M. Lane, | Hall, | January 2 to March 31. |
| Henry B. Doland, | Centre, | January 16 to May 12 |
| Nina E. Church, | High, | Sept. 1 to June 30, 1906. |
| Dora I. Gay, | Hervey, | Sept. 1 to June 30, '06. |

Temporary Assistants.

| | | |
|------------------------|---------|------------------------|
| Nora Moholland (Mrs.), | Curtis, | January 1 to June 30. |
| Alice H. Moore (Mrs.), | Hall, | January 2 to March 31. |
| Mary A. Hogan (Mrs.), | Centre, | January 16 to May 12. |

Transfers.

| | | |
|-------------------|---------------------|--------------|
| Alice J. Kennedy, | Osgood to Franklin, | Sept. 1. |
| Agnes G. Sweeney, | Cradock to James, | September 1. |

VACATION SCHOOL.

The success attending the first season of the vacation school under city control justifies the hope that not only will this school be continued but that others in different parts of the city will be opened. They are as much needed as the regular school and should not be regarded in the least as a luxury. For details of the school your attention is asked to the report of the principal, Miss Hinman.

Mr. Charles H. Morss, Superintendent of Schools :

Dear Sir,—The Vacation School was opened at 9 A. M., July 10th, in the Cradock School Building. The children, both boys and girls, were there early in large numbers; those anxious to make the most of their opportunities and those eager for nothing but fun. They were all admitted and allowed to stay just so long as they showed good behavior. After completing the weeding process, which lasted two or three days, an enrollment list of 136 resulted, consisting of children between the ages of four and fifteen years. This was supplemented by names from the waiting list whenever vacancies occurred.

The largest number of children in attendance on any day was 109, the smallest number, seventy-three; average attendance, eighty-three. There were four teachers in all, the Principal, Miss Sanborn the Sloyd teacher, Miss E. Maud Cushing the Kindergartener, and Miss Couzens a college student who volunteered her services.

The morning exercises, conducted by the principal in the kindergarten room, occupied the first half hour of the day. They consisted of songs, prayer, memory gems, one or two games and a short story containing some truth which the children might think on during the day. At 9.30 we separated; the Sloyd teacher taking the girls from the ages of ten to fifteen for sewing, the boys from ten to fifteen going with the principal for cardboard construction work, the little boys and girls from five to ten doing kindergarten work, and the little children four years old doing a more simple kindergarten work with Miss Couzens. At 10.30 the older boys and girls changed rooms, the boys going to Sloyd, and the girls to sewing, raphia or some kind of cardboard construction work. At eleven o'clock the little ones all went out of doors with their teacher to play games or amuse themselves in the sand box. Thus the day went and sometimes all too quickly as was indicated by the desire of some of the children to stay and "help" rather than go home to dinner.

We were fortunate in having all sunshiny days with the exception of one or two, when the kindergarten children played their games in doors. In all the manual work our aim was not only to give the children correct instruction along those lines, but to develop their

æsthetic tastes and to enlarge their inventive capacities, making them more original in designing useful articles for themselves.

An exhibition of the work was held Thursday P. M., August 10th, from two to four. This had been advertised through the papers and was very well patronized by the public, considering the very hot weather.

Beside the manual work done each day, the older children weeded the garden belonging to the Cradock School, while the younger ones expressed their altruistic spirit in making a number of large scrap books, some sets of building blocks of wall paper, and representations of such stories as "The Three Bears," etc., in paper cuttings. These were sent to the Children's Hospital in Boston.

Very respectfully submitted,

FLORA E. HINMAN, *Principal*.

September 11, 1905.

EVENING SCHOOL.

The evening school of last season was continued till February 28. The quality of the work done warranted such continuance, and as the school increases in numbers it will be advisable to hold sessions through March probably. After getting well initiated to the work this school goes on with the steadiness of definite purpose.

The class of young boys from fourteen to eighteen years of age is the most perplexing one with which to deal. They come to the school in large numbers every fall with no definite purpose, and caring little for reading, arithmetic or penmanship, the only school subjects for which they are fitted, soon lose interest. There are no public places other than the streets where they can meet each other for sociability. The reading room of the public library is not open to them. Hence it seems to me that it is the plain duty of the evening school to try to interest these youths who spend their evenings so aimlessly. If we can give them a room in which they may have quiet games and conversation a part of the evening we may induce them to do something in reading the rest of the time. That is, it seems to me wisest to adopt the methods so successfully employed by the Young Men's Christian Association and by Boston Educational Centres.

Mr. Charles H. Morss, Superintendent of Schools :

Dear Sir,—I beg to submit the following report of the Medford Evening School.

In accordance with my last report, school continued through January and February in three of the rooms. The stenography class became so small that it was discontinued after January 24. The average attendance of the school was about fifty. The results of the work for the last weeks were far more satisfactory than for the same time earlier in the year. The pupils were in a position to work faster and better because the subjects were fresh in their minds. Then they, who still continued, were the most anxious to learn.

This fall, two evenings, October 4 and 5, were given to registration. This method proved to be a great help in assisting the pupils to elect subjects. It gave a chance also to arrange classes, but there were so many pupils for each room that the plan was not so successful as it would be if carried further and more rooms opened for a few evenings until the actual work of the pupils could be seen. It would enable teachers to get better acquainted with the boys and girls and exert some influence over them. There is a certain class which we lose every year, largely because the teachers have not been able to show an individual interest and get hold of them. It is impossible for a teacher to take more than fifteen pupils of the elementary classes and to assist them enough to keep them contented. Even with small classes a large percentage of our registered pupils will drop out.

The total registration this year has reached 320 and the average attendance since October has been 95.7. This is a gain of 14.5 over last year's attendance. The average would have been still greater if the stenography class had met four evenings as formerly.

Classes have been formed in stenography, bookkeeping, mechanical and freehand drawing, and the elementary branches. The stenography and drawing classes have met twice each week, the other classes four times. There have been thirty-five sessions this year before Christmas against forty-four last year. School closed for the holidays with an excellent entertainment furnished by local artists.

There were enough who wished to take algebra and geometry to form classes if teachers could have been supplied. The Principal has been obliged to confine himself almost entirely to the bookkeeping class, because it was so large at first and later there was no assistant. As a result he has not been able to learn and to know the pupils in the other classes as he should. It is a great help to the Principal to be free to assist where there is need. It gives him a chance to become acquainted with the pupils, an invaluable aid in arousing certain pupils to regular attendance and better work.

All the classes have been doing very good work. The elementary class has made excellent progress. The wisdom of placing an assist-

ant in that room has certainly been proved. An assistant was also required in the grammar room. I believe the plan of placing assistants in the large rooms will do much to improve the school. I hope it will be possible to continue doing so.

There is one feature which has appeared this year that I wish to bring before you for your consideration. In it there is, I believe, the making of the most successful evening school Medford has yet enjoyed. This year the boys have formed a club, whose object is "Literary and Social Improvement." It is much like the old-fashioned lyceum. Already they have begun to conduct business meetings in a practical way, receiving help and profiting thereby. They have had a "Talk" by Mr. Rosewell Lawrence. Emphasis has been laid upon the fact that conduct and regular attendance constitute qualifications to membership. Certainly the club has been successful so far and has been a credit to the school.

A large part of the pupils come to Evening School because their means will not permit them day school privileges. They work through the day. Many of them are away from home from seven o'clock in the morning until seven at night. When they have finished their duties for the day, recreation is certainly what they most desire. It is natural that a large portion seek amusement rather than school. It is not possible to place before the pupils the advantages of our school unless we can interest them to come regularly. If some plan can be found to bring them to school, the value of the school will be increased very much.

Let a room be opened one evening each week for games and amusements. Give them a chance to hold literary meetings, a chance to enter into sports like basketball and physical exercises. In short, give the boys something which appeals to their nature and they will show an eagerness not possible to obtain from work alone. Such a plan under proper supervision will help to bring out what is in them.

I trust some method may be found which will be effectual in getting the boys together and in holding them in our school.

The force of teachers has been efficient. Most of them had had experience in evening schools before so that they knew how to take hold with the work. All have shown a willingness to make the school a success.

In closing this report I wish to thank the Superintendent, who has taken a great interest and helped in every way possible to organize and to improve the school.

Respectfully submitted,

ARTHUR R. WEBSTER, *Principal*.

December 22, 1905.

In connection with the celebration of the 275th Anniversary of the settlement of Medford an exhibition of the chil-

dren's work in drawing, manual training, sewing and cooking was given in the assembly hall of the High School. This exhibition was open to the public during the three days of the celebration both day and evening and also Sunday afternoon.

On Friday, June 16, the day appointed for special school exercises, the primary schools met in the halls of the grammar buildings, while the grammar grades seven to nine met in the morning, and grades four to six in the afternoon, at the Opera House. At all these exercises a miscellaneous program of story telling, singing and tableaux illustrative of the history of the country during the last 275 years was given by the children assisted by some outside talent.

The work of the schools throughout the year has been marked by unusual enthusiasm due undoubtedly to the excellent health conditions. Whatsoever of good has been accomplished is through the unremitting zeal and tireless activity of the teachers, and I wish thus publicly to express my appreciation of their earnest co-operation in carrying out our plans for the betterment of the schools.

Respectfully submitted,

CHARLES H. MORSS,

Superintendent of Schools.

Medford, Mass., January 8, 1906.

Appendix A.

REPORT OF THE TRUANT OFFICER.

Mr. Charles H. Morss, Superintendent of Schools:

Dear Sir.—The undersigned respectfully submits his report as Truant Officer from January 1, 1905, to January 1, 1906.

I have investigated 260 cases of unexplained absence, and reported the same to the teachers; of this number 48 were cases of truancy.

I have also made 1964 visits to the schools, visited four factories where minors are employed, and found 5 girls and 10 boys at work with labor certificates properly vouched for. Four cases of illegal employment were discovered, and the children returned to school without prosecution of the employer.

The various articles of clothing which have been sent to the Superintendent of Schools for distribution have enabled me to provide suitable clothing for many destitute children who were absent from school on account of no clothes.

I wish to thank the superintendent, the secretary and the teachers for their kind assistance which they have given me during the past year.

Respectfully submitted,

HENRY F. MOORE,

Truant Officer.

Appendix B.

STATISTICS—PUBLIC DAY SCHOOLS. FROM SEPTEMBER, 1904, TO JUNE, 1905.

| Schools. | Enrolment. | Average Membership. | Average Attendance. | Number of Tardinesses. | Number of Dismissions. | Number of Half Days Absence. | Number of Half Days Truancy. |
|----------------------|------------|---------------------|---------------------|------------------------|------------------------|------------------------------|------------------------------|
| High | 510 | 470.0 | 441.7 | 501 | 315 | 4,206 | 1 |
| Washington | 283 | 257.2 | 235.1 | 281 | 200 | 5,244 | 54 |
| Franklin | 477 | 441.0 | 403.0 | 255 | 304 | 10,093 | 10 |
| Everett | 205 | 183.5 | 167. | 186 | 53 | 3,707 | 5 |
| Swan | 102 | 107.2 | 144.8 | 103 | 75 | 4,871 | |
| Osgood | 64 | 53.7 | 47.1 | 91 | 76 | 1,619 | 3 |
| James | 174 | 147.3 | 128.6 | 135 | 81 | 4,236 | |
| Curtis | 90 | 83.1 | 71.0 | 172 | 80 | 2,412 | |
| Brooks | 525 | 469.8 | 421.0 | 556 | 551 | 13,360 | 81 |
| Gleason | 87 | 77.6 | 66.7 | 123 | 46 | 3,151 | 2 |
| Hall | 106 | 95.0 | 87.5 | 257 | 106 | 2,323 | 5 |
| Hervy | 92 | 85.4 | 75.5 | 207 | 43 | 2,434 | 2 |
| Centre | 223 | 211.4 | 195.1 | 231 | 202 | 4,391 | 8 |
| Craddock | 180 | 173. | 154.9 | 208 | 56 | 4,864 | 9 |
| Hillside | 106 | 150. | 133. | 138 | 81 | 4,220 | 1 |
| Cummings | 86 | 59.5 | 53.4 | 127 | 26 | 1,352 | |
| Lincoln | 493 | 443.1 | 396.2 | 308 | 354 | 13,571 | 123 |
| Tufts | 421 | 358.6 | 313.6 | 331 | 102 | 9,722 | 5 |
| Totals | 4,383 | 3,929.1 | 3,537.0 | 4,430 | 2,760 | 95,935 | 315 |

Appendix C.

STATISTICS OF PROMOTION.

JUNE 30, 1905.

1 DENOTES PROMOTED. 2 DENOTES NOT PROMOTED.

| GRADE | One. | | Two | | Three. | | Four. | | Five. | | Six. | | Seven. | | Eight. | | Nine. | |
|-----------------------|----------------|-----|------|-----|--------|-----|-------|------|-------|------|------|------|--------|------|--------|------|-------|------|
| | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| | High | | | | | | | | | | | | | | | | | 81 |
| Washington | | | | | 44 | 1 | 73 | 20 | 32 | 3 | 47 | 4 | 40 | 4 | 36 | 6 | 50 | 23 |
| Franklin | | | | | 42 | 5 | 47 | 3 | 61 | 11 | 73 | 33 | 53 | 6 | 43 | 20 | | |
| Everett | 38 | 4 | 47 | | 44 | 3 | | | | | | | | | | | | |
| Swan | 38 | 5 | 43 | 2 | 44 | 3 | | | | | | | | | | | | |
| Osgood | 7 | | 7 | | 4 | | 5 | | 5 | 1 | 10 | | 6 | | | | | |
| James | 38 | 2 | 75 | | | | | | | | | | | | | | | |
| Curtis | 20 | 6 | 13 | 0 | 20 | | | | | | | | | | | | | |
| Brooks | | | | | | | 57 | 14 | 60 | | 80 | 3 | 84 | 7 | 79 | 3 | 40 | 1 |
| Gleason | 23 | 8 | 22 | 2 | 16 | 1 | | | | | | | | | | | | |
| Hall | | | 46 | 6 | 42 | 8 | | | | | | | | | | | | |
| Hervey | 76 | 14 | | | | | | | | | | | | | | | | |
| Centre | | | | | | | 34 | | 30 | 6 | 41 | 4 | 43 | | 36 | | | |
| Craddock | 50 | 13 | 48 | | 43 | 4 | | | | | | | | | | | | |
| Hillside | 31 | 5 | 12 | | 35 | 2 | 28 | 2 | 11 | | | | | | | | | |
| Cummings | | | 24 | 3 | 10 | | | | | | | | | | | | | |
| Lincoln | | | | | | | 75 | 2 | 90 | 27 | 60 | 10 | 55 | 1 | 60 | 11 | 27 | |
| Tufts | 102 | 12 | 98 | 4 | 71 | 1 | 20 | | | | | | | | | | | |
| Total | 432 | 69 | 435 | 23 | 380 | 25 | 339 | 41 | 313 | 48 | 317 | 54 | 281 | 18 | 263 | 40 | 198 | 28 |
| Per cent | 88 | 14 | 95 | 5 | 94 | 6 | 88 | 12 | 85 | 15 | 85 | 15 | 94 | 6 | 85 | 15 | 86 | 14 |
| Average age | 6 y | 6 y | 7 y | 7 y | 8 y | 9 y | 10 y | 10 y | 11 y | 11 y | 12 y | 12 y | 13 y | 13 y | 13 y | 14 y | 14 y | 15 y |
| | 11 m | 6 m | 11 m | 4 m | 10 m | 2 m | 11 m | 8 m | 2 m | 3 m | 2 m | 5 m | 4 m | 5 m | 11 m | 3 m | 10 m | 9 m |

Appendix D.

NUMBER OF PUPILS BY GRADE AND AGE, SEPTEMBER 30, 1905.

| YEARS | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | Totals. |
|--------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|---------|
| Kindergarten . . . | 44 | 115 | 12 | | 1 | | | | | | | | | | | | | | | 172 |
| Grade I . . . | | 107 | 254 | 80 | 12 | 4 | | | | | | | | | | | | | | 457 |
| “ II. . . | | | 95 | 217 | 81 | 35 | | 2 | | | | | | | | | | | | 430 |
| “ III. . . | | | 1 | 88 | 200 | 108 | 25 | 12 | 4 | 1 | | | | | | | | | | 448 |
| “ IV. . . | | | | 4 | 66 | 187 | 105 | 56 | 16 | 8 | | | | | | | | | | 437 |
| “ V. . . | | | | | 9 | 55 | 147 | 107 | 45 | 18 | 7 | 1 | 1 | | | | | | | 300 |
| “ VI. . . | | | | | | 4 | 73 | 116 | 104 | 45 | 16 | 5 | | | | | | | | 303 |
| “ VII. . . | | | | | | | 1 | 11 | 124 | 77 | 56 | 15 | 2 | 8 | | | | | | 353 |
| “ VIII. . . | | | | | | | | | 5 | 36 | 104 | 93 | 38 | 7 | | | | | | 283 |
| “ IX. . . | | | | | | | | | | 4 | 62 | 103 | 75 | 23 | 5 | | | | | 272 |
| “ X. . . | | | | | | | | | | 1 | 7 | 47 | 66 | 30 | 11 | 2 | | | | 164 |
| “ XI. . . | | | | | | | | | | | | 1 | 21 | 37 | 22 | 8 | | | | 89 |
| “ XII. . . | | | | | | | | | | | | | 7 | 41 | 28 | 21 | 3 | | | 100 |
| “ XIII. . . | | | | | | | | | | | | | 1 | 8 | 22 | 28 | 8 | 2 | 1 | 70 |
| “ XIV. . . | | | | | | | | | | | | | | | 1 | | | | | 1 |
| Totals . . . | 44 | 221 | 372 | 380 | 378 | 394 | 361 | 362 | 334 | 317 | 323 | 220 | 149 | 91 | 60 | 11 | 2 | 1 | | 4,029 |

Appendix E.

NUMBER BY AGES AND NUMBER BY GRADES.

| Grades . . . | PRIMARY. | | | GRAMMAR. | | | | | | HIGH. | | | | | | Totals. | | | | | | | |
|------------------|-------------------|-----|-----|----------|-----|-----|-----|-----|-----|-------|-----|-----|-----|----|----|---------|--|--|--|--|--|--|-------|
| | Kinder- garten | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | | | | | | | |
| September . 1896 | 118 | 403 | 333 | 258 | 269 | 244 | 230 | 226 | 202 | 169 | 134 | 105 | 70 | 34 | 4 | | | | | | | | 2,308 |
| September . 1897 | 183 | 421 | 340 | 275 | 292 | 266 | 235 | 257 | 209 | 192 | 112 | 102 | 75 | 35 | 1 | | | | | | | | 2,995 |
| September . 1898 | 234 | 432 | 364 | 318 | 325 | 253 | 235 | 236 | 232 | 181 | 138 | 95 | 84 | 42 | 4 | | | | | | | | 3,153 |
| September . 1899 | 227 | 421 | 408 | 361 | 330 | 301 | 264 | 243 | 225 | 233 | 152 | 93 | 74 | 61 | 5 | | | | | | | | 3,398 |
| September . 1900 | 244 | 436 | 400 | 411 | 388 | 336 | 272 | 269 | 222 | 187 | 151 | 98 | 67 | 60 | 6 | | | | | | | | 3,547 |
| September . 1901 | 182 | 452 | 385 | 409 | 411 | 366 | 346 | 236 | 230 | 205 | 125 | 104 | 82 | 59 | 8 | | | | | | | | 3,600 |
| September . 1902 | 208 | 503 | 404 | 369 | 400 | 348 | 362 | 341 | 205 | 220 | 167 | 83 | 83 | 59 | 8 | | | | | | | | 3,760 |
| September . 1903 | 87 | 587 | 430 | 388 | 355 | 358 | 347 | 345 | 300 | 180 | 108 | 93 | 61 | 68 | 1 | | | | | | | | 3,768 |
| September . 1904 | 122 | 494 | 459 | 427 | 360 | 367 | 372 | 336 | 308 | 242 | 136 | 130 | 79 | 54 | 6 | | | | | | | | 3,892 |
| September . 1905 | 172 | 457 | 430 | 448 | 437 | 390 | 363 | 353 | 283 | 272 | 164 | 89 | 100 | 70 | 1 | | | | | | | | 4,029 |

| Ages . . . | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | Totals. | | | |
|------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|---------|--|--|-------|
| | September . 1896 | 27 | 199 | 252 | 277 | 200 | 251 | 252 | 196 | 252 | 219 | 199 | 167 | 134 | 75 | 37 | 10 | | | | | | |
| September . 1897 | 69 | 194 | 256 | 266 | 300 | 266 | 270 | 240 | 238 | 260 | 213 | 168 | 116 | 86 | 39 | 13 | | | | | | | 2,995 |
| September . 1898 | 76 | 239 | 286 | 288 | 275 | 282 | 296 | 269 | 260 | 227 | 223 | 183 | 130 | 83 | 42 | 10 | 3 | | | | | | 3,153 |
| September . 1899 | 93 | 200 | 326 | 313 | 311 | 285 | 300 | 285 | 279 | 282 | 230 | 198 | 153 | 76 | 52 | 12 | 3 | | | | | | 3,398 |
| September . 1900 | 82 | 242 | 359 | 321 | 315 | 323 | 309 | 290 | 317 | 289 | 247 | 194 | 104 | 89 | 42 | 12 | 3 | | | | | | 3,547 |
| September . 1901 | 6 | 222 | 332 | 349 | 363 | 330 | 340 | 307 | 285 | 326 | 261 | 199 | 118 | 82 | 41 | 15 | 1 | 3 | | | | | 3,600 |
| September . 1902 | 8 | 221 | 402 | 343 | 381 | 353 | 332 | 332 | 320 | 283 | 301 | 223 | 130 | 76 | 41 | 12 | 2 | | | | | | 3,760 |
| September . 1903 | 25 | 218 | 358 | 404 | 324 | 365 | 346 | 313 | 347 | 306 | 263 | 235 | 147 | 67 | 35 | 10 | 5 | | | | | | 3,768 |
| September . 1904 | 28 | 189 | 367 | 373 | 397 | 353 | 362 | 337 | 310 | 339 | 298 | 232 | 155 | 93 | 37 | 8 | 4 | | | | | | 3,892 |
| September . 1905 | 44 | 221 | 372 | 380 | 378 | 394 | 361 | 362 | 334 | 317 | 323 | 229 | 149 | 91 | 60 | 11 | 2 | 1 | | | | | 4,029 |

Ages are taken from half year to half year; i. e., 6 years 6 months to 7 years 6 months are called 7.

Appendix F.

LIST OF TEACHERS.

| <i>Teachers.</i> | <i>Department.</i> | <i>Where educated.</i> | <i>When elected.</i> |
|-------------------------------|-----------------------|---------------------------------|----------------------|
| Charles H. Mors, A. M., | Superintendent. | Harvard, | 1895. |
| HIGH SCHOOL. | | | |
| Leonard J. Manning, A. B., | Head Master, | Harvard, | 1877. |
| | Physics. | | |
| Frank S. Gilkey, A. B., | Master, Greek, Latin, | Harvard, | 1897. |
| Percy S. Brayton, A. B., | Master, | Harvard, | 1903. |
| | Mathematics, Physics. | | |
| Frank T. Wingate, A. B., | Master, | Bates, | 1903. |
| | Mathematics, Latin. | | |
| Henry E. Scott, A. B., | Master, History, | Harvard, | 1903. |
| Frank A. Kennedy, A. M., | Greek, Latin, | Harvard, | 1900. |
| Arthur R. Webster, A. B., | Mathematics, | University of Vermont, | 1904. |
| Sara A. Clapp, | French, German, | Paris, Göttingen, | 1894. |
| Emma F. Gill, | History, | Boston Normal, | 1880. |
| C. Elizabeth Walters, | Mathematics, | Bridgewater Normal, | 1896. |
| Laura P. Patten, | Chemistry, Geology, | Boston University, | 1897. |
| *Nina E. Church, A. M., | English, Stenography, | Radcliffe, | 1897. |
| Marion B. Story, A. M., | English, French, | Radcliffe, | 1903. |
| Olive A. Dame, A. B., | English, French, | Tufts, | 1903. |
| Ruth B. Dame, A. M., | English, Latin, | Tufts, | 1904. |
| Mary E. Ames, A. B., | English, German, | Wellesley, | 1904. |
| Mary G. Nelson, A. B., | English, Latin, | Radcliffe, | 1905. |
| Lucy C. Thayer, A. B., | Biology, | Smith, | 1905. |
| Alice C. Hood, A. B., | French, German, | Boston University, | 1905. |
| Miriam Harris, | Gymnastics, | Normal School of Gymnastics, | 1903. |
| Ione T. Hersey, | Library Assistant, | Bridgewater Normal, | 1905. |
| WASHINGTON SCHOOL. | | | |
| B. F. Morrison, A. B., | Master, IX., | Bowdoin, | 1866. |
| Alfred R. Winter, A. B., | Submaster, IX., | Brown, | 1904. |
| Harrjett A. Wetherbee, | VIII., | Emerson College of Oratory, | 1902. |
| Annie E. Durgin, | VII., | Medford High, | 1877. |
| Martha E. Hayes, | VI., | Bangor High, | 1876. |
| Margaret L. Sheridan, A. B., | V., | Boston University, | 1904. |
| FRANKLIN SCHOOL | | | |
| Bliss P. Boultenhouse, A. B., | | | |
| Master, | VIII., | Boston University, | 1900. |
| Alice J. Kennedy, | VIII., | Bridgewater Normal, | 1903. |
| Frances M. Eastman A. B., | VII., | Smith College, | 1902. |
| Mary Waltt, | VII., | Coffin School, Nantucket, | 1903. |
| Louisa W. Lasell, | VI., | Salem Normal, | 1888. |
| J. Ethel Guild, | VI., | Bridgewater Normal, | 1903. |
| Nellie M. Baker, | V., | Farmington Normal, | 1896. |
| Josie E. Blakely, | V., | Salem Normal, | 1904. |
| Anna M. Roberts, | V., | St. Johnsbury Academy, | 1901. |
| Elizabeth Fernald, Ph. B. | V., | University of California, | 1901. |
| Marlette T. Fernald (Mrs.), | V., | Medford High, | 1893. |

* Leave of absence.

EVERETT SCHOOL.

| | | | |
|------------------------------|-------|-----------------------------------|-------|
| Ira L. Hartshorn, Principal, | IV., | Medford High, | 1872. |
| Adelaide S. Herriott, | III., | Hyannis Normal, | 1878. |
| M. Agnes Firmin (Mrs.) | II., | Miss Symonds' Training School, | 1897. |
| Ruth K. Burrage, | I., | Bridgewater Normal, | 1898. |

SWAN SCHOOL.

| | | | |
|--------------------------------|---------------|-----------------------------------|-------|
| Alice G. Davenport, Principal. | III., | Salem Normal, | 1895. |
| Alice C. Reed, | II., | Hyannis Normal, | 1891. |
| Jennie S Archibald, | I., | Medford High, | 1890. |
| Anna S. Tucker, | Kindergarten, | Miss Symonds' Training School, | 1898. |

OSGOOD SCHOOL.

| | | | |
|-----------------------------|---------------------|-----------------------|-------|
| Mabelle A. Hall, Principal, | VII., VI., V., | New Hampshire Normal, | 1905. |
| Mary P. Tiltcomb, | IV., III., II., I., | Girls' High, Boston, | 1904. |

JAMES SCHOOL.

| | | | |
|----------------------------|---------------|-------------------------------------|-------|
| Mary L. Storrs, Principal, | I., | Miss Wheelock's Training School, | 1900. |
| Hetty F. Walt, | II., | Medford High, | 1852. |
| Clara E. Conant, | III., | North Adams Normal, | 1904. |
| Agnes G. Sweeney, | III., | Salom Normal, | 1903. |
| Edith M. Cushing, | Kindergarten, | Miss Page's Training School, | 1899. |

CURTIS SCHOOL.

| | | | |
|--------------------------|------------|-----------------|-------|
| Amy W. Jones, Principal, | III., II., | Hyannis Normal, | 1882. |
| Josephine A. Martin, | I., | | 1905. |

BROOKS SCHOOL.

| | | | |
|--------------------------|---------------|-------------------------------------|-------|
| Lewis F. Hobbs, Master, | IX., | Phillips Exeter Academy, | 1876. |
| Marion E. Coburn, A. B., | IX., | Radcliffe, | 1905. |
| Gertrude S. Light, | VIII., | Girls' High, Boston, | 1884. |
| Effie B. Collins, | VIII., | Wellesley College, | 1903. |
| Minnie A. Brooks, | VII., | High School, | 1903. |
| Katherine M. Soule, | VII., | Castine Normal, | 1897. |
| Alice F. Wilbur, | VI., | Bridgewater Normal, | 1889. |
| Bertha E. Forster, | VI., | Fitchburg Normal, | 1903. |
| Annie W. Hubbard, | V., | Bradford Academy, | 1897. |
| Marion B. Pennell, | IV., | Bridgewater Normal, | 1900. |
| Bertha C. Brown, | IV., | New Britain Normal, | 1896. |
| Alice R. Sprague, | Kindergarten, | Miss Wheelock's Training School, | 1902. |

GLEASON SCHOOL.

| | | | |
|-----------------------------------|------------|-----------------------------------|-------|
| Catharina W. Billings, Principal, | III., II., | Quincy High, | 1892. |
| Alice L. Bryan, | I., | Miss Symonds' Training School, | 1895. |

HALL SCHOOL.

| | | | |
|---------------------------|-------|---------------|-------|
| Ella L. Alden, Principal, | III., | Medford High, | 1883. |
| Ellen M. Lane, | II., | Medford High, | 1866. |

HERVEY SCHOOL.

| | | | |
|---------------------------|-----|-----------------------------------|-------|
| Mabel Packard, Principal, | I., | Bridgewater Normal, | 1898. |
| *Dora I. Gay, | I., | Miss Symonds' Training School, | 1894, |
| Helen F. Townsend, | I., | Bridgewater Normal, | 1905. |

CENTRE SCHOOL.

| | | | |
|--------------------------|--------|---------------------|-------|
| Henry B. Doland, Master, | VIII., | Bridgewater Normal, | 1886. |
| Harriet E. Brooks, | VII., | Dudley Academy, | 1887. |
| Mabel C. Lund, A. B., | VI., | Radcliffe, | 1904, |
| Mary N. Brown, | V., | North Adams Normal, | 1905. |

CRADOCK SCHOOL.

| | | | |
|-----------------------------|---------------|-----------------------------------|-------|
| Goldie M. Smith, Principal, | III., | Fitchburg Normal, | 1903. |
| Della E. Joslin, | IV., | Bridgewater Normal, | 1902. |
| Jennie W. Waterman, | II., | Medford High, | 1871, |
| Flora E. Hinman, | I., | Westfield Normal, | 1902. |
| Mary W. Smith (Mrs.), | Kindergarten, | Miss Symonds' Training School, | 1895. |

HILLSIDE SCHOOL.

| | | | |
|----------------------------|---------------|-------------------------------------|-------|
| Grace W. Lilly, Principal, | IV., | Farmington Normal, | 1904. |
| Sara K. Tilton, | VI., V., | Medford High, | 1905. |
| Elizabeth A. Carty, | III., II., | Girls' High, Boston, | 1865. |
| Bertha M. Lawrence, | I., | Miss Symonds' Training School, | 1895. |
| Alice R. Sprague, | Kindergarten, | Miss Wheelock's Training School, | 1902. |

CUMMINGS SCHOOL.

| | | | |
|----------------------------------|------------|-------------------------------------|-------|
| M. Frances Blaisdell, Principal, | IV., III., | Miss Wheelock's Training School, | 1902. |
| Alice G. Pheinstler, | II., I., | Mrs. Perry's Training School, | 1905. |

LINCOLN SCHOOL.

| | | | |
|-----------------------------------|--------|---------------------------------------|-------|
| George W. Parsons, A. M., Master, | IX., | Bowdoin, | 1890. |
| Agnes M. Robertson, A. B., | VIII., | Radcliffe, | 1905. |
| Winifred L. Evans, | VIII., | Gorham Normal, | 1892. |
| Rhoda C. Slate, | VII., | Westfield Normal, | 1901. |
| Annie E. Barbeau, | VII., | Denver City Normal, | 1901. |
| E. Alice Sills, | VI., | Provincial Normal, N. B., | 1892. |
| Marie Burnham, | VI., | Farmington Normal, | 1898. |
| Helen M. Johnson, | V., | Malden High, | 1890. |
| Ella A. Leighton, | V., | Lincoln Academy, Newcastle, Maine, | 1885. |
| Annie P. Danforth, | V., | Salem Normal, | 1903 |
| Alice G. Thompson, | IV., | Hyannis Normal, | 1901. |
| Gertrude P. Desmond, | IV., | Salem Normal, | 1901. |

* Leave of absence.

TUFTS SCHOOL.

| | | | |
|-------------------------------|---------------|-----------------------------------|-------|
| Jesse M. Dinsmore, Principal, | III., | Hyannis Normal, 1 | 1885. |
| Sara E. Kirwen, | III., | Rhode Island Normal, | 1904 |
| Mary I. Pheinstler, | II, | Chelsea High, | 1897. |
| Inez H. Libbey, | II., | Bridgewater Normal, | 1895 |
| Emma E. Whitney (Mrs.), | I., | Framingham Normal, | 1894 |
| Marion D. Paine, | I., | Radcliffe, | 1904. |
| Retta R. Barrett, | I., | Westfield Normal, | 1904. |
| Jane M. Barnard, | Kindergarten, | Miss Symonds' Training School, | 1896, |

SPECIAL TEACHERS.

| | | | |
|------------------------------|----------------------|------------------------|-------|
| Charles E. Boyd, | Music, | Conservatory of Music, | 1898. |
| Martha C. Loud, Assistant, | Music, | | 1905. |
| Josephine Kintz, | Drawing, | Normal Art, Boston, | 1903. |
| Helen L. Savary, Assistant, | Drawing, | Normal Art, Boston, | 1903. |
| Cora L. Russell (Mrs.) | Sewing, | Salem Normal, | 1895. |
| Joseph T. Whitney, | Manual Training, | Institute Technology, | 1894. |
| Carl A. Ahletrom, Assistant, | Manual Training, | | 1905. |
| Mary M. Lake, | Domestic Science, | Framingham Normal, | 1900. |
| General J. H. Whitney, | Military Instructor, | | 1889. |

SYLLABUS FOR EXPERIMENTAL WORK IN SCIENCE,

MEDFORD, 1906.

(A revision of the Syllabus of 1897.)

TOPICS AND DIRECTIONS PREPARED BY CHARLES H. MORSS AND
LEONARD J. MANNING.

GRADE V.

Experiment 1. — Apparatus: — Stout iron wire six inches long, alcohol lamp (home made), six inch spike (round).

Bend the wire round the spike so as to make a snug fitting ring, just tight enough to allow the nail to be pushed in and out. Heat the nail in the alcohol flame for a few minutes and then try to push it through the wire loop. Do you succeed?

What has happened? What did it?

Experiment 2. — Apparatus: — Two blocks of wood about 3 x 4 x 6 inches, ten inches of stout iron wire, six inches more of the same kind, alcohol lamp.

Fasten one end of the long piece of wire to one of the blocks by bending a half inch of it at right angles and forcing it into a nail hole already made in the block; let the other end rest freely on the other block, but against the lower part of another wire arranged as an index. Draw a pencil mark along the index wire to show its present position. Heat the long wire.

What do you notice? What is the reason for it?

Experiment 3. — Apparatus: — A candle.

Light the candle. Can you feel any heat? What does the heat do to the candle? Name some other substances that you have seen to melt because of heat. State briefly *two* effects of heat upon solids. In Experiment 2, if you could heat the iron hot enough, how much would it expand?

Experiment 4. — Apparatus: — A test tube, a tight fitting cork through which passes a piece of glass tubing six or eight inches long, alcohol lamp.

Fill the tube even full of water. Press the cork in firmly. Mark on the glass tube the point at which the water stands. Warm the tube gently in the flame of the lamp. Does the water remain at the same level in the tube? Explain.

Experiment 5. — Apparatus: — A test tube one-third full of water, alcohol lamp, a piece of paper folded into a narrow strip to hold the test tube.

Heat the water continuously for five or ten minutes, passing the tube back and forth through the flame. Be careful not to allow the flame to touch the part of the tube above the water. Describe what takes place. What has become of the water? What do you think the bubbles are that break away at the surface?

Experiment 5 (at home). — Apparatus: — A saucer and some water.

Set aside in some quiet warm place a saucer of water and watch it for a day or two.

Can you state briefly two effects of heat upon water?

We hang clothes out to dry; what becomes of the water?

Experiment 6. — Apparatus: — Test tube, water, alcohol lamp.

Invert the test tube in a tumbler of water and gently heat the part that is out of water. What has happened to the air in the test tube? What did it do?

Can you now state what the general effect of heat is upon all bodies?

Experiment 7. — Apparatus: — Same as in Experiment 6, also a piece of ice or some snow and another test tube.

Repeat Experiment 6, but after removing the heat keep the mouth of the test tube under water. Place the second test tube inverted in some water and hold the part that is out of water with some snow or ice.

What is the effect of cold upon air?

Experiment 8. — Apparatus: — A test tube, a paper holder, alcohol lamp, a small square of glass, some water.

Heat the water in the test tube, hold over the mouth of the tube the square of glass, having it as cold as possible.

What do you notice upon the glass? What did the heat do to the water? What has the cold glass done? How does the air get its moisture? What is the cause of clouds? What is the cause of rain?

Experiment 9. — Apparatus: — The test tube and stopper and glass tube used in Experiment 4, some ice and salt.

Instead of heating the water as in Experiment 4, place the test tube in a mixture of salt and ice and watch the water in the tube. Does the level remain the same? What is the cause? What is the effect of cold upon water? What happens to the liquid if it is kept long enough in a very cold place? What are two effects of cold upon water?

Experiment 10. — Apparatus: — The wire and spike of Experiment 1, some ice and salt.

Be sure that the wire loop fits the spike snugly, but allows freedom of motion; then place the wire loop in a mixture of ice and salt and allow it to stay for several minutes; then remove and quickly see whether the spike will now fit the loop. Can you explain? What effect has cold upon the iron?

GRADE VI.

Experiment 1. — Apparatus: — A piece of iron wire about three inches long, an alcohol lamp.

Hold one end of the wire between the fingers and place the other end in the flame of the lamp.

What did you notice? How did the heat get there?

The wire is said to be heated by *Conduction*. Can you make a definition for *Conduction*, used in this sense?

Experiment 2. — Apparatus: — A piece of copper wire three inches long, a piece of match three inches long.

Experiment to see if there is any difference between the copper, iron and wood with regard to conduction.

What would you understand by *good* conductors and *bad* conductors?

In general, what substances should you consider good, and what bad conductors?

Experiment 3. — Apparatus: — A test tube, some water, an alcohol lamp.

Fill the test tube three-quarters full of water. Take hold by the bottom of the tube and pass the upper part of the water back and forth through the flame of the lamp. Be sure that the flame does not touch the part of the tube above the water.

Can you make the water at the top boil?

Does the part that you have hold of feel hot?

Is water a conductor of heat?

At this point bring out by questions, if possible, the fact that gases are poorer conductors than liquids.

Why are loose garments, and garments loosely woven, a good protection both from heat and cold?

Do you see any philosophy in the fact that the hair of animals, like the horse, cat and dog, sometimes "stands on end" in cold weather?

Experiment 4. — Apparatus: — Alcohol lamp.

Hold your hand a little way from the flame, beneath, on the side of, and above the flame. At what place is the heat most intense?

Experiment 5 (at home). — Apparatus: — A piece of wire and a piece of writing paper.

Draw on the paper an unfolding line, so that the windings shall be about three-fourths of an inch apart. Cut along the line; give the central portion a conical form; place the cone on a pointed end of a vertical wire and allow the remainder of the paper to fall spirally around the wire. Place the spiral over a flame or hot stove.

What causes the motion?

Hot air rises and colder air presses in from the sides to take its place. In this way a room is heated. When heat is diffused in this way the process is called *Convection*.

Give a definition of Convection.

Can a piece of iron be heated by Convection?

Experiment 6. — Apparatus: — A lamp chimney, a candle,

some touch-paper. [Touch-paper may be made by dipping some unglazed paper into a strong solution of Saltpetre (Potassium Nitrate) and then allowing the paper to dry. It will smolder with much smoke.] The spiral of Experiment 5.

Cover the candle flame with the chimney, blocking the latter up a little way so there may be a circulation of air beneath. Hold the spiral over the chimney. How does the motion compare with that when it is held merely over the candle?

Hold smoking touch-paper near the bottom of the chimney.

Is there any evidence of *Convection*?

What is the office of the chimney?

Do you know anything about Trade-winds?

Recall what you have learned about the general effect of heat upon solids, liquids and gases, and see if you can give a good reason why hot air rises.

Experiment 7.—Apparatus:—A small thin glass flask, some boiling water, some ink, a stopper, some large vessel of cold water.

Fill the flask with boiling water, color the water with a teaspoonful of ink, stopper the flask, and lower it deep in the vessel of cold water. Withdraw the stopper.

Describe what takes place, and see whether you can give a proper name to the process that goes on.

Experiment 8.—Apparatus:—Same as in Experiment 7.

Repeat the above experiment, only hold the flask inverted.

What difference in result from the former experiment?

What is the reason?

Will hot air move downwards?

Will hot air move sidewise?

When you stand in front of a hot stove or in the sunlight and get warm, does the warmth reach you by *Conduction* or *Convection*?

Is the air between you and the fire warmed? In answer-

ing this think of standing before a hot fire out of doors on a cold windy day.

The process by which you are warmed is called *Radiation*.

Make a definition of Radiation.

Name and define the ways by which heat is diffused.

GRADE VII.

Experiment 1.—Apparatus:—A tuning fork.

Strike one of the tines sharply against the knee. Place to the ear, and then bring it lightly in contact with the edge of the table.

What do you hear? What is the fork doing?

Experiment 2.—Apparatus:—A rubber band.

Stretch the rubber band, then “pick” it. Observe as in Experiment 1.

Experiment 3.—Apparatus:—A call bell or a gong.

Strike the bell, then allow your pencil to hang loosely against it.

Observe as before.

Why does the pencil move?

From these three experiments can you infer what sound is due to?

Experiment 4.—Apparatus:—A tuning fork and a lath, or any light piece of wood.

Hold the lath horizontally with one end resting lightly against the panel of a door. Make the tuning fork vibrate, and pass the end of its handle against the free end of the lath.

Where does the sound seem to come from?

Infer how the vibrations reached that point.

Is sound transmitted through water?

Can you relate any instance?

Is sound transmitted through the air?

How do you know?

Experiment 5.—Apparatus:—A wire stretched over some sounding box.

"Pick" the wire gently and observe the effect.

Notice the distance through which the string vibrates.

Pick it harder and observe as before.

Infer what loudness of tone depends upon.

Experiment 6.—Apparatus:—Another wire lighter or heavier than the one used in the preceding experiment but of the same length.

Stretch the wire with the same force as before, and then repeat the former experiment.

Compare the tone of this string with that of the other.

Infer what the pitch of a string depends upon.

Experiment 7.—Apparatus:—The same as above with a movable block.

Place the movable block at one end, sound the string and note the tone. Move the block so as to shorten the string, sound again and note the tone.

Can you infer another reason for difference in pitch or tone?

State now two causes of difference in pitch of two strings.

Experiment 8. — Apparatus: — The same as before.

Stretch one of the strings with any force; sound it and notice the pitch. Increase the force of tension, sound and notice the pitch.

Can you infer another reason for difference in pitch of strings?

State the three causes of difference in pitch of strings.

What strings give high tones?

What strings give low tones?

How are the strings of a piano varied to produce the different tones desired?

How are pianos tuned?

Experiment 9. — Apparatus: — A glass rod, a piece of silk, some cotton batting.

Place on the table some bits of the cotton batting. Rub the glass rod briskly with silk for a half minute or so, then hold it over the bits of cotton.

What happens?

What does the glass rod exert?

Call this *force* Frictional Electricity.

Why "Frictional"?

Does the cotton remain on the glass rod?

If it flies off, try to recover it with the rod, before it touches any other object.

Try the same, after it touches the table.

Do you succeed?

Are *attraction* and *repulsion* illustrated here?

Write briefly but clearly, in one paragraph, what you have learned from this experiment.

Experiment 10. — Apparatus: — A pith ball hung by a silk thread from some support (best of glass), glass rod, a silk handkerchief, stick of sealing wax, a piece of flannel.

Rub the glass rod with the silk and present it to the pith ball. As soon as the pith ball is thrown off the glass, rub the stick of sealing wax with flannel and present it to the pith ball.

What happens?

See if you can make the pith ball jump back and forth between the glass and sealing wax.

Experiment 11. — Apparatus: — As above with an additional pith ball.

Present the electrified glass rod to the two pith balls hanging beside each other from the same support.

Make the same experiment with the electrified sealing wax.

State clearly what happens.

Experiment 12. — Apparatus: — The same as above, but with an additional support.

Hang the pith balls separately. Electrify one by means of the glass rod, and the other by means of the sealing wax; then bring them slowly toward each other.

What happens?

Now review in your mind the experiments in electricity.

How many kinds of electricity have you noticed?

What effect upon each other have bodies electrified alike?
 What effect upon each other have bodies electrified unlike?

Call the electricity excited in the glass *Vitreous*, and that in the wax *Resinous*.

Like electricities ———?

Unlike electricities ———?

GRADE VIII.

Note.—Beginning with Grade VIII, note books are to be used in all science work.

I. LIGHT.

Experiment 1. — Apparatus: — A lighted candle, a piece of window glass, a piece of thin paper, a piece of pasteboard.

Study these four objects.

(a) Which gives light?

(b) Which obscures light?

(c) Which partially obscures light?

(d) Which allows light to pass readily through it?

The lighted candle is a *luminous* body.

The glass is a *transparent* body.

The thin paper is a *translucent* body.

The pasteboard is an *opaque* body.

Define each of these four terms and give other examples of such bodies.

Experiment 2. — Apparatus: — A candle, three cards, through each of which is a good sized pinhole, pasted to blocks of wood so that they will stand.

Place these cards so that you can see the lighted candle through all three cards at the same time.

(a) How do you place the cards?

(b) In what kind of a line does light travel?

Rays of light are represented by single straight lines.

Beam of light is a collection of parallel rays.

Pencil of light is a collection of converging or diverging rays.

Experiment 3.—Apparatus:—Two candles, an opaque cylinder, a dark room.

Place the cylinder upon a table in a dark room. Place the lighted candles four inches away from the cylinder, making the distance between the candles equal to the diameter of the cylinder. Notice the shadows—one dark, the other light.

(a) Is there any space behind the cylinder that does not receive light from either candle?

(b) Can you explain why there are one dark and two light shadows?

Experiment 4. — Apparatus:—Top of a pasteboard box about one foot square. Cut out a piece eleven inches square so as to leave a frame. Paste smoothly on this frame and over this hole a piece of thin white paper. This screen can be set up by placing the side of the box cover down and putting any convenient weight on the inside. Now cut out a pasteboard square, two inches on a side, and mount it on some standard. In a dark room set up the screen, place the square four inches from the screen and put a lighted candle one inch from the square. Trace carefully with a pencil the outline of the lighter and the darker shadow. The darker shadow is called the *umbra* and the lighter shadow the *penumbra*. Now prick pin holes through the umbra and notice whether any part of the candle can be seen through them. Next prick pin holes through the penumbra, above, below, and on both sides of the umbra, and note what parts of the flame can be seen.

Can you explain how umbra and penumbra are produced?

Experiment 5. — Apparatus:—A candle, a card two inches square.

Fasten to the wall a large sheet of paper for a screen. Hold the card parallel with the screen and eight inches in front of it. Hold the lighted candle opposite the middle point of the card and eight inches in front of it. Mark on the screen the outline of the shadow. Measure its sides. How

does it compare in area with the card? If the card were placed twice as far from the candle, how much light would it receive from the candle compared with the amount it received when eight inches away?

Place the card eight inches from the screen and the candle four inches from the card. Mark on the screen the outline of the shadow. How many square inches of screen does the shadow cover? If the card were placed twelve inches from the candle, how much light would it receive compared with the amount it received when four inches from the candle?

Can you fill out the following sentence?

The light falling upon a given area varies as
distance from the source of light.

II. AIR AND ITS CONSTITUENTS.

Follow directions given in "First Lessons in Chemistry" by G. P. Phenix.

Air,— occupies space,— supports combustion.

Oxygen,— preparation,— supports combustion,— compare with air.

Nitrogen,— does not support combustion.

Carbon dioxide,— preparation,— properties,— sources.

Hydrogen,— preparation,— properties.

Flame.

Some common oxides.

GRADE IX.

Read Carefully and Often.

1. Under the heading EXPERIMENT, describe exactly what you did.
2. Under the heading OBSERVATION, describe what you saw.
3. Under the heading REMARKS, explain what you saw and tell what the experiment teaches.
4. Neatness is of the first importance. Slovenly work, though accurate, will not be marked higher than C.
5. Apparatus broken must be paid for at once.

EXPERIMENT 1.

I held an inverted tumbler evenly above a vessel of water and then pushed it down into the water.

OBSERVATION. — Tell whether the water goes up inside of the tumbler.

REMARKS. — Give a reason for this.

EXPERIMENT 2.

I wound some wet paper around the stem of a funnel tube. I then fitted the stem air-tight into the neck of a bottle. I then poured water quickly into the funnel.

OBSERVATION. — Tell whether the water flows into the bottle or stays in the funnel.

REMARKS. — Explain.

EXPERIMENT 3.

I put about a half inch of water into a flask. I then closed the flask with a rubber stopper through which passed a glass tube long enough to have its end under the water. I then held the flask firmly on the table and blew hard through the tube and quickly removed my mouth.

OBSERVATION. — Tell what happens when you are blow-

ing and what happens when you take your mouth away from the tube.

REMARKS. — Explain why the water spurts out of the tube.

EXPERIMENT 4.

I filled a tumbler to the brim with water. I then covered the tumbler with a piece of paper, and holding the paper in place with the palm of my hand, I turned the tumbler upside down over the sink, and then took away my hand.

OBSERVATION. — Does the water stay in the tumbler?

REMARKS. — Tell what holds the paper and water.

DEFINITIONS. — Matter is anything which takes up space. Energy is the power to cause motion.

Exercises.

Can you give any reason why we say that air is matter?

Can you give any proof that air possesses energy.

A STUDY OF THE SPRING BALANCE.

Make an exact drawing of the face of the spring balance, enlarging so as to show plainly how the lines of the two scales compare. Draw the index in its position when the balance is held in a vertical position.

Exercises.

How many grams can you weigh with the spring balance?

How many grams does each space stand for?

How many ounces can you weigh?

What does each space on the ounce side stand for?

Which edge of the index is even with the zero mark?

Which edge of the index must you use when reading the weight indicated?

EXPERIMENT 5.

I weighed a stone in air, then in water, and obtained the following result.

Record.

| | GRAMS. | OUNCES. |
|-------------------------------|--------|---------|
| Wt. of stone in air | | |
| “ “ “ “ water | | |
| Difference. | | |

REMARKS. — Tell why the stone weighs less in water than in air?

Can you tell what is meant by the expression “the buoyant power of water”?

DEFINITION. — The number obtained by dividing the weight of a body by the weight it loses when placed under water is called the *Specific Gravity* of that body.

EXPERIMENT 6.

I determined the specific gravity of a piece of marble according to the following table:

Record.

| | GRAMS. | OUNCES. |
|---------------------------|---------|---------|
| Wt. of marble | | |
| “ “ “ in water | | |
| Loss of wt. “ “ | | |
| Therefore sp. gr. = | ÷ | = |

EXPERIMENT 7.

In the same way as in the last experiment I determine the specific gravity of a piece of glass.

(Make your “Record” in the same form.)

EXPERIMENT 8.

In the same way as in the preceding experiments I determine the specific gravity of a piece of lead.

(Make your “Record” in the same form.)

Problems.

1. If a body weighs 30 grams in air and 20 grams in water, what is its specific gravity?
2. If a body that weighs 75 grams in air loses 15 grams when weighed in water, what is its specific gravity?

3. If the specific gravity of a body is 11 and its loss in weight when weighed in water is 10, what is the true weight of the body?

4. If a body weighs 30 grams in air and its specific gravity is 5, what is its weight in water?

N. B.—In the following exercise you will use a cylindrical glass called a *graduate*. When there is water in it you will notice that the surface of the water curves up the side of the glass. To read the number of cubic centimeters of water in the glass, place your eye on a level with the centre of the surface of water.

EXPERIMENT 9.

I filled a graduate about half full of water and noted the exact volume of the water. Then by means of a piece of thread I lowered a stone into the water in the graduate and again noted where the surface of the water stood.

Record.

| | |
|---------------------------|-------|
| Volume of water | c. c. |
| “ “ “ and stone | c. c. |

REMARKS.—State how many cubic centimeters of stone you have, and explain how you get it.

Questions.

1. Why does a body weigh less in water than in air?
2. What volume of water does a body under water displace?
3. What does the loss of weight of body under water represent the weight of?
4. How do you get the specific gravity of a body?
5. The specific gravity of iron is 7.2. What does this tell you about the weight of any piece of iron?

Problems.

1. The weight of one cubic foot of water is 62.4 lbs. The specific gravity of cast iron is 7.2. What is the weight of a rectangular block of iron 4 ft. long, 3 ft. wide and 2 ft. thick?

2. The specific gravity of sulphur is 2. What would be the weight of a cube of sulphur measuring 2 ft. on the edge?

A STUDY OF THE METER ROD.

According to directions I made the following drawing of a part of the meter rod.

(Make the drawing according to these directions, which you need not copy.) Use a sharp pencil. Lay a meter rod on your note book and rule a line each side of the rod, thus giving you the exact width of the rod. Now turn the rod onto its narrow edge so that the divisions of the rod come next to the paper, and then mark carefully and accurately all the divisions between 10 and 20. Make an exact drawing of this part of the rod.

The smallest spaces are called millimeters, those between 10 and 1, 1 and 2, 2 and 3, etc., are called centimeters; the length that you have drawn, from 10 to 20, is called a decimeter.

Answer in tabular form the following questions :

- How many millimeters make 1 centimeter?
 " " centimeters " " decimeter?
 " " decimeters " " meter?
 " " millimeters " " " ?
 " " centimeters " " " ?
 " " inches " " " ?

Exercise.

I obtained the volume of a rectangular block of wood in cubic centimeters and also in cubic inches, according to the following record :

| | CENTIMETERS. | INCHES. |
|----------------|--------------|---------|
| Length | | |
| Breadth | | |
| Thickness | | |
| Volume = | × | × |
| " = | × | × |

DEFINITION.—The density of a body is how much it weighs for each cubic foot, cubic inch, cubic meter or cubic centimeter.

EXPERIMENT 10.

I determined the density of the wooden block used in the preceding exercise according to the following record.

| | GRAMS. | OUNCES. | C. C. | CU. IN. |
|-----------|---------------|---------|----------------------|---------|
| Weight . | | | | |
| Volume . | | | | |
| Density = | ÷ | | grs. per c. c. | |
| " = | ÷ | | oz. " cu. in. | |

EXPERIMENT 11.

I measured the diameter of an iron ball by placing it between two blocks of wood held flat against a meter rod, and then reading the distance between the blocks. I then weighed the ball. Then I calculated the volume, the surface, and the density of the ball according to the following table:

| | | |
|----------|---|--------------------------------------|
| Diameter | = | cm. |
| Weight | = | grs. |
| Volume | = | $0.5236 \times (\text{diameter})^3$ |
| | = | c. c. |
| Surface | = | $3.1416 \times (\text{diameter})^2$ |
| | = | sq. cm. |
| Density | = | ÷ = grs. per c. c. |

Questions.

1. How do you get the volume of a rectangular solid?
2. How do you get the volume of a sphere?
3. How do you get the surface of a sphere?
4. How do you get the density of a body?

EXPERIMENT 12.

I determined how many times the circumference of a circle contained its diameter.

(These directions need not be copied. Draw a straight

line obliquely across the page of your book so that it may be at least 20 centimeters long. Place the circular cardboard vertically on the line as near one extremity of the line as possible, and so that the end of the radial line shall touch the ruled line and be perpendicular to it. Make a small point on the ruled line where these two lines meet and place the letter A near this point. From this position roll the card along the ruled line until the end of the radial line again touches the ruled line. Mark this point of meeting and letter it C. Measure the distance between A and C in millimeters and tenths of a millimeter. Measure the diameter of the disc. Record your work as follows.)

Record.

Circumference = mm.

Diameter = "

Circumference ÷ diameter =

REMARKS.—From my work I find that the circumference of a circle is times its diameter. The true value is 3.141592. From this my result differs by

Exercise.

Make measurements of at least two other circles, making records as in the previous experiment.

EXPERIMENT 13.

I determined the area of the circular piece of cardboard used in Experiment 12.

Record.

Area of a circle = $\frac{1}{4} \times 3.1416 \times (\text{diameter})^2$

= ×

= sq. mm.

Exercises.

1. Give a rule for calculating the area of a circle.
2. Calculate the area of a circle whose diameter is 2 ft.
3. Calculate the area of a circle whose diameter is 5 cm.

EXPERIMENT 14.

I determined the length, diameter, area of cross section, volume, weight and density of a solid brass cylinder as follows:

| | | |
|--------------------|---|--|
| Length | = | cm. |
| Diameter | = | " |
| Area cross section | = | $\frac{1}{4} \times 3.1416 \times (\text{diameter})^2$ |
| | = | \times |
| | = | sq. cm. |
| Volume | = | area across section \times length |
| | = | \times |
| | = | c. c. |
| Weight | = | grs. |
| Density | = | \div |
| | = | grs. per c. c. |

EXPERIMENT 15.

I determined the volume of metal in a cylindrical brass tube as follows:

| | | |
|----------------------------|---|---|
| Length of tube | = | cm. |
| Exterior diameter | = | " |
| Interior " | = | " |
| Area c. s. with ext. diam. | = | $\frac{1}{4} \times 3.1416 \times (\text{diam.})^2$ |
| | = | \times |
| | = | sq. cm. |
| Area c. s. with int. diam. | = | $\frac{1}{4} \times 3.1416 \times (\text{diam.})^2$ |
| | = | \times |
| | = | sq. cm. |
| Area c. s. of metal | = | — |
| | = | sq. cm. |
| Volume of metal | = | \times ² |
| | = | c. c. |

Exercises.

1. How do you find the volume of a solid cylinder?
2. How do you find the volume of a hollow cylinder?

3. Find the volume of granite in a roller whose diameter is 18 inches and whose length is 3 ft.
4. If the specific gravity of granite is 2.65, what would be the weight of the roller mentioned in Exercise 3?

EXPERIMENT 16.

I determined the capacity of a tumbler as follows :

| | | |
|-----------------------------|---|----------------------------------|
| Interior diam. at top | = | c. m. |
| “ “ “ bottom | = | “ |
| Average int. diam. | = | “ |
| Depth at the centre | = | “ |
| “ “ “ edge | = | “ |
| Average depth | = | “ |
| Area of average c. s. | = | $0.7854 \times (\text{diam.})^2$ |
| | = | sq. cm. |
| Volume | = | c. s. \times depth |
| | = | \times |
| | = | c. c. |
| Volume measured by graduate | = | “ |

EXPERIMENTS IN MAGNETISM.

EXPERIMENT 17.

I touched one end of one of the needles in turn to the iron nail, the brass wire and the copper wire.

OBSERVATION.— State whether any one of them sticks to the needle or is pushed away from it.

REMARKS.— If anything which acts as this needle acts is called a *magnet*, how would you define a magnet?

EXPERIMENT 18.

I made the end of the magnet approach the iron very slowly.

OBSERVATION.— Does the iron move before the magnet touches it?

REMARKS.—State whether a magnet attracts through space.

EXPERIMENT 19.

I wrapped the magnet in thin tissue paper and then placed it against the iron nail.

OBSERVATION.—Tell whether the nail sticks to the magnet.

REMARKS.—Tell whether the magnet attracts through paper.

EXPERIMENT 20.

I touched the central part of the magnet to the iron nail.

OBSERVATION.—Tell whether the nail sticks to the magnet at the centre.

REMARKS.—Does the central part of the magnet have any attractive force?

EXPERIMENT 21.

I laid the magnet upon a sheet of paper and then sprinkled iron filings over the magnet. Then taking hold of the magnet by the middle I carefully raised it from the paper.

OBSERVATION.—Do the iron filings stick more in one part than in another?

REMARKS.—State in what parts of the magnet the attraction is the strongest, and the reason for your answer.

DEFINITION.—The ends of a magnet where the attraction is strongest are called the poles of the magnet.

EXPERIMENT 22.

I tied one end of a piece of thread around the middle of the magnet and the other end to the hook in the shelf over the table. I then made the magnet hang horizontally.

OBSERVATION.—When the magnet comes to rest, state in what direction it points, whether north, east, south or west.

REMARKS.—State whether this magnet has a north-pointing pole. If so, whether it is the point or the eye of the needle. What would you call the other end of the magnet?

EXPERIMENT 23.

I tried each needle in turn to see if one end points north.

OBSERVATION.— State which end of each needle points north.

REMARKS.— The end that points north is called a north-pointing pole and the end that points south is called the south-pointing pole.

EXPERIMENT 24.

I hung up one of the magnets and after it came to rest I brought near its north-pointing pole the north-pointing pole of the other magnet.

OBSERVATION.— State whether the north-pointing pole of the suspended magnet moves away from or towards the north-pointing pole of the magnet in your hand.

REMARKS.— State whether north-pointing poles of magnets attract or repel each other.

EXPERIMENT 25.

Repeat Experiment 24, making use of the south-pointing poles instead of the north-pointing poles. Write Observation and Remarks similar to those of Experiment 24.

EXPERIMENT 26.

Repeat Experiment 24, but bring a north-pointing pole near a south-pointing pole. Write Observation and Remarks similar to those of Experiment 24.

Exercises.

From the last three experiments make a rule for predicting what will take place when a pole of one magnet is brought near a pole of another magnet.

Find what you can about the "Mariner's Compass". Make a drawing of it, describe it and tell its use.

EXPERIMENT 27.

I laid the magnet upon the table with its north-pointing pole towards the north. I then laid a sheet of paper over

the magnet and sprinkled iron filings evenly over the paper about the needle. I then tapped the paper very gently with my pencil. The following sketch shows how the iron filings arranged themselves.

The curves formed by the filings are called Magnetic Curves and represent lines of Magnetic Force.

PHYSICS.

Grade XI. — General Course: Fundamental facts of Mechanics, Light, Heat, Sound, Magnetism and Electricity, with qualitative and quantitative laboratory work, and lecture experiments.

Grade XII. — An extension of the work of the preceding year.

Grade XII (College). — About twenty-five quantitative experiments in mechanics of solids, liquids and gases, and light.

Grade XIII (College). — Quantitative laboratory work in Mechanics, Heat, Magnetism and Electricity.

CHEMISTRY.

Grade XII. — General Chemistry.

Descriptive — The study of the common non-metals and their compounds, by laboratory and text-book.

Theoretical. — The fundamental chemical laws.

Quantitative. — Simple experiments in the determination of percentage composition, equivalents of elements, etc.

Grade XIII: Qualitative Analysis.

A continuation of the descriptive work of the preceding year followed by the qualitative study of the common bases, and the analysis of Simple Compounds.

The Dissociation Theory and Mass Action.

N. B. — During the two years visits are made to various industrial establishments.

RULES OF THE BOARD OF SCHOOL COMMITTEE.

CHAPTER I.

ORGANIZATION AND MEETINGS OF THE BOARD.

Sect. 1. The annual meeting shall be held on the first Monday in January at 7.30 o'clock p. m.

Sect. 2. The regular meetings of the Board shall be held on the second and fourth Mondays of every month, except July and August, at 7.30 o'clock p. m. Special meetings may, and at the request of three members shall, be called by the Chairman.

Sect. 3. At the annual meeting of the Board, a Chairman and a Clerk shall be chosen by ballot for the term of one year, who shall continue in office until their successors shall be chosen.

Sect. 4. The Chairman shall, at the annual meeting, appoint the following standing committees: On appropriations, school buildings, fuel and accounts, evening schools, and such other committees as from time to time may be deemed expedient. The Superintendent shall be a member of all standing committees.

Sect. 5. A majority of the members of the Board shall constitute a quorum; but a less number may meet and adjourn.

Sect. 6. The business of the meetings of the Board shall be conducted in the following order:

1. Reading of Records.
2. Financial report.
3. Approval of bills.
4. Report of Committees.
5. Report of Superintendent.
6. New business.

CHAPTER II.

DUTIES OF OFFICERS AND COMMITTEES.

Section 1. The Chairman shall preside at all meetings of the Board, and shall appoint all committees whose appointment is not otherwise ordered by the Board.

Sect. 2. The Clerk shall keep a correct record of the proceedings of the Board, noting the names of the members present at each meeting; preserve all the papers relating to the business of the Board; notify members of all special meetings; shall, together with one other member, approve all bills; make out the pay rolls of all teachers, and notify teachers of their election. He shall attend to the ordering of all text books and supplies, and have charge of the same; prepare the school statistics for the annual report of the Board, and perform such other clerical duties as may be required. In the absence of the Chairman, it shall be the duty of the Clerk to call the meeting to order.

Sect. 3. The Committee on school buildings shall have charge of all school property. They shall cause all ordinary repairs to be made, *not involving an expenditure of more than twenty-five dollars.* At the first meeting in June they shall submit in writing a statement of the repairs deemed necessary during the summer, together with an estimate of expense. They shall see that all bills for purchases made or services rendered by their order are presented to the Committee *at the next regular meeting.*

CHAPTER III.

DUTIES OF THE SUPERINTENDENT.

Section 1. A Superintendent of the public schools shall be elected by ballot, annually, on the fourth Monday in May. His salary shall be fixed at the same meeting.

Sect. 2. GENERAL DUTIES.—The Superintendent of the public schools shall have the care and supervision of the

schools, under the direction and control of the Committee; shall see that the "General Regulations" and the Statutes of the Commonwealth relating to the duties of the Superintendent are carried into effect, and shall perform such other duties as the Board may from time to time direct. He shall administer the "Course of Study," making such adjustment of the subjects and parts of subjects as he may deem necessary, and shall determine what books, from those adopted by the School Committee, shall be used in the various schools. He shall acquaint himself with whatever concerns the interest and progress of popular education for the benefit of the schools under his charge.

Sect. 3. VISITING SCHOOLS.—He shall visit the schools as often as his other duties will permit, that he may obtain, as far as practicable, a personal knowledge of their condition; and, on four days of every school week, shall keep regular office hours, other than school hours, at such place as may be provided.

Sect. 4. MEETINGS OF THE TEACHERS.—He shall advise the teachers on the best methods of instruction and discipline; and, to promote this object, he may call meetings of the teachers at such time and place as he deems necessary.

Sect. 5. ABSENTEES FROM SCHOOL.—He shall make investigation as to the number and condition of children of the city who are not attending the public schools, and shall endeavor to ascertain the reason for such non-attendance, and apply the remedies.

Sect. 6. INSPECTION OF BUILDINGS, ETC.—He shall inspect the grounds, buildings, furniture, text books, and apparatus belonging to the schools, and report any deficiency in them, or in the warming and ventilating apparatus or in the accommodation of the pupils, and also such buildings as are not kept in proper condition; and, in general, everything that is unfavorable to the health and physical development of the pupils.

He shall keep a record of the violation of any of the

"General Regulations of the Public Schools," as adopted by the Board.

Sect. 7. ATTENDANCE UPON MEETINGS.— He shall attend all the regular meetings of the Board, except when the election of Superintendent is under consideration, and shall express his opinion or communicate information on any subject when requested by the Board. He may also propose to the Board or its committees such legislation touching the schools as he may deem necessary.

Sect. 8. ANNUAL REPORT.— He shall annually make a report to the Committee giving an account of the duties he has performed and of the condition of the schools, with such suggestions as he may deem advisable for the increase of their efficiency and usefulness. He shall prepare for printing all blanks and reports necessary for use in the schools and for the Committee.

Sect. 9. RECORD OF APPLICANTS AS TEACHERS.— He shall keep for the inspection of the Committee a record of the name and residence of each person applying for the situation of teacher, who is eligible under the Rules, with such remarks and suggestions as he may deem proper.

Sect. 10. ONE SESSION.— He shall decide when there shall be but one session, or no session of the schools, on account of stormy weather, and give the signals for the same.

CHAPTER IV.

PROMOTIONS, EXAMINATIONS AND DIPLOMAS.

Section 1. TIME OF PROMOTION.— Promotions shall be made by the teacher and Superintendent. In all schools, regular class promotions shall take place at the end of the school year. Individual promotions may be made whenever the best interests of the pupils require them.

Sect. 2. EXAMINATIONS.— Such written examinations as the Superintendent shall order shall be given in each study in all grades. The questions shall be prepared by the teacher, with the approval of the Superintendent.

Sect. 3. DAILY WORK AND CONDUCT.—In addition to examinations, each teacher shall keep a careful record of the work, and of the qualities in each pupil which make the diligent, faithful scholar, and which an examination may not correctly disclose. These records may be used at the close of the year in deciding upon all cases of promotions.

Sect. 4. DIPLOMAS.—Certificates may be given at the end of any year stating the subjects successfully pursued. Pupils in the high school who have satisfactorily completed the required work shall receive diplomas.

CHAPTER V.

ELECTIONS, SALARIES, QUALIFICATIONS.

Section 1. At the meeting of the Board on the fourth Monday in May, an election, by ballot, of teachers in day schools and janitors shall take place, and appointments thus made shall hold during the pleasure of the Committee, provided that the person so appointed shall have served the public schools of Medford for a period of not less than one year.

Sect. 2. Permanent teachers shall be appointed on recommendation of a Committee on the Examination and Appointment of Teachers, consisting of the Chairman and clerk of the Board, and the Superintendent.

Sect. 3. In case of sickness or absence, a substitute may be employed by the Superintendent, *but in no case shall the teacher or janitor appoint his own substitute.*

Sect. 4. Salaries of teachers in Public Schools:

| | |
|-------------------------------------|----------------------|
| Kindergartners, 1 session . . . | \$300 00 to \$550 00 |
| " 2 sessions . . . | 400 00 " 650 00 |
| Kindergarten assistants . . . | 200 00 " 300 00 |
| Grade I to VIII, assistants . . . | 400 00 " 650 00 |
| Masters, Grammar, High . . . | 1,000 00 " 1,500 00 |
| High School, assistants, male . . . | 700 00 " 900 00 |
| " " " female . . . | 600 00 " 800 00 |

and except in case of masters, the annual increase from the minimum for *satisfactory* service shall be fifty dollars till the maximum is reached. Masters shall be increased one hundred dollars annually for *satisfactory* service till the maximum is reached.

An increase above these limits may be given for special reasons, but in every case only by special action.

The regular increase may be withheld at any time, if the work is not wholly satisfactory.

The increase of salary shall commence on the month next succeeding the end of each full year of service.

In determining grade salaries graduation from college may be deemed an equivalent for one year of teaching.

Sect. 5. QUALIFICATIONS.— All candidates for a position as teacher must be graduated from some high school of good standing, or institution of equivalent grade, and from some normal school or college. Successful experience in teaching may be accepted in place of the above requirements.

For Kindergartners, a two years' course in a Kindergarten training school will be accepted in place of the normal school course required above.

Sect. 6. SUBSTITUTES.— Teachers shall pay substitutes in accordance with the following schedule :

| | | |
|----------------------------|---------------|------------------------|
| Salaries of \$650 or less, | \$1.50 a day | (and \$.50 from city). |
| “ 650 to \$700, | 2.25 “ | (and \$.25 “ “). |
| “ 750 “ 800, | 2.50 “ | |
| “ 850 “ 900, | 2.75 “ | |
| “ 1,000 and upwards, | \$3.00 a day. | |

At the end of one month's absence action shall be taken by the Board.

In all cases of absence not caused by illness or domestic affliction the teacher shall pay the full salary of the substitute.

Sect. 7. When a teacher is absent *without having duly notified* the Superintendent or the Principal of the building,

the full salary for the period of absence shall be forfeited, unless excused by the School Committee.

Substitutes should *be notified* of the teacher's intention to return at least one-half day in advance of the teacher's arrival. When a substitute reports for duty and the regular teacher returns, without having sent previous notice, the substitute is entitled to be paid for that half day.

Teachers shall be considered absent until the Superintendent is notified of their return.

CHAPTER VI.

AMENDMENT AND SUSPENSION OF THE RULES.

Section 1. The consent of a majority of the members of the Board shall be requisite for the repeal or amendment of any standing rule of the Board. Any rule may be suspended by the vote of two-thirds of the members present.

Sect. 2. By vote of a majority of the members present the General Regulations of the Public Schools may be suspended or repealed without notice at the first regular meeting in January of each year; and at any other meeting, provided that notice of such suspension or repeal has been given at a previous meeting of the Board, or sent in writing to each member at least two weeks prior to the meeting where such action is taken.

GENERAL REGULATIONS OF THE PUBLIC SCHOOLS.

CHAPTER VII.

SCHOOL SESSIONS.

Section 1. The school year shall commence on Wednesday following the first Monday in September, and shall be divided into two terms, as follows :

The first term to commence with the school year, and extend to the last Saturday in January, with a recess during the last half of Thanksgiving week beginning Wednesday noon, and from noon of the day before Christmas to New Year's Day, inclusive.

The second term to commence with the Monday following the last Saturday in January, and to continue to the summer vacation, with recesses of the week including February 22 and the week including April 19.

Sect. 2. The schools shall be closed every Saturday, and the following holidays : Washington's Birthday, 19th of April, Memorial Day, and the 17th of June. Teachers may have one day in each term for the purpose of visiting approved schools after consultation with the Superintendent.

In case of emergency the Chairman may suspend the schools for a day.

Sect. 3. There shall be two sessions of the schools daily, a morning session beginning at nine o'clock and closing at twelve o'clock, and an afternoon session beginning at half-past one and closing at four. Grades I-III shall, however, close at half-past three o'clock. The High School and Grade IX shall have five sessions per week of five and one-half hours each, commencing at eight o'clock. The teachers of all grades shall have the right to dismiss such of their pupils as have performed their work satisfactorily. In very stormy weather no session, or a single session may be held, a signal being given by the Superintendent.

CHAPTER VIII,

TEACHERS.

Section 1. All teachers are required to make themselves acquainted with these regulations, and to see that they are faithfully observed.

Sect. 2. A teacher shall be designated in each school building to act as Principal of all the schools therein, exercise a general supervision over the same, and prescribe such rules for the use of grounds as shall insure their being kept in a neat and proper condition, and to examine them as often as may be necessary for this purpose; the Principal shall be held responsible for cleanliness about the premises, and for the general condition of the schoolhouse.

Sect. 3. Assistant teachers shall, in addition to the instruction of the classes assigned to them, cordially co-operate with the Principals in all efforts for the general welfare of the schools, and perform such duties under the direction of the Principal.

Sect. 4. All the schoolrooms shall be opened, and the Principals and Assistants shall be present therein, both morning and afternoon, at least FIFTEEN minutes before the time fixed for the session to begin. The pupils shall be in their seats and the exercises of the school shall commence and close punctually at the prescribed hours. Every pupil entering the schoolroom after the hour of opening, *whether bringing an excuse or not*, shall be considered tardy, and so marked in the register. The bell shall be rung five minutes before the hour of opening.

Sect. 5. Teachers shall open their schools with Bible reading and the Lord's Prayer. Once a week the ten commandments shall be read or repeated.

Sect. 6. Teachers shall give their pupils recesses which, including the time of going out and coming in, shall not exceed fifteen minutes in each morning session, and ten minutes in each afternoon session. Five minutes in each

session shall be devoted to exercises in the Ling system of gymnastics in all schools above Grade III.

Sect. 7. No teacher shall, for any cause, be absent from the school under his or her charge without obtaining permission from the Superintendent in season to provide a substitute. *All cases of absence, with the reason for such absence, shall be reported to the Superintendent.*

Sect. 8. No teacher shall change the hours of keeping school, or begin or dismiss school at any other time than that appointed by the Committee, without special vote of the Board.

Sect. 9. Teachers shall practise such discipline in their schools as would be exercised by a judicious parent in a family, and shall avoid corporal punishment in all cases where good order can be preserved by milder means; but when corporal punishment shall be deemed necessary, it may be resorted to, *and a record thereof, with the cause, nature and amount of punishment, shall be made and kept for examination.*

Sect. 10. Teachers shall, so far as practicable, exercise a general supervision over their pupils while going to and coming from school.

Sect. 11. For violent opposition or open rebellion, the teacher may dismiss the pupil from school, and shall immediately inform the parent or guardian of such pupil, and on the same day shall apply to the Superintendent for advice and direction.

Sect. 12. When the example of any pupil is especially injurious to the welfare of the school, and in all cases where reformation appears hopeless, it shall be the duty of the teacher to report the case fully to the Superintendent, who may at his discretion suspend such pupil from school. But any pupil under this public censure, who shall have expressed to the teacher his sorrow for such misconduct as publically and as explicitly as the nature of the case may

require, shall, with the consent of the Superintendent, be reinstated in school, with all its privileges.

Sect. 13. Pupils are *not* to be required to remain after the prescribed hours of school.

Sect. 14. Teachers may at any time send down to a grade lower all pupils who for any reason fail satisfactorily to perform the work of their class; and may promote to higher grades pupils who are sufficiently prepared for the change, but, in either case, only after consultation with the Superintendent.

Sect. 15. Such pupils of the High School as fail to be sufficiently prepared in their recitations or fail to perform properly any part required of them during the regular school hours, may, with the approval of the Headmaster, be required by their teachers to be present in the afternoon for purposes of study or of discipline.

Sect. 16. Teachers are required to obey faithfully the following law of the Commonwealth: "All instructors of youth shall exert their best endeavors to impress on the minds of children and youth committed to their care and instruction the principles of piety and justice, and a sacred regard for truth, love of their country, humanity, and universal benevolence, sobriety, industry, and frugality, chastity, moderation, and temperance, and those other virtues which are the ornament of human society, and the basis upon which a republican constitution is founded; and they shall endeavor to lead their pupils, as their ages and capacities will admit, into a clear understanding of the tendency of the above-mentioned virtues to preserve and perfect a republican constitution and secure the blessings of liberty as well as to promote their future happiness, and also to point out to them the evil tendency of the opposite vices." (Revised Laws, Chap. 42, Sect. 18.)

Sect. 17. As regularity and punctuality of attendance are indispensable to the success of a school, sickness and domestic affliction shall be regarded as the only legitimate causes

of absence or tardiness. In every instance of absence or tardiness, a written statement, or personal explanation, shall be required of the parent or guardian on the return of the pupil to school, or at the next session, that the teacher may know whether the case is legitimate or otherwise.

Sect. 18. Each teacher shall keep a register, in which shall be recorded the names, ages, dates of admission, and places of residence of the pupils. In addition to this register other records shall be kept in which shall be entered the daily absence of the pupils, and such notes of their class exercises as may exhibit a view of their advancement and standing.

Sect. 19. Reports of each pupil's work in all grades above Grade III shall be made quarterly to the parent or guardian; and in such reports, as well as in all records kept by the teacher, ranking shall be in four groups, indicated by A, B, C, D. A shall mean passed with credit, B passed satisfactorily, C passed, but work unsatisfactory, D failed to pass.

Sect. 20. A teacher may dismiss a pupil, before the appointed time for dismissing the school, in case of sickness, or some pressing emergency, or upon a written request signed by the parent or guardian of such pupil. Every dismissal from such cause shall be recorded in the register.

Sect. 21. No person shall be permitted to enter a school for the purpose of promoting the sale of any article whatever; nor shall teachers allow notices to be given, advertisements, circulars, or other printed matter to be distributed, or any like interference with the ordinary and regular course of instruction in the school.

Sect. 22. Teachers are *especially* REQUIRED to attend to the proper ventilation of the school rooms.

Sect. 23. Teachers are REQUIRED to see that the school houses, and all school property under their control, are not in any manner defaced or injured by the pupils or other persons.

Sect. 24. Teachers are REQUIRED to see that the doors

and windows of their school rooms are locked on leaving the premises at night.

Sect. 25. The Principal of each building shall, on the first day of every school month, except September, make a requisition for all text books and supplies needed during the entire month, and present it to the Board at its regular monthly meeting for approval. Such requisition shall also contain a list of all utensils needed by the janitor of the building for the same time.

Sect. 26. It shall be the duty of the teachers to make out an itemized list of all text books and supplies in their respective school rooms on the last day of each school year, and hand the same to the Secretary of the Board. The text books shall be divided into four classes: First, new and unused; second, nearly new and in good condition; third, somewhat worn, but still fit for use; fourth, worn out and worthless. They shall also furnish an estimate, based upon the probable number of scholars, of the text books and supplies required for the first term of the year next ensuing.

CHAPTER IX.

PUPILS.

Section 1. No child shall be admitted into any of the public schools until satisfactory evidence be given that the State law as to vaccination has been observed.

Sect. 2. Classes for beginners in Grade I shall be formed only in the Fall Term, and pupils who are five years of age may be received. No beginner shall be received after October 10, except by vote of the Board. Children may be admitted to the Kindergartens at any time.

Sect. 3. Every pupil shall be required to attend school as constantly as possible, and, in case of tardiness or absence, to furnish to the teacher satisfactory evidence that such tardiness or absence was necessary. Prompt obedience to the teacher is required from every pupil.

Sect. 4. Whenever any pupil has been absent from school, it shall be the duty of the teacher to give immediate notice to the parents or guardian of such pupil. In keeping the record of absences, children shall not be reckoned as members after the expiration of ten days. All other absences shall be recorded and reported. (See Revised Laws, Chap. 43, Sect. 11.)

Sect. 5. No pupil shall leave the school grounds at recess without permission.

Sect. 6. When the schools are dismissed the teacher shall see that the pupils go immediately from the vicinity of the schoolhouses.

Sect. 7. Teachers shall require pupils to pay proper attention to personal cleanliness.

Sect. 8. Any pupil who is guilty of cutting, marking, defacing, or in any way injuring any of the schoolhouses, or of the property connected with them, shall cause the same to be repaired.

Sect. 9. All pupils are strictly forbidden to climb on any tree, fence, railing, ladder, etc., about the schoolhouse, or to leave whittlings or other rubbish in the playground, or to throw stones, snowballs, or other missiles in the neighborhood of the schoolhouse, or to use any profane or indelicate language.

Sect. 10. Any pupil misappropriating, injuring, or destroying any of the text books or supplies of the city shall subject his parents or guardian to payment for the article so misappropriated, injured or destroyed.

DUTIES OF JANITORS.

1. To sweep thoroughly the whole building at least twice a week, and as much oftener as is necessary to keep it in first-class condition; to remove each morning with dust pan and brush any mud or papers; to empty all waste baskets as often as necessary.

2. To dust the furniture, windows, blinds, and stair rails

as often as the rooms are swept, and the walls and ceilings three times a year.

3. To clean the buildings, including the doors and all other woodwork during the summer vacation; the windows and floors three times a year, and the inkwells when requested by the Principal. Floors of kindergartens to be washed once a month, and to be swept daily.

4. To build fires when necessary in season to have the thermometer at 68 degrees one-half hour before the opening of the school session; to keep the temperature as near 68 degrees as possible throughout the day; to keep all heating apparatus in the best of order.

5. To use the fuel economically; to keep the cellar at all times free from ashes and all other debris; to put the coal bins in good order for the year's supply of coal; to keep fires in furnaces and under boilers from December 1 to April 1.

6. To keep the yards free from rubbish and weeds; to make proper use, during the school year and vacations, of the hose and lawn mower, when provided; to keep the approaches to all the buildings free from snow and ice; to try in every way to make the surroundings of the schoolhouse attractive.

7. To receive all fuel and report its weight or measure and its quality to the Secretary of the Committee.

8. To take every precaution to avoid accidents from wind, water, ice, snow or fire; to have a general oversight of the premises at ALL times.

9. To inspect sanitariums daily and keep them in good condition at all times.

10. To do all minor repairs.

11. To report to the Principal of the school at some regular time during each session.

12. During the short vacations, including the recess from Friday night to Monday morning, to care for all plants cultivated in the school buildings.

13. To keep the doors and windows locked when the school is not in session.

14. To perform other reasonable duties relating to the yards or buildings at the request of the Principal or Superintendent.

Every janitor, in the performance of his duties, is under the direction of the Principal of the school, and is responsible to the Committee on School Buildings.

Janitors shall be held responsible for damage caused by their carelessness in allowing water pipes and fixtures to freeze.

All requests for supplies shall be made in writing on a special blank, and shall be submitted to the Superintendent for approval.

REPORT
OF THE
CITY AUDITOR.

MEDFORD, January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

SIR, — In compliance with the requirements of Section 5, Chapter VII. of the City Ordinances, I present the following report.

Respectfully submitted,

GEORGE D. CUMMINGS,
City Auditor.

| | |
|--|----------------|
| The cash in the treasury January 2, 1905, was | \$191,302 01 |
| The receipts from January 2 to December 30, inclusive, were | 1,098,466 22 |
| | \$1,289,768 23 |

| | |
|---|--------------|
| Sixty-two drafts have been drawn on the Treasurer amounting to | 1,250,225 47 |
| | |

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|---|-------------|
| Cash in the treasury as shown by the books in this office on January 1, 1906, is | \$39,542 76 |
|---|-------------|

| | |
|---|-----------|
| A part of this cash balance is for the present held exclusively for Spot Pond Suit Ex- penses | 12,371 87 |
| | |

| | |
|---|-------------|
| The remainder is available for general pur- poses and amounts to | \$27,170 89 |
|---|-------------|

The detailed statement of the receipts and the expenditures of the city from January 2 to December 30, 1905, is as follows:

RECEIPTS

From January 2 to December 30, 1905.

ALMSHOUSE.

Received from:

| | |
|---|----------|
| Joseph D. Fallon, board and care of John C. Crowley | \$22 00 |
| Calvin H. Clark, guardian, board C. P. & Mary A. Brooks | 158 00 |
| James H. Gowing, superintendent, sale of produce | 10 85 |
| John Crowley, sale of produce | 2 25 |
| William N. Curtis, sale of produce | 26 45 |
| Frank P. Kent, sale of produce | 35 35 |
| Medford Dairy Company, sale of produce | 15 00 |
| W. J. Geary, sale of produce | 17 05 |
| E. J. Hervey, sale of produce | 9 00 |
| Charles R. Drew, sale of produce | 2 24 |
| | <hr/> |
| | \$298 19 |

ASHES.

Received from:

| | |
|---|---------|
| Medford Savings Bank, labor removing ashes | \$1 00 |
| Medford Highway Department, overcharge on horseshoeing material | 17 00 |
| | <hr/> |
| | \$18 00 |

BASINS AND DRAIN AT TAINTER STREET.

Received from:

| | |
|--|--------|
| Medford Highway Department, sand | \$4 74 |
|--|--------|

BROOKS AND STREAMS.

Received from:

| | |
|---|--------|
| Medford Highway Department—31 feet of fence rail | \$7 00 |
|---|--------|

CARE OF CEMETERIES.

Received from:

| | |
|--|------------------|
| Commissioners of Sinking Funds, interest on perpetual care fund accumulated since 1901 to January 1, 1905 | \$118 50 |
| Trustees of cemeteries, interest to January 1, 1905, on \$22,185 certificates of indebtedness, which represents the perpetual care fund to 1901 | 887 40 |
| Trustees of cemeteries, care of lots, extra work and sale of flowers | 1,818 50 |
| Sundry persons, sale of lots | 2,818 75 |
| Sundry persons, for single graves | 610 00 |
| | <hr/> \$6,253 15 |

CITY COLLECTOR. — SEWER APPORTIONMENTS.

Received from:

| | |
|---|------------------|
| Edward W. Hayes, City Collector | \$1,443 53 |
| Edward W. Hayes, City Collector (advance pay- ments) | 614 45 |
| | <hr/> \$2,057 98 |

CITY COLLECTOR. — SEWER ASSESSMENTS.

Received from:

| | |
|---|------------|
| Edward W. Hayes, City Collector | \$2,013 07 |
|---|------------|

CITY COLLECTOR. — SEWER CONNECTIONS.

Received from:

| | |
|---|------------|
| Edward W. Hayes, City Collector | \$4,831 17 |
|---|------------|

CITY COLLECTOR. — SIDEWALK APPLICATIONS.

Received from :
 Edward W. Hayes, City Collector \$102 48

CITY COLLECTOR. — SIDEWALK APPORTIONMENTS.

Received from :
 Edward W. Hayes, City Collector \$142 84

CITY COLLECTOR. — SIDEWALK ASSESSMENTS.

Received from :
 Edward W. Hayes, City Collector \$1,015 44

CITY COLLECTOR. — TAX ACCOUNT.

Received from :
 Edward W. Hayes, City Collector \$458,450 95

CITY COLLECTOR. — WATERING ASSESSMENT.

Received from :
 Edward W. Hayes, City Collector \$6,942 62

COLLECTING DEPARTMENT EXPENSES.

Received from :
 Joseph Hellen, refund of amount paid for re-
 cording \$0 85

COLLECTION OF HOUSE OFFAL.

Received from :
 Hannibal S. Pond, house offal, October 1, 1904,
 to April 1, 1905 600 00
 Mary P. C. Cummings, house offal, April 1 to
 October 1, 1905 816 67

 \$1,416 67

ESTATES BOUGHT AT SALE FOR TAXES.

| | |
|---|----------|
| Received from : | |
| Joseph Hellen, for release of tax title held by city, | \$187 67 |
| Sarah H. R. Frost by Walter N. Buffum, attorney, release of tax title | 17 07 |
| | <hr/> |
| | \$204 74 |

ENGINEERING DEPARTMENT EXPENSES.

| | |
|--|----------|
| Received from : | |
| Medford Park Department, staking out playgrounds, etc. | \$167 07 |
| Medford Playstead Road Extension, incidentals | 4 45 |
| Medford Gypsy and Brown Tail Moth Account, incidentals | 45 |
| Medford Highway Department, incidentals . | 4 80 |
| Medford Sewer Division, portfolio . . | 1 50 |
| Medford Water Division, field books, etc. . . | 2 10 |
| Medford Assessing Department, services on census, | 45 00 |
| | <hr/> |
| | \$225 37 |

GYPSEY AND BROWN TAIL MOTHS.

| | |
|--|----------|
| Received from : | |
| John H. O'Brien, removing nests | \$1 50 |
| Lewis H. Lovering, removing nests | 5 00 |
| John Crowley, removing nests | 15 25 |
| Henry J. Ruberg, removing nests | 75 |
| J. W. Phinney, removing nests | 56 00 |
| George W. Means, removing nests | 3 49 |
| John M. Doherty, removing nests | 5 37 |
| J. M. Wade, removing nests | 3 00 |
| George S. Delano, removing nests | 5 00 |
| Charles E. Merrill, removing nests | 2 00 |
| Charles Day Adams, removing nests | 17 60 |
| Medford Water and Sewer Dept., creosote and oil, | 4 05 |
| | <hr/> |
| | \$119 01 |

GENERAL REPAIRS OF HIGHWAYS.

Received from :

| | |
|--|--------|
| John H. Byron, crushed stone | \$2 25 |
| Malden & Melrose Gas Light Co., crushed stone, | 310 55 |
| Samuel C. Lawrence, crushed stone . . . | 18 62 |
| Edward J. Doherty, crushed stone | 10 32 |
| John Sinclair, crushed stone | 4 50 |
| James Brogan, crushed stone | 6 24 |
| W. A. Hathaway, crushed stone | 2 50 |
| John Regan, crushed stone | 2 50 |
| L. M. Newcomb, crushed stone | 2 48 |
| L. O. White, crushed stone | 2 40 |
| Nathaniel Atwood, crushed stone | 3 13 |
| Michael M. Dyer, crushed stone | 11 78 |
| Warren Brothers Co., crushed stone | 885 89 |
| Henry Center, crushed stone | 6 00 |
| William Howe, crushed stone | 2 55 |
| S. F. Dearborn, crushed stone | 2 50 |
| Joseph R. De Camp, crushed stone | 4 31 |
| George E. Orrok, crushed stone | 4 00 |
| Warren & Torrens, crushed stone | 1 63 |
| T. H. Gill & Co., crushed stone | 8 00 |
| Fairfield, crushed stone | 6 00 |
| Joseph A. Chapin, crushed stone | 6 22 |
| Lewis H. Lovering, crushed stone | 7 28 |
| Boston & Maine R. R., crushed stone | 20 00 |
| William T. Shannon, crushed stone | 5 00 |
| Medford Park Department, crushed stone . . | 38 66 |
| A. R. Putnam, street cleanings | 1 00 |
| Henry O'Brien, street cleanings | 25 |
| J. Ray, street cleanings | 25 |
| J. G. Turner, street cleanings | 3 00 |
| John J. Traverse, street cleanings | 25 |
| Patrick Murphy, street cleanings | 75 |
| Henry P. Peters, street cleanings | 11 00 |

RECEIPTS.

109

| | |
|--|-----------|
| William W. Pitman, street cleanings . . . | \$1 00 |
| Gilbert D. Streeter, street cleanings . . . | 75 |
| Charles Clark, street cleanings | 50 |
| Mrs. J. J. Shannon, street cleanings . . . | 50 |
| J. M. Jackson, street cleanings | 2 00 |
| William F. Overton, street cleanings . . . | 3 00 |
| Nelson G. Gaskins, street cleanings . . . | 3 00 |
| George W. Brintnall, street cleanings . . . | 5 50 |
| John Barker, street cleanings | 3 00 |
| E. Stevens, street cleanings | 25 |
| Malden & Melrose Gas Light Co., labor and use of roller | 148 50 |
| Frank E. Chandler, material from High Street, Metropolitan Water and Sewerage Board, use of roller | 125 00 |
| John A. Gaffey, labor repairing roller . . . | 7 50 |
| Commonwealth of Massachusetts, street railway tax (less \$1,774.02 credited to snow account), | 2 50 |
| Boston & Northern Street Railway Co., excise tax (Sec. 46, Chap. 14, R. L.) | 18,653 28 |
| Medford Ashes Account, use of teams and one- third cost shoeing material | 270 52 |
| Medford Collection of House Offal, use of teams and one-third cost shoeing material | 497 46 |
| Medford Gypsy and Brown Tail Moth Account, use of teams | 492 07 |
| Medford Watering Streets, use of teams . . . | 272 25 |
| Medford Care of Trees, teaming | 42 00 |
| Medford Setting Out Trees, teaming | 14 25 |
| Medford Playstead Road Extension, teaming . | 4 50 |
| Medford Water and Sewer Department, hay, oats and teaming | 397 50 |
| Medford Woburn Street District Drain, pipe, sand, stone and teaming | 191 96 |
| Medford Fire Department, hay, oats, labor, etc., | 84 83 |
| Medford Cemetery Department, pipe and cement, | 409 44 |
| | 40 73 |

| | |
|---|-------------|
| Medford Park Department, teaming loan, labor and use of roller | \$125 00 |
| Medford High Street Account, brick, sand and teaming | 63 70 |
| | <hr/> |
| | \$23,254 30 |

HEALTH DEPARTMENT EXPENSES.

| | |
|---|---------|
| Received from: | |
| Commonwealth of Massachusetts, aid rendered in contagious case | \$25 00 |
| Medford Outside Relief Account, use of telephone, | 12 00 |
| | <hr/> |
| | \$37 00 |

INTEREST.

| | |
|---|------------|
| Received from: | |
| E. W. Hayes, Collector, on taxes | \$7,030 29 |
| E. W. Hayes, Collector, on sewer apportionments, | 214 93 |
| E. W. Hayes, Collector, on sewer assessments | 26 03 |
| E. W. Hayes, Collector, on sidewalk apportion- ments | 14 79 |
| E. W. Hayes, Collector, on sidewalk assessments, | 16 74 |
| Medford Savings Bank, on Bradbury fund to November, 1905, at $3\frac{1}{2}$ per cent | 397 25 |
| National Bank of the Republic, on deposits | 646 71 |
| National Bank of Commerce, on deposits | 116 20 |
| Medford National Bank, on deposits (Treasurer), | 322 46 |
| Medford National Bank, on deposits (Collector), | 76 53 |
| Joseph Hellen, 10 mos. 15 days on \$187.67 | 16 36 |
| Commissioners of Sinking Funds, 5 days on \$28,000 at 4 per cent | 15 56 |
| Commissioners of Sinking Funds, 3 days on \$13,000 at 4 per cent | 4 34 |
| Commissioners of Sinking Funds, 29 days on \$16,000 at 4 per cent | 51 55 |
| | <hr/> |
| | \$8,949 74 |

INCOME FROM HOYLE FUND.

| | |
|--|--------|
| Received from: | |
| Commissioners of Sinking Funds to Jan. 1, 1905 | \$6 00 |

MISCELLANEOUS ACCOUNT.

| | |
|---|---------|
| Received from: | |
| Malden & Melrose Gas Light Co., services of inspector during the relaying of gas mains in Spring, Washington and Myrtle Streets | \$52 50 |

MISCELLANEOUS CREDITS.

| | |
|--|----------|
| Received from: | |
| John W. Enright, 6th class license | \$1 00 |
| John A. Morgan, 6th class license | 1 00 |
| John A. Morgan & Co., 6th class license | 1 00 |
| Charles W. Smith, 6th class license | 1 00 |
| McKeon & Howard, 6th class license | 1 00 |
| Daniel N. Howard, 6th class license | 1 00 |
| Pliny C. Chandler, 6th class license | 1 00 |
| Guy R. Nutter, 6th class license | 1 00 |
| Olive R. Highley, 6th class license | 1 00 |
| William H. Frazier, 6th class license | 1 00 |
| William P. Martin, redemption of tax titles | 6 00 |
| Severin St. Dennis, redemption of tax titles | 17 00 |
| Joseph Hellen, redemption of tax titles | 2 00 |
| Margaret A. Harrington, redemption of tax titles | 1 00 |
| Dexter Brackett, redemption of tax titles | 1 00 |
| William S. Franklin, redemption of tax titles | 1 00 |
| Edward W. Hayes, Collector, costs on taxes | 1,530 90 |
| Winslow Joyce, Inspector Milk licenses and registrations | 61 50 |
| Winslow Joyce, scaler, scaling weights, measures, etc. | 98 35 |
| Medford Water and Sewer Department, scaling weights and scales | 1 33 |

| | |
|---|-------------|
| Medford Highway Department, sealing weights and scales | \$1 15 |
| First District Court E. M., fines and fees, Oct. 1, 1904, to Jan. 1, 1906 | 178 60 |
| John R. Fairbairn, master, fines and fees, Oct. 1, 1904, to July 1, 1905 | 10 00 |
| Allston P. Joyce, City Clerk, fees, etc. | 782 35 |
| Emery D. Holmes, Chief of Police, newsboys' licenses | 25 00 |
| Emery D. Holmes, Chief of Police, junk license badges | 10 50 |
| Michael F. Dwyer, Mayor, fees for licenses | 36 00 |
| Samuel T. Harris, information about taxes | 26 |
| Sundry Insurance Companies, loss by fire, Aug. 19, 1905, on Hose 4 House | 2,125 38 |
| Malden Electric Co., balance of rebate for 1904, on lighting public buildings | 98 37 |
| Metropolitan Park Commission, cost of maintaining 7 incandescent lights from June 8, 1898, to Dec. 8, 1904, on Forest and Elm Streets and Highland Ave. | 705 25 |
| Sundry persons, from sale of lots in Oak Grove Cemetery | 315 00 |
| Commonwealth of Massachusetts, corporation tax | 18,163 85 |
| Commonwealth of Massachusetts, National Bank tax (net) | 4,739 96 |
| Commonwealth of Massachusetts, burial of soldiers and sailors | 105 00 |
| Commonwealth of Massachusetts, Boston Elevated Railway Co. tax | 3,289 82 |
| | <hr/> |
| | \$32,316 57 |

MYSTIC VALLEY IMPROVEMENT.

Received from :

| | |
|---|----------|
| William F. Emerson, salt grass, 1905 and part of 1904 | \$125 00 |
| D. W. Lawrence, salt grass on marsh off Mystic Avenue | 4 05 |
| | <hr/> |
| | \$129 05 |

NEW HOSE.

Received from :

| | |
|--|----------|
| Sundry insurance companies, hose destroyed by fire Aug. 19, 1905 | \$181 00 |
| Boston Elevated Ry. Co., 100 ft. of hose ruined by being run over by car | 55 00 |
| | <hr/> |
| | \$236 00 |

NOTES.

Received from :

| | |
|--|-------------|
| Heirs of Samuel F. Jenkins, face value of note due Sept. 27, 1906 | \$1,500 00 |
| Medford Commissioners of Sinking Funds, face value of coupon notes Nos. 18, 19, 20, due July 1, 1915 | 33,643 24 |
| Medford Commissioners of Sinking Funds, face value of coupon notes Nos. 21, 22, 23, 24, due Dec. 1, 1915 | 18,000 00 |
| Medford Commissioners of Sinking Funds, face value of coupon notes Nos. 25, 26, due Dec. 1, 1925 | 16,000 00 |
| Medford Commissioners of Sinking Funds, face value of coupon notes Nos. 27, 28, due Jan. 1, 1916 | 7,500 00 |
| | <hr/> |
| | \$76,643 24 |

NOTES IN ANTICIPATION OF TAXES.

| | |
|--|--------------|
| Received from : | |
| Loring, Tolman & Tupper, face value of four notes, due Nov. 1, 1905 | \$50,000 00 |
| Loring, Tolman & Tupper, face value of three notes, due Dec. 6, 1905 | 75,000 00 |
| Blake Bros. & Co., face value of five notes, due Dec. 1, 1905 | 75,000 00 |
| Blake Bros. & Co., face value of four notes, due Feb. 9, 1906 | 50,000 00 |
| Loring, Tolman & Tupper, face value of eight notes, due June 5, 1906 | 100,000 00 |
| | <hr/> |
| | \$350,000 00 |

ORDINARY EXPENSES OF FIRE DEPARTMENT.

| | |
|--|----------|
| Received from : | |
| Harris Bros., black horse called Tom | \$75 00 |
| Highland Coal Co., refund of amount paid twice, Sundry insurance companies, on contents of Hose 4 House burned Aug. 19, 1905 | 9 87 |
| | 240 75 |
| | <hr/> |
| | \$325 62 |

OUTSIDE RELIEF.

| | |
|---|----------|
| Received from : | |
| Commonwealth of Massachusetts, aid rendered and board | \$667 33 |
| City of Boston, aid rendered | 303 98 |
| City of Gloucester, aid rendered | 142 40 |
| City of Lawrence, aid rendered | 116 39 |
| City of Somerville, aid rendered | 36 50 |
| City of Malden, aid rendered | 41 38 |
| City of Quincy, aid rendered | 4 00 |
| City of New Bedford, aid rendered | 2 00 |
| Town of Bridgewater, aid rendered | 66 00 |
| Town of Sandwich, aid rendered | 54 00 |

RECEIPTS.

115

| | |
|--|------------|
| Town of Winchester, aid rendered | \$4 41 |
| Town of Milton, for use of ambulance . . . | 12 00 |
| Calvin H. Clark, guardian, refund of aid rendered to Charles P. and Mary A. Brooks . . | 21 88 |
| | <hr/> |
| | \$1,472 27 |

PAYMENT OF CITY DEBT.

Received from :

| | |
|---|-------------|
| Commissioners of Sinking Funds, for payment of twenty Sewerage Loan bonds, due July 1, 1905, and ten bonds due Oct. 1, 1905 . . . | \$30,000 00 |
|---|-------------|

PERPETUAL CARE FUND.

Received from :

| | |
|---|----------|
| D. W. Lawrence (on soldiers' lot) | \$300 00 |
| Estate of William F. Hadley | 150 00 |
| Estate of John Hutchins | 100 00 |
| Daniel W. Wilcox | 50 00 |
| Ann M. Born | 50 00 |
| Jane Turner | 50 00 |
| Angeline T. Shackley | 50 00 |
| Francis C. Thieler | 50 00 |
| Mary D. Martin | 50 00 |
| Francis A. Lander | 50 00 |
| Charles Treadway | 50 00 |
| Sarah J. Whitney | 50 00 |
| Arthur N. Smith | 50 00 |
| Mary J. Wallace | 25 00 |
| Charles L. Abbott | 25 00 |
| Fannie M. Adams | 25 00 |
| Thomas J. Barker | 25 00 |
| Luany W. Carson | 25 00 |
| Lillian M. Foster | 25 00 |
| Erving P. Morse | 25 00 |
| Abbie H. Sanborn | 25 00 |
| Jennie S. Hughes | 25 00 |

| | |
|-----------------------------------|------------|
| Mary E. Lauriat | \$25 00 |
| Laura Y. Litchfield | 25 00 |
| Charles H. Buck | 25 00 |
| H. Leslie Clark | 25 00 |
| William S. Urquhart | 25 00 |
| Edward M. Lafracain | 25 00 |
| Julia L. Hill | 25 00 |
| Francis S. Noyes | 25 00 |
| Estate of Mary M. Lewis | 25 00 |
| | <hr/> |
| | \$1,500 00 |

PLAYSTEAD ROAD EXTENSION.

Received from :

| | |
|--|------------|
| Parker R. Litchfield, trustee | \$3,635 57 |
| Medford Cemetery Department, filling and loam, | 75 00 |
| | <hr/> |
| | \$3,710 57 |

PUBLIC COMMONS.

Received from :

| | |
|---|---------|
| Frank P. Pierce, mowing lawn at High School-house, season of 1905 | \$28 00 |
|---|---------|

PUBLIC LIBRARY.

Received from :

| | |
|---|------------|
| J. O. Hayden, County Treasurer, 95 per cent of \$2,114.20 dog licenses for the year 1904 | \$2,008 49 |
| J. O. Hayden, County Treasurer, on account of dog fines | 21 00 |
| Medford Interest Account, on \$3,009.42 certificates of indebtedness (representing the Osgood, Tufts and Munroe funds) for one year to January 1, 1906, at 4 per cent | 120 38 |
| | <hr/> |
| | \$2,149 87 |

PUBLIC SCHOOLS. — CONTINGENT.

| | |
|--|----------|
| Received from : | |
| Malden Electric Co., to rectify error | \$0 13 |
| Sundry insurance companies, loss by fire August 19, 1905, on Everett Schoolhouse | 50 00 |
| Commonwealth of Massachusetts, education of children in care of State Board of Charity (R. L., Chap. 44, Sec. 4) | 172 00 |
| | <hr/> |
| | \$222 13 |

SEWER CONSTRUCTION.

| | |
|---|------------|
| Received from : | |
| C. E. Hudson, sewer pipe | \$11 15 |
| Lucy F. Aymar, labor on sewer connection | 1 00 |
| Mary E. Bates, labor on sewer connection | 1 63 |
| Northampton Portland Cement Co., bags, etc., | 24 02 |
| Aetna Life Insurance Co., excess of refunded premium over additional premium | 2 13 |
| Medford Highway Department, buggy | 100 00 |
| Medford Highway Department, pipe, cement, etc. | 867 86 |
| Medford Highway Department, raising house connection | 4 69 |
| Medford Engineering Department, document case | 14 00 |
| | <hr/> |
| | \$1,026 48 |

SIDEWALKS AND EDGESTONES.

| | |
|---|---------|
| Received from : | |
| Alice A. Perry, laying walk | \$4 08 |
| Angus M. Hamilton, laying walk | 4 08 |
| Orris H. Johnson, laying walk | 4 08 |
| William C. Miles, laying driveway | 10 54 |
| | <hr/> |
| | \$22 78 |

SINKING FUNDS.

| | |
|--|------------|
| Received from : | |
| Commissioners of Sinking Funds, premium on coupon notes Nos. 18 to 26, inclusive . . . | \$3,631 09 |

SNOW.

| | |
|---|------------|
| Received from : | |
| Commonwealth of Massachusetts, part of street railway tax | \$1,774 02 |

SOLDIERS' RELIEF.

| | |
|---|----------|
| Received from : | |
| Edward W. Hayes, agent, on account of Sarah A. Pooley | \$38 00 |
| Edward W. Hayes, conservator, on account of Catherine C. Cummings | 266 00 |
| | <hr/> |
| | \$304 00 |

SPECIAL POLICE, ETC.

| | |
|---|----------|
| Received from : | |
| Emery D. Holmes, use of ambulance | \$15 00 |
| Medford Water and Sewer Dept., black horse, | 140 00 |
| | <hr/> |
| | \$155 00 |

SPOT POND SUIT EXPENSES.

| | |
|--|------------|
| Received from : | |
| City of Melrose, $\frac{1}{3}$ of amount of sundry items, | \$209 53 |
| National Bank of Republic, interest on deposits from December 1, 1904, to October 1, 1905, | 1,058 70 |
| First National Bank, interest on deposits from November 1, 1904, to May 17 | 651 42 |
| | <hr/> |
| | \$1,919 65 |

STATE AID.

| | |
|--|------------|
| Received from : | |
| Commonwealth of Massachusetts, State aid | \$4,023 00 |
| Commonwealth of Massachusetts, military aid, | 8 00 |
| | <hr/> |
| | \$4,031 00 |

STREET LIGHTS.

Received from :

| | |
|--|----------|
| Malden Electric Co., rebate for 1905 on account of lighting public buildings | \$500 00 |
| Metropolitan Park Commission, maintenance of 7 incandescent lights on Highland Avenue, Forest and Elm Streets for 1 year to December 8, 1905 | 108 50 |
| | <hr/> |
| | \$608 50 |

TOWER CLOCK.

Received from :

| | |
|---|----------|
| Mercantile Fire and Marine Insurance Co., loss of clock on Methodist Church, by fire of August 19, 1905 | \$400 00 |
|---|----------|

TWO HUNDRED AND SEVENTY-FIFTH ANNIVERSARY.

Received from :

| | |
|--|---------|
| Walter F. Cushing, on account of printing | \$4 00 |
| Parker R. Litchfield, treasurer of committee on parade | 50 00 |
| | <hr/> |
| | \$54 00 |

WATERING STREETS.

Received from :

| | |
|--|---------|
| Shepherd Brooks, one watering cart | \$75 00 |
|--|---------|

WATER CONSTRUCTION.

Received from :

| | |
|---|------------|
| F. L. Cushing, Registrar, on account of service pipes | \$41 33 |
| F. L. Cushing, Registrar, on account of construction | 1,526 33 |
| | <hr/> |
| | \$1,567 66 |

WATER MAINTENANCE.

Received from :

| | |
|---|-------------|
| F. L. Cushing, Registrar, water rates | \$66,746 24 |
| F. L. Cushing, Registrar, maintenance | 357 00 |
| F. L. Cushing, Registrar, stable | 77 00 |
| F. L. Cushing, Registrar, refund of telephone charges | 2 00 |
| F. L. Cushing, Registrar, interest on balances for the year 1905 | 218 13 |
| Locke Coal Co., refund of amount paid twice, Commonwealth of Massachusetts, Medford's proportion of fees of other cities and towns for use of Metropolitan water system | 102 60 |
| | 256 94 |
| | <hr/> |
| | \$67,759 91 |

RECAPITULATION OF RECEIPTS.

| | |
|---|------------|
| Almshouse | \$298 19 |
| Ashes | 18 00 |
| Basins and Drain at Tainter Street | 4 74 |
| Brooks and Streams | 7 00 |
| Care of Cemeteries | 6,253 15 |
| City Collector, Sewer Apportionments | 2,057 98 |
| City Collector, Sewer Assessments | 2,013 07 |
| City Collector, Sewer Connections | 4,831 17 |
| City Collector, Sidewalk Applications | 102 48 |
| City Collector, Sidewalk Apportionments | 142 84 |
| City Collector, Sidewalk Assessments | 1,015 44 |
| City Collector, Tax Account | 458,450 95 |
| City Collector, Watering Assessment | 6,942 62 |
| Collecting Department Expenses | 85 |
| Collection of House Offal | 1,416 67 |
| Estates Bought at Sale for Taxes | 204 74 |
| Engineering Department Expenses | 225 37 |
| Gypsy or Brown-Tail Moths | 119 01 |
| General Repairs of Highways | 23,254 30 |

RECEIPTS.

121

| | |
|--|----------------|
| Health Department Expenses | \$37 00 |
| Interest | 8,949 74 |
| Income from Hoyle Fund | 6 00 |
| Miscellaneous Account | 52 50 |
| Miscellaneous Credits | 32,316 57 |
| Mystic Valley Improvement | 129 05 |
| New Hose | 236 00 |
| Notes | 76,643 24 |
| Notes in Anticipation of Taxes | 350,000 00 |
| Ordinary Expenses of Fire Department | 325 62 |
| Outside Relief | 1,472 27 |
| Payment of City Debt | 30,000 00 |
| Perpetual Care Fund | 1,500 00 |
| Playstead Road Extension | 3,710 57 |
| Public Commons | 28 00 |
| Public Library | 2,149 87 |
| Public Schools Contingent | 222 13 |
| Sewer Construction | 1,026 48 |
| Sidewalks and Edgestones | 22 78 |
| Sinking Funds | 3,631 09 |
| Snow | 1,774 02 |
| Soldiers' Relief | 304 00 |
| Special Police, etc. | 155 00 |
| Spot Pond Suit Expenses | 1,919 65 |
| State Aid | 4,031 00 |
| Street Lights | 608 50 |
| Tower Clock | 400 00 |
| 275th Anniversary | 54 00 |
| Watering Streets | 75 00 |
| Water Construction | 1,567 66 |
| Water Maintenance | 67,759 91 |
| | <hr/> |
| | \$1,098,466 22 |

EXPENDITURES.

ALDERMEN'S CONTINGENT.

Paid:

| | |
|--|----------|
| J. C. Miller, Jr., printing | \$150 15 |
| Medford Publishing Co., advertising | 33 38 |
| Medford Leader, advertising | 31 00 |
| Charles D. Tucker, stationery | 1 63 |
| Adams, Cushing & Foster, stationery | 1 08 |
| James J. Shannon & Co., adjusting typewriters, | 35 |
| Remington Typewriter Co., paper | 1 40 |
| I. H. Lipsky, engrossing | 15 00 |
| Henry W. Stone, engrossing | 14 00 |
| Robey-French Co., framing diploma | 4 50 |
| James Morrison, serving notices | 7 00 |
| G. W. Crawford, serving notices | 2 00 |
| Allston P. Joyce, cash paid for gavels | 8 00 |
| William A. Thompson, silver band on gavel | 3 00 |
| West Medford Club Stable, carriage hire | 44 00 |
| Leslie E. A. Smith, carriage hire | 10 00 |
| William F. Bartlett, lunch, May 30 | 20 00 |
| Hotel Plaza Co., dinners for City Government | 118 50 |
| C. C. A. Cigar Co., cigars | 12 55 |
| | <hr/> |
| | \$477 54 |

By appropriation, \$500.

ARMORY.

Paid:

| | |
|--|------------|
| Trustee of Veteran Association of the Lawrence Light Guard of Medford, rent of armory, heat- ing, lighting, care, 1 year to Jan. 1, 1906 | \$2,000 00 |
|--|------------|

By appropriation, \$1,600.

BONDS OF CITY OFFICIALS.

| | |
|--------------------------------------|----------|
| Paid : | |
| Edward M. Peters, premiums | \$206 00 |
| By appropriation, \$250. | |

CITY HALL.

| | |
|--|------------|
| Paid : | |
| Night watchman and janitor, as per pay-rolls | \$1,424 00 |
| Ernest B. Moore, agent, rent of Annex, 1 year to January 1, 1906 | 1,000 00 |
| Malden Electric Co., light | 197 34 |
| Malden & Melrose Gas Light Co., gas | 59 77 |
| William E. Ober, electrical work | 16 08 |
| Medford Coal Co., coal | 179 98 |
| Locke Coal Co., coal | 456 04 |
| J. N. Cowin & Co., wood | 2 75 |
| Medford Ice Co., ice | 39 45 |
| Medford Water Division, water | 45 96 |
| Robert Miller & Co., awnings, flags | 62 80 |
| The Warren Carpet Cleaning Co., cleaning car- pets and rugs | 37 21 |
| John H. Pray & Sons Co., rubber ends, rug, matting | 26 98 |
| W. H. Magoon, screens, shades, rollers | 15 77 |
| William Howe, repairing furniture | 6 00 |
| Mitchell Wing & Co., sanitary paper | 6 50 |
| Orient Manufacturing Co., spray, atomizer, tunnel, New England Towel Supply Co., towels | 22 29 |
| Warren H. Keay, painting, glazing | 197 67 |
| William Gibson, repairing locks, keys | 1 90 |
| William S. Richards, electrical work, broom, tumblers | 4 59 |
| Page & Curtin, plumbing repairs, dusters, hardware | 23 00 |
| Otto Neilson & Co., plumbing and furnace repairs, hardware | 67 00 |

| | |
|--|------------|
| George H. Archibald, carpentry | \$10 86 |
| Frank Hervey, matches, ammonia, broom, blackening | 4 03 |
| J. C. Miller, Jr., printing | 2 25 |
| Charles D. Tucker, pencils | 50 |
| Adams, Cushing & Foster, stationery | 2 90 |
| J. Henry Norcross, postal cards, envelopes . . | 53 |
| Erving B. Conant, frames | 7 50 |
| The Boston Store, ribbon, pins | 63 |
| Leslie E. A. Smith, carriage hire | 2 50 |
| McClellan's Express, expressing | 1 50 |
| American Express Co., expressing | 20 |
| | <hr/> |
| | \$3,932 17 |
| By appropriation, \$3,600 00 | |
| By transfer, 335 00 | |
| | <hr/> |
| | \$3,935 00 |

CLAIMS.

Paid:

| | |
|--|------------|
| George A. Miles, M. D., injury to horse on Winchester Street, March 21, 1904 | \$20 00 |
| Maurice Morrissey (Elder & Whitman, atty's), injury on or about December 20, 1900, at ledge off Winthrop Street | 25 00 |
| Alvin D. Puffer, by William P. Martin, attorney, amount of judgment rendered on November 6, 1905, in Middlesex Superior Court in action of Alvin D. Puffer v. City of Medford, No. 7383: | |
| Damages | \$2,210 60 |
| Costs | 44 93 |
| 9 days interest at 6%, 3 38 | |
| | <hr/> |
| | 2,258 91 |
| | <hr/> |
| | \$2,303 91 |
| By transfer, \$2,303 91 | |

DECORATION AND CARE OF SOLDIERS' GRAVES.

Paid :

| | |
|--|----------|
| Frank O. Waterman, Quartermaster Post 66, G. A. R., amount appropriated | \$300 00 |
| John P. Drury, Commander, and E. J. Connors, Quartermaster, Camp 31, Spanish War Vet- erans, amount appropriated | 35 00 |
| | <hr/> |
| | \$335 00 |
| By appropriation, \$300 00 | |
| By transfer, 35 00 | |
| | <hr/> |
| | \$335 00 |

ESCAPING GAS INVESTIGATION.

Paid :

| | |
|--|---------|
| George E. Stone, services and expenses examin- ing trees injured by gas | \$72 28 |
| Charles T. Daly, assisting inspector | 2 00 |
| | <hr/> |
| | \$74 28 |
| By transfer, \$75 00 | |

GYPSY AND BROWN-TAIL MOTHS.

Paid, between January 2 and May 8 :

| | |
|--|------------|
| Workmen, as per pay-rolls | \$3,497 82 |
| Edward A. Hathaway, filing saws | 5 30 |
| William Gibson, hardware | 9 60 |
| Page & Curtin, hardware, rope, tools | 31 54 |
| Murphy, Leavens & Co., brushes, handles, poles, pails | 172 70 |
| T. J. Edwards, burning brand | 1 50 |
| John W. Enright, creosote, vaseline, sponges, soap | 59 13 |
| Daniel N. Howard, creosote, arsenate of lead | 16 60 |
| Jenney Manufacturing Co., gas oil | 25 27 |

| | |
|--|--------|
| The Alden Speare's Sons Co., gas oil . . . | \$2 99 |
| Medford Highway Department, teaming . . . | 75 75 |
| Amos B. Morss, printing | 7 50 |
| Boston & Maine Railroad, freight | 1 00 |

Paid, between May 9 and December 30:

| | |
|--|-----------|
| Workmen, as per pay-rolls | 10,780 32 |
| William Gibson, nozzle, pipe | 77 |
| Page & Curtin, pruners, rope, lampblack, brushes, | 48 57 |
| Murphy, Leavens & Co., brushes | 46 16 |
| John W. Enright, creosote | 88 70 |
| Daniel N. Howard, creosote, lead | 84 90 |
| Jenney Manufacturing Co., gas oil | 38 78 |
| The Alden Speare's Sons Co., gas oil | 2 77 |
| Medford Highway Department, teaming | 196 50 |
| Amos B. Morss, envelopes, printing | 9 00 |
| Red Star Printing Co., printing circulars and time sheets | 30 00 |
| Medford Leader, advertising | 8 00 |
| J. Henry Norcross, postage stamps | 70 00 |
| Eliza M. Gill, clerical work on circulars | 11 03 |
| Clara B. Orcutt, clerical work on circulars | 9 00 |
| Erving B. Conant, photographs | 12 00 |
| Carter, Rice & Co., paper | 8 94 |
| Arthur T. Loomis, rubber boots | 101 46 |
| William A. Baker, bicycle, supplies, repairing, | 43 05 |
| H. L. Chase & Co., burlap, twine | 16 78 |
| Bowker Insecticide Co., disparene, hose | 22 50 |
| H. L. Frost & Co., burlap, twine, knives | 32 94 |
| New England Telephone and Telegraph Co., tolls | 35 |
| Cornelius Whitehead, creosote compound | 212 10 |
| Warren H. Keay, glass, putty | 55 |
| Charles H. Hartshorn, washers | 25 |
| Fellows & Co., ladders, poles, hooks, pails, rope, | 338 65 |
| Peter F. Tague Co., rope | 6 72 |

EXPENDITURES.

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| | |
|---|----------|
| Boston Engineers' Supply Co., grindstone, scythe, axes, forks, handles | \$437 07 |
| Richardson & Brackett, lampblack, brushes | 66 85 |
| James Simpson & Co., casualty insurance | 130 00 |
| Medford Engineering Department, incidentals | 45 |
| Andrew H. Kennedy, use of wagon | 15 00 |
| Donoghue's Express, expressing | 6 50 |
| Chase's Express, expressing | 6 80 |
| American Express Co., expressing | 30 |
| Boston & Maine Railroad, freight | 1 00 |

\$16,791 46

| | |
|-------------------------------|--|
| By appropriation, \$10,000 00 | |
| By balance, 153 75 | |
| By transfer, 1,750 00 | |
| By receipts, 119 01 | |

\$12,022 76

| | |
|--|------------|
| Amount paid between January 2 and May 8 | \$3,906 70 |
| Amount paid between May 9 and December 30, | 12,884 76 |

HYDRANTS AND STANDPIPES.

Paid :

| | |
|--|------------|
| Medford Water Division, water, 1 year to Jan. 1, 1906 | \$6,500 00 |
|--|------------|

By transfer, \$6,500.

INCOME FROM HOYLE FUND.

Paid :

| | |
|--|--------|
| Medford Water Division, caring for drinking fountain, corner Spring and Salem Streets, during 1904 | \$6 00 |
|--|--------|

By receipts, \$6 00

INTEREST.

Paid:

| | |
|---|----------|
| Salem Five Cents Savings Bank, on \$12,500, 1 year, to July 15, 1905, at 4 per cent | \$500 00 |
| North Avenue Savings Bank, on \$4,000, 6 months, to June 1, 1905, at 4 per cent | 80 00 |
| North Avenue Savings Bank, on \$2,000, 6 months, to Dec. 1, 1905, at 4 per cent | 40 00 |
| The Boston Pilots' Relief Society, on \$1,242.91, 1 year, to Dec. 1, 1905, at 4 per cent | 49 72 |
| City of Springfield, on \$35,000, 1 year, to Dec. 15, 1905, at 4 per cent | 1,400 00 |
| City of Cambridge, on \$10,000, 1 year, to Dec. 15, 1905, at 4 per cent | 400 00 |
| Blake Bros. & Co., discount on city note of \$50,000, 184 days, to February 9, 1906, at 3.65 per cent | 932 78 |
| Blake Bros. & Co., discount on city note of \$75,000, 153 days, to December 1, 1905, at 3.45 per cent | 1,099 70 |
| National Bank of the Republic, on \$50,000, 3 days, at 4 per cent | 16 67 |
| National Bank of the Republic, on \$50,000, 16 days, at 4 per cent | 66 67 |
| Loring, Tolman & Tupper, on \$100,000, 6 months, to June 5, 1906, at 4.48 per cent | 2,264 89 |
| Loring, Tolman & Tupper, on \$75,000, 183 days, at 3.13 per cent | 1,193 31 |
| Loring, Tolman & Tupper, on \$50,000, 273 days, at 3.27 less 25 cents premium | 1,239 63 |
| Commonwealth of Massachusetts, on \$18,000, 1 year, to Oct. 16, 1905, at 4 per cent | 720 00 |
| Commonwealth of Massachusetts, on \$18,000, 6 months, to July 1, 1905, at 4 per cent | 360 00 |
| Commonwealth of Massachusetts, on \$24,500, 1 year, to Dec. 1, 1905, at 3.5 per cent | 857 50 |

EXPENDITURES.

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| | | |
|--|----------|----------|
| Medford Commissioners of Sinking Funds, on \$4,000, 1 year, to Dec. 1, 1905, at 4 per cent, | \$160 00 | |
| Medford Water Division, on average balance of \$8,521.35, 1 year, to January 1, 1906, at 2 per cent | | 170 42 |
| Medford Trustees of Cemeteries, balance due on account of interest on \$22,185 certificates of indebtedness, 1 year, to Jan. 1, 1905, at 4 per cent, less payment of Dec. 31, 1904 | | 35 80 |
| Medford Trustees of Cemeteries, on \$22,185 certificates of indebtedness, 1 year, to Jan. 1, 1906, at 4 per cent | | 887 40 |
| Protestant Churches of Medford, on \$5,000 certificates of indebtedness, 1 year, to Jan. 1, 1906, divided as follows : | | |
| Baptist Church, 295 members | \$40 01 | |
| Mystic Church, 381 members | 51 66 | |
| Unitarian Church, 140 members | 18 98 | |
| Methodist Church, 240 members | 32 54 | |
| Universalist Church, 142 members | 19 25 | |
| Episcopal Church, 277 members | 37 56 | |
| | | 200 00 |
| Medford Public Library, on \$3,009.42 certificates of indebtedness (Osgood, Tufts and Munroe Funds), 1 year, to Jan. 1, 1906, at 4 per cent | | 120 38 |
| Allston P. Joyce, City Clerk, on \$7,100 certificates of indebtedness (Secomb and Simonds Funds), 1 year, to Jan. 1, 1906, at 4 per cent | \$284 00 | |
| on Bradbury Fund, 1 year, to November 1, 1905 | 397 25 | 681 25 |
| Coupons due Mar. 1, 1904, Public Building Loan, | | 20 00 |
| Coupons due Sept. 1, 1904, Public Building Loan, | | 20 00 |
| Coupons due Jan. 1, 1905, Public Building Loan, | | 3,320 00 |
| Coupons due Feb. 1, 1905, Public Building Loan, | | 1,800 00 |

| | |
|---|----------|
| Coupons due Mar. 1, 1905, Public Building Loan, | \$620 00 |
| Coupons due May 1, 1905, Public Building Loan, | 1,120 00 |
| Coupons due July 1, 1905, Public Building Loan, | 3,320 00 |
| Coupons due Aug. 1, 1905, Public Building Loan, | 1,800 00 |
| Coupons due Sept. 1, 1905, Public Building Loan, | 500 00 |
| Coupons due Nov. 1, 1905, Public Building Loan, | 1,120 00 |
| Coupons due Nov. 1, 1904, Lincoln Schoolhouse Loan | 700 00 |
| Coupons due May 1, 1905, Lincoln Schoolhouse Loan | 900 00 |
| Coupons due Nov. 1, 1905, Lincoln Schoolhouse Loan | 900 00 |
| Coupons due May 1, 1905, Metropolitan Park Assessment | 540 00 |
| Coupons due Nov. 1, 1905, Metropolitan Park Assessment | 540 00 |
| Coupons due Aug. 1, 1904, Sewerage Loan . | 80 00 |
| Coupons due Jan. 1, 1905, Sewerage Loan . | 2,500 00 |
| Coupons due Feb. 1, 1905, Sewerage Loan . | 3,700 00 |
| Coupons due April 1, 1905, Sewerage Loan . | 800 00 |
| Coupons due July 1, 1905, Sewerage Loan . | 2,500 00 |
| Coupons due Aug. 1, 1905, Sewerage Loan . | 3,700 00 |
| Coupons due Oct. 1, 1905, Sewerage Loan . | 800 00 |
| Coupons due Nov. 1, 1904, Municipal Loan . | 700 00 |
| Coupons due Jan. 1, 1905, Municipal Loan . | 2,000 00 |
| Coupons due May 1, 1905, Municipal Loan . | 4,000 00 |
| Coupons due July 1, 1905, Municipal Loan . | 2,000 00 |
| Coupons due Nov. 1, 1905, Municipal Loan . | 3,780 00 |
| Coupons due Feb. 1, 1904, Park Loan . . | 40 00 |
| Coupons due Aug. 1, 1904, Park Loan . . | 40 00 |
| Coupons due Jan. 1, 1905, Park Loan . . | 400 00 |
| Coupons due Feb. 1, 1905, Park Loan . . | 1,000 00 |
| Coupons due July 1, 1905, Park Loan . . | 400 00 |
| Coupons due Aug. 1, 1905, Park Loan . . | 960 00 |
| Coupons due May 1, 1905, Playground Loan . | 180 00 |
| Coupons due June 1, 1905, Playground Loan . | 280 00 |

EXPENDITURES.

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| | |
|--|-------------|
| Coupons due Nov. 1, 1905, Playground Loan . | \$180 00 |
| Coupons due Dec. 1, 1905, Playground Loan . | 280 00 |
| Coupons due June 1, 1905, City Stable Loan . | 300 00 |
| Coupons due Dec. 1, 1905, City Stable Loan . | 240 00 |
| Coupons due June 1, 1905, Notes | 789 00 |
| Coupons due July 1, 1905, Notes | 73 00 |
| Coupons due Dec. 1, 1905, Notes | 789 00 |
| | <hr/> |
| | \$63,207 12 |
| By appropriation, \$56,000 00 | |
| By receipts, 8,949 74 | |
| | <hr/> |
| | \$64,949 74 |

JAMES SCHOOLHOUSE ADDITION.

Paid :

| | |
|--|-------------|
| Wales & Holt, architectural services | \$1,151 63 |
| Hollis French and Allen Hubbard, consulting engineers | 176 85 |
| W. C. Thompson, moving schoolhouse, etc. | 125 00 |
| F. C. Alexander, on contract for building | 13,303 50 |
| F. C. Alexander, extra work | 210 00 |
| Page & Curtin, on contract for plumbing | 932 24 |
| Huey Bros., on contract for heating | 1,477 50 |
| Barnes Electric Co., wiring | 250 00 |
| Lewis H. Lovering, carpentry | 682 83 |
| Medford Publishing Co., advertising | 2 50 |
| | <hr/> |
| | \$18,312 05 |
| By appropriation, \$28,000. | |

METROPOLITAN PARK TAX.

Paid :

| | |
|---|-------------|
| Commonwealth of Massachusetts | \$17,579 63 |
| By warrant, \$17,579.63. | |

METROPOLITAN SEWER TAX.

Paid:

Commonwealth of Massachusetts . . . \$18,421 41

By warrant, \$18,421.41.

METROPOLITAN WATER TAX.

Paid:

Commonwealth of Massachusetts . . . \$28,631 54

By transfer, \$28,631.54.

MIDDLESEX COUNTY TAX.

Paid:

J. O. Hayden, County Treasurer . . . \$21,283 07

By warrant, \$21,283.07.

MISCELLANEOUS ACCOUNT.

Paid:

| | |
|--|---------|
| William F. Bartlett, inaugural spread . . . | \$40 00 |
| Ellen M. Gill, flowers for inauguration . . . | 12 00 |
| Medford Ice Co., ice for drinking fountains . . . | 150 00 |
| Leslie E. A. Smith, carriage hire . . . | 7 00 |
| West Medford Club Stable, carriage hire . . . | 11 00 |
| Frank P. Peirce, services at inauguration . . . | 7 00 |
| Laura E. Cushing, stenographer's services . . . | 14 00 |
| Margaret I. Tobin, services as Mayor's stenog- rapher, Jan. 11, 1905, to Jan. 1, 1906 . . . | 507 89 |
| American Bank Note Co., printing bonds, letter headings, etc. | 64 75 |
| George H. Ellis & Co., printing | 8 50 |
| Amos B. Morss, printing | 2 25 |
| J. C. Miller, Jr., printing | 50 35 |
| Agnes Goodale, engrossing certificates, Fire Department | 5 00 |

EXPENDITURES.

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| | |
|---|--------|
| Helen T. Wild, clerical work, searching records pertaining to Middlesex Avenue Bridge, etc., | \$9 00 |
| J. Henry Norcross, postage stamps | 12 41 |
| Charles D. Tucker, stationery | 1 80 |
| Adams, Cushing & Foster, stationery | 16 95 |
| Library Bureau, cards | 88 |
| F. H. Radford, directory | 2 00 |
| Rosella Bullock, typewriting | 6 21 |
| Remington Typewriter Co., supplies, repairs | 27 55 |
| W. & L. E. Gurley, sealer's testing balance in mahogany case | 35 00 |
| Security Safe Deposit Co., rent of safe one year to November 1, 1906 | 40 00 |
| Julius A. Zinn, wreath for funeral of Mayor Collins of Boston | 25 00 |
| P. F. Kelley, witness fees, Brewster vs. City of Medford | 5 00 |
| Lyman H. Richards, serving subpoenas | 6 80 |
| Peter F. Lenox, rent of barn for pound | 25 00 |
| Frederick M. Viles, keeping horse, storing pung and wagon | 17 50 |
| Malden Electric Co., light, rent of fan motor, | 24 79 |
| James Robertson, barrel | 25 |
| Robert Burlen, binding Mayor's records | 20 00 |
| James B. Simpson, cash paid for fares | 1 10 |
| Thomas F. McGuine, police service at Middlesex Avenue Bridge | 35 00 |
| Michael Callahan, police service at Middlesex Avenue Bridge | 35 00 |
| Alexander M. Higgins, police service at Mid- dlesex Avenue Bridge | 35 00 |
| Robert M. Spinney, burial agent, expenses of burial | 3 50 |
| Erving B. Conant, photographs | 6 00 |
| Waldemere F. Thode, photographs of trees and enlargements of same | 60 00 |

| | |
|---|------------|
| Charles T. Daly, inspecting work of Malden and Melrose Gas Light Co. and making report . . . | \$52 50 |
| Margaret I. Tobin, cash paid for express . . . | 25 |
| Thomas F. Blackington, ringing bell . . . | 3 00 |
| Leon R. Bigelow, ringing bell . . . | 3 00 |
| Christopher C. Roop, ringing bell . . . | 3 00 |
| I. M. Smith, ringing bell . . . | 3 00 |
| Chase's Express, expressing . . . | 70 |
| Welch's Express, expressing . . . | 75 |
| American Express Co., expressing . . . | 50 |
| | <hr/> |
| | \$1,398 18 |
| By appropriation, \$1,500 00 | |
| By receipts, 52 50 | |
| | <hr/> |
| | \$1,552 50 |

MISCELLANEOUS CREDITS.

| | |
|---|-------------|
| Paid : | |
| Commonwealth of Massachusetts, on account of liquor licenses | \$2 75 |
| George Nichols Co., burial of soldiers and soldier's widow | 210 00 |
| Francis M. Wilson, burial of soldier . . . | 35 00 |
| T. L. Goudey, burial of soldier's widow . . | 35 00 |
| | <hr/> |
| | \$282 75 |
| Amount transferred to other accounts . . . | 37,017 92 |
| | <hr/> |
| | \$37,300 67 |
| By appropriation, \$7,500 00 | |
| By receipts, 32,316 57 | |
| | <hr/> |
| | \$39,816 57 |

MYSTIC VALLEY IMPROVEMENT.

| | | | |
|---|-------------------|----------|-------------------|
| Paid: | | | |
| Irving L. Russell, administrator of the estate of Charles A. Russell, 2½ acres of land . . . | | | \$80 00 |
| Medford Engineering Department, engineering services restaking line of Mystic Valley improvement | | | 167 07 |
| John H. Hooper, appraising Hellen estate, attendance at court, case of Hellen vs. City of Medford | | | 50 00 |
| Joseph Hellen, on execution of Superior Court, Damages | \$1,290 24 | | |
| Costs | 142 76 | | |
| Interest 1 month at 6 per cent. | 7 17 | 1,440 17 | |
| Dana B. Cutter, on execution of Superior Court, Damages | \$1,325 00 | | |
| Costs | 81 61 | | |
| Interest 1 month at 6 per cent. | 7 03 | 1,413 64 | |
| | | | <u>\$3,150 88</u> |
| By balance, | \$4,536 43 | | |
| By receipts, | 129 05 | | |
| | <u>\$4,665 48</u> | | |

NOTES IN ANTICIPATION OF TAXES.

| | | | |
|--|--|--|---------------------|
| Paid: | | | |
| Three notes due January 16, 1905 | | | \$50,000 00 |
| Four notes due June 16, 1905 | | | 50,000 00 |
| Four notes due July 17, 1905 | | | 50,000 00 |
| Four notes due August 16, 1905 | | | 50,000 00 |
| Four notes due November 1, 1905 | | | 50,000 00 |
| Five notes due December 1, 1905 | | | 75,000 00 |
| Three notes due December 6, 1905 | | | 75,000 00 |
| | | | <u>\$400,000 00</u> |

OVERLAY AND ABATEMENT.

Paid:

| | |
|---|---------|
| Carlo Polegio, abatement on personal estate | \$3 21 |
| John B. Chandler, abatement on personal estate, | 10 70 |
| | <hr/> |
| | \$13 91 |

PAYMENT OF CITY DEBT.

Paid:

| | |
|--|-------------|
| Note due June 1, 1905 | \$2,000 00 |
| 19 Sewerage Loan Bonds, due July 1, 1905 | 19,000 00 |
| 10 Sewerage Loan Bonds, due October 1, 1905, | 10,000 00 |
| | <hr/> |
| | \$31,000 00 |
| By appropriation, \$2,000 00 | |
| By receipts | 30,000 00 |
| | <hr/> |
| | \$32,000 00 |

PERPETUAL CARE FUND.

Paid:

| | |
|---|------------|
| Medford Commissioners of Sinking Funds, amount of Perpetual Care Fund accumulation during the year ending December 31, 1905 | \$1,500 00 |
| By receipts, \$1,500. | |

PLAYSTEAD ROAD EXTENSION.

Paid:

| | |
|--|------------|
| Workmen, as per pay-rolls | \$3,199 94 |
| Thatcher E. Littlefield, lumber | 3 31 |
| Blanchard, Kendall & Co., posts | 2 20 |
| Page & Curtin, hardware, lead | 8 73 |
| Chase, Parker & Co., iron | 19 64 |
| Timothy Donlin, stone | 4 00 |
| Pittsburgh Plate Glass Co., paint, shellac | 9 50 |
| Charles H. Hunter & Co., oil | 9 00 |
| Warren H. Keay, painting signs | 8 00 |

EXPENDITURES.

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| | |
|---|------------|
| Arthur T. Loomis, rubber boots | \$13 50 |
| Coes & Young, rubber boots | 22 50 |
| Frank Hervey, fuse, caps | 2 55 |
| Medford Highway Department, teaming | 397 50 |
| Medford Engineering Department, expense on account of work | 4 45 |
| Welch's Express, expressing | 25 |
| | <hr/> |
| | \$3,705 07 |

By receipts, \$3,710 57.

REVISION OF ORDINANCES.

Paid :

| | |
|---|----------|
| Medford Publishing Co., advertising | \$7 50 |
| Medford Leader, advertising | 159 00 |
| James J. Shannon & Co., typewriter supplies | 3 90 |
| | <hr/> |
| | \$170 40 |

By balance, \$876 55.

SALARIES.

Paid :

| | |
|---|------------|
| Michael F. Dwyer, Mayor, 1 year, to January 1, 1906 | \$1,000 00 |
| Richard J. Dwyer, Mayor's Clerk, 1 year, to January 1, 1906 | 700 00 |
| J. Mott Hallowell, City Solicitor, 1 year, to Jan- uary 1, 1906 | 800 00 |
| William Gavin Taylor, City Engineer, February 1 to March 6, 1905 | 252 15 |
| Edward P. Byrne, City Engineer, March 6, 1905, to January 1, 1906 | 1,147 85 |
| Alfred J. Hawks, M. D., City Physician, Jan- uary 1 to March 6, 1906 | 54 03 |
| Patrick F. Gahan, M. D., City Physician, March 6, 1905, to January 1, 1906 | 245 97 |

| | |
|---|------------|
| James B. Simpson, City Messenger, 1 year, to January 1, 1906 | \$1,000 00 |
| Edward W. Mitchell, Clerk of Committees, 1 year, to January 1, 1906 | 450 00 |
| Winslow Joyce, Inspector of Animals, 3 months, to April 1, 1905 | 50 01 |
| Harrie W. Pierce, Inspector of Animals, 9 months, to January 1, 1906 | 149 99 |
| William F. Leahy, Registrar of Voters, 1 year, to January 1, 1906 | 100 00 |
| John F. Reagan, Registrar of Voters, 1 year, to January 1, 1906 | 100 00 |
| Barker B. Howard, Registrar of Voters, 8 months, ending August 31, 1905 | 66 64 |
| Nahum E. Wilbur, Registrar of Voters, 3 months, October 1, 1905, to January 1, 1906, Allston P. Joyce, Clerk of Registrars, 1 year, to January 1, 1906 | 25 00 |
| Daniel W. Lawrence, Treasurer of Sinking Funds, 1 year, to January 1, 1906 | 125 00 |
| Everard I. Langell, Secretary of Commissioners of Sinking Funds, 1 year, to Jan. 1, 1906 | 50 00 |
| Peter F. Lenox, Pound Keeper, 1 year, to Jan- uary 1, 1906 | 50 00 |
| Frank Hathaway, Public Weigher, 1 year, to January 1, 1906 | 25 00 |
| Thomas D. Collins, Fish Committee 1 year, to January 1, 1906 | 25 00 |
| Nason B. Cunningham, Fish Committee, 1 year, to January 1, 1906 | 10 00 |
| George L. Newhall, Fish Committee, 1 year, to January 1, 1906 | 10 00 |
| | <hr/> |
| | \$6,446 64 |

By appropriation, \$6,455.

SINKING FUNDS.

| | |
|---|-------------|
| Paid : | |
| Medford Commissioners of Sinking Funds : | |
| Premium on coupon note No. 18 | \$297 39 |
| Premium on coupon notes Nos. 19, 20 | 1,414 00 |
| Premium on coupon note No. 21 | 231 00 |
| Premium on coupon note No. 22 | 96 37 |
| Premium on coupon note No. 23 | 71 23 |
| Premium on coupon note No. 24 | 377 10 |
| Premium on coupon notes Nos. 25, 26 | 1,144 00 |
| Amount of Sinking Fund requirements | 67,437 95 |
| | <hr/> |
| | \$71,069 04 |
| By appropriation, \$67,437 95 | |
| By receipts, 3,631 09 | |
| | <hr/> |
| | \$71,069 04 |

SOLDIERS' RELIEF.

| | |
|--|----------|
| Paid : | |
| Margaret E. McDonald, cash allowance for 12 months | \$180 00 |
| Harriet L. W. Potter, cash allowance for 12 months | 96 00 |
| Teresa M. Foster, cash allowance for 12 months, | 72 00 |
| Jennie M. Winn, cash allowance for 12 months, | 72 00 |
| Susan W. Bartholomew, cash allowance for 12 months | 96 00 |
| Ellen Walker, cash allowance for 12 months | 48 00 |
| Sarah O. Loring, cash allowance for 12 months, | 72 00 |
| Sarah A. Spencer, cash allowance for 12 months, | 96 00 |
| Eliza Andrews, cash allowance for 12 months | 96 00 |
| Rose Simpson, cash allowance for 12 months | 72 00 |
| Susan Bailey, cash allowance for 12 months | 72 00 |
| Joanna L. Blaisdell, cash allowance for 12 months | 48 00 |

| | |
|--|------------|
| Martha A. Redman, cash allowance for 12 months, | \$48 00 |
| John McCowan, cash allowance for 12 months . | 60 00 |
| Edward T. Perkins, cash allowance for 12 months, | 144 00 |
| Jacob L. Babcock, cash allowance for 12 months, | 96 00 |
| Oren S. Severence, cash allowance for 12 months, | 120 00 |
| William Tisdale, cash allowance for 12 months, | 120 00 |
| Albert Ormond, cash allowance for 12 months . | 48 00 |
| Emery W. Ramsdell, cash allowance for 12 months | 84 00 |
| Jeremiah T. Carter, cash allowance for 12 months, | 120 00 |
| George D. Booker, cash allowance for 12 months, | 116 00 |
| Frederick N. Curtis, cash allowance for 12 months, | 120 00 |
| Charles J. Newcomb, cash allowance for 12 months | 48 00 |
| Mary E. Barton, cash allowance for 11 months, | 66 00 |
| Julia Fitzpatrick, cash allowance for 11 months, | 66 00 |
| John Wentworth, cash allowance for 9 months, | 85 00 |
| Estate of John Wentworth, cash allowance for 1 month | 10 00 |
| Mary H. Hartsborn, cash allowance for 4 months, | 24 00 |
| Francis J. Snell, cash allowance for 4 months, | 24 00 |
| Mary C. Barnes, cash allowance for 3 months, | 18 00 |
| Julia A. Paine, cash allowance for 1 month . | 10 00 |
| Mary P. Clark, board | 30 00 |
| Ascenith J. Sawyer, board and care at Sherman Hospital | 548 57 |
| John A. Morgan, medicine | 1 00 |
| Maud Ahearn, nursing | 20 00 |
| Mrs. Thomas Curtis, nursing | 10 00 |
| H. E. Fernald, M. D., professional services . | 30 00 |
| Edward W. Hayes, salary as agent for Soldiers' Relief, 1 year, to January 1, 1906 . . . | 50 00 |
| Edward W. Hayes, cash paid for traveling expenses | 2 05 |
| | <hr/> |
| | \$3,138 62 |

| | |
|---------------------------|---------|
| By appropriation, \$2,500 | |
| By transfer, | 400 |
| By receipts, | 304 |
| | <hr/> |
| | \$3,204 |

SPOT POND SUIT EXPENSES.

| | |
|--|-------------|
| Paid: | |
| Nathan Matthews, professional services including Mr. Hallowell's | \$5,000 00 |
| Charles A. Allen, one-third cost of professional services and expenses | 1,544 87 |
| Charles A. Hague, professional services | 688 82 |
| George W. Birdsall, professional services and expenses | 190 00 |
| John W. Hill, professional services and expenses, | 462 37 |
| Josiah H. Benton, services as commissioner | 725 00 |
| Everett C. Bumpus, services as commissioner | 662 50 |
| James A. Stiles, services as commissioner | 662 50 |
| Raud, Vinton & Wakefield, consultation and opinion | 58 34 |
| J. Herbert Shedd, services and expenses | 105 77 |
| B. R. Felton, services and expenses | 229 80 |
| Emil Kuehling, services as expert hydraulic engineer | 463 00 |
| John W. Ellis, one-third retainer as consulting engineer | 33 34 |
| Rosella Bullock, typewriting | 10 31 |
| Helen L. Muirhead, typewriting at preliminary hearing | 10 52 |
| Rogers & Jones, copy of testimony | 5 20 |
| | <hr/> |
| | \$10,852 34 |
| Amount transferred to Hydrants and Standpipes, | 6,500 00 |
| | <hr/> |
| | \$17,352 34 |

REPORT OF CITY AUDITOR.

By balance, \$27,804 56
 By receipts, 1,919 65

 \$29,724 21

SPOT POND WATER FUND.

Paid:
 Medford Commissioners of Sinking Funds,
 amount received by the city from the Com-
 monwealth of Massachusetts, as the first pay-
 ment on account of takings in and about Spot
 Pond \$100,000 00
 By balance, \$100,000.

STATE TAX.

Paid:
 Commonwealth of Massachusetts \$25,920 00
 By warrant, \$25,920.

STREET LIGHTS.

Paid:
 Malden Electric Co., lighting as per contract, \$20,140 54
 By appropriation, \$20,099 04
 By transfer, 249 00
 By receipts, 608 50

 \$20,956 54

TELEPHONE — CITY HALL.

Paid:
 New England Telephone & Telegraph Co., rental
 and tolls, 1 year, to February 1, 1906 \$146 08
 By appropriation, \$160.

275TH ANNIVERSARY.

Paid :

| | |
|--|--------|
| Thomas F. Blackington, ringing bell | \$3 00 |
| Christopher C. Roop, ringing bell | 3 00 |
| I. M. Smith, ringing bell | 3 00 |
| Leon R. Bigelow, ringing bell | 3 00 |
| J. & W. Coakley, carting gun carriage | 3 00 |
| Salem Cadet Band, services | 184 00 |
| Benjamin F. Teel, band | 104 00 |
| George A. Carter, 5th Regiment Fife and Drum Corps, services | 40 00 |
| Clark and Treet's Orchestra, services | 36 00 |
| Arlington Fife and Drum Corps, services | 25 00 |
| Medford High School Orchestra, incidental expenses, etc. | 3 70 |
| Medford Band, services | 192 00 |
| Mary P. C. Cummings, use of 12 horses and ser- vices of three men for Battery C | 45 00 |
| William H. Flowers, use of horse | 5 00 |
| Charles W. Dailey, use of carriages and saddle horses | 82 00 |
| William K. Porter, use of horse | 5 00 |
| John Williams, use of mule team | 15 00 |
| Reuben C. Hawes, use of teams | 24 00 |
| Leslie E. A. Smith, baiting horses, use of lan- daus | 51 50 |
| West Medford Club Stable, use of barges | 31 00 |
| Walter C. Stevens, transportation of Signal Corps | 2 50 |
| Welch's Express, teaming | 5 00 |
| Lieutenant E. L. Shinn, transportation of Ambu- lance Corps | 6 16 |
| John Balch Blood, transportation to and from Lynn | 8 40 |
| Boston Elevated Railway Co., use of special cars | 67 00 |

| | |
|--|----------|
| H. H. Tilton & Co., fireworks | \$300 00 |
| William B. Whitcomb, services in connection with fireworks | 10 00 |
| Caleb B. Buckman & Co., decorating buildings, | 65 00 |
| Marion R. Dalgleish, badges | 15 60 |
| Kenny Brothers & Wolkins, bunting, ribbon . | 34 47 |
| J. F. Parker & Co., flags, flag-poles . . . | 48 25 |
| C. F. Cammall, 4000 button badges | 50 00 |
| Bent & Bush, loan of flags | 6 00 |
| E. Alice Sills, cash paid for wigs, costumes . | 9 60 |
| Martha E. Hayes, cash paid for material for costumes | 1 47 |
| Bliss P. Boultenhouse, cash paid Miss McShane for drilling pupils | 10 00 |
| Rosewell B. Lawrence, cash paid for lunch for High School Battalion | 35 00 |
| Ernest B. Moore, agent, rent of Tufts Hall . | 10 00 |
| E. C. Mead, rent of Opera House | 75 00 |
| Lewis H. Lovering, platforms on stage and floor, | 15 00 |
| H. H. Holton, services rendered. Athletic Com- mittee | 100 00 |
| Battery C, fares, supplies, ammunition . . . | 50 25 |
| Jesse A. Dill & Co., lunch for 725 | 290 00 |
| Frank R. Waterman, breakfast and supper for Battery | 30 47 |
| Herbert I. Hoyt, meals furnished | 2 65 |
| Ernest B. Moore, treasurer, invited guests' tick- ets to banquet | 34 00 |
| Margaret I. Tobin, stenographic work . . . | 10 00 |
| J. Henry Norcross, postage stamps | 8 00 |
| Red Star Printing Co., printing | 4 75 |
| J. C. Miller, Jr., printing | 15 75 |
| Amos B. Morss, printing postals | 1 00 |
| E. B. Stillings & Co., printing programs . . | 29 00 |
| Adams, Cushing & Foster, paper | 1 30 |
| Medford Leader, advertising | 6 00 |

EXPENDITURES.

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| | |
|---|------------|
| Medford Publishing Co., advertising . . . | \$4 50 |
| Otto Neilson & Co., cash paid for postals . | 80 |
| E. J. MacOnie, services as reader at school exercise | 2 00 |
| Hon. William Everett, services writing an ode, | 50 00 |
| Rev. Nehemiah Boynton, services as orator . | 25 00 |
| | <hr/> |
| | \$2,288 12 |
| By appropriation, \$2,000 00 | |
| By transfer, 275 00 | |
| By receipts, 54 00 | |
| | <hr/> |
| | \$2,329 00 |

ASSESSING DEPARTMENT.

SALARIES OF ASSESSORS AND CLERK.

Paid :

| | |
|---|------------|
| Henry Withington, 1 year, to Jan. 1, 1906 . | \$650 00 |
| Edward S. Randall, 1 year, to Jan. 1, 1906 . | 650 00 |
| Myron G. Curtis, 1 year, to Jan. 1, 1906 . | 650 00 |
| Anna Belle Archibald, Clerk, 1 year, to Jan. 1, 1906 | 700 00 |
| | <hr/> |
| | \$2,650 00 |

By appropriation, \$2,650.

ASSESSORS' EXPENSES.

Paid :

| | |
|---|---------|
| Anna Belle Archibald, cash paid for express, postage stamps, travelling expenses . . . | \$14 14 |
| William S. Child, services as assistant assessor, | 224 75 |
| William S. Child, witness fees in case of A. D. Puffer v. City of Medford | 3 60 |
| M. Frank Eastman, serving subpoena in case of A. D. Puffer v. City of Medford . . . | 3 75 |
| Susan F. Chapin, clerical work | 179 00 |

| | |
|---|------------|
| Josie B. Folsom, clerical work | \$34 00 |
| Clara B. Orcutt, clerical work | 77 50 |
| J. C. Miller, Jr., printing | 303 85 |
| Medford Publishing Co., advertising . . . | 15 00 |
| Medford Leader, advertising | 10 00 |
| Charles D. Tucker, stationery | 8 56 |
| Adams, Cushing & Foster, stationery, valuation books | 124 25 |
| F. H. Radford, directory | 2 00 |
| Library Bureau, cards | 18 85 |
| P. B. Murphy, assessors' posters | 1 75 |
| Dunn & Co., binders | 4 00 |
| Newton Graphic Publishing Co., register . | 1 25 |
| The Globe-Wernicke Co., cabinets, cards . | 59 65 |
| Henry H. Applin, making transfers . . . | 8 52 |
| Underwood Typewriter Co., supplies, repairs . | 2 15 |
| Leslie E. A. Smith, carriage hire | 40 00 |
| George H. Archibald, carpentry | 10 97 |
| Medford Engineering Department, work on assessors' census | 45 00 |
| William E. Ober, electrical work | 4 27 |
| Medford Publishing Co., subscription to Med- ford Mercury, Nov. 13, 1903, to Jan. 1, 1905, | 2 20 |
| Welch's Express, expressing | 85 |
| | <hr/> |
| | \$1,199 86 |

By appropriation, \$1,200.

AUDITING DEPARTMENT.

SALARY OF CITY AUDITOR.

Paid:

George D. Cummings, 1 year, to Jan. 1, 1906 . \$1,200 00

By appropriation, \$1,200.

AUDITING DEPARTMENT EXPENSES.

Paid :

| | |
|---|----------|
| Eliza M. Gill, clerical work | \$123 91 |
| J. C. Miller, Jr., printing | 63 70 |
| J. Henry Norcross, postage stamps | 20 00 |
| Francis Doune & Co., stationery | 5 85 |
| Charles D. Tucker, twine, mucilage, pad, bands, | 2 50 |
| Adams, Cushing & Foster, punch, eyelets | 2 25 |
| F. H. Radford, one-half cost of directory | 1 00 |
| Middlesex County Clerk of Courts, certified copy, | 25 |
| George D. Cummings, cash paid for sharpening | |
| erasers, rubber stamps | 1 55 |
| | <hr/> |
| | \$221 01 |

By appropriation, \$250.

PRINTING REPORTS.

Paid :

| | |
|--|----------|
| George D. Cummings, services as supervisor | \$50 00 |
| J. C. Miller, Jr., printing 720 copies of city re- | |
| ports | 633 64 |
| Frederick Eccles & Co., binding and lettering | |
| city reports | 21 84 |
| J. Henry Norcross, postage stamps | 2 00 |
| Margaret I. Tobin, reading proof | 2 50 |
| Pinder's Express, expressing | 2 00 |
| Welch's Express, expressing | 50 |
| American Express Co., expressing | 4 81 |
| | <hr/> |
| | \$717 29 |
| Amount transferred to City Hall account | 60 00 |
| | <hr/> |
| | \$777 29 |

By appropriation, \$800.

CEMETERY DEPARTMENT.

SALARIES OF TRUSTEES OF CEMETERIES.

Paid:

| | |
|--|----------|
| Estate of John H. Hutchins, chairman, January 1 to October 23, 1905 | \$80 91 |
| Eben F. Roberts, Jan. 1 to Oct. 23, 1905 | 40 46 |
| Eben F. Roberts, chairman, October 23, 1905, to January 1, 1906 | 19 09 |
| Barker B. Howard, 1 year, to January 1, 1906, | 50 00 |
| Oscar H. Allen, Nov. 27, 1905, to Jan. 1, 1906, | 4 79 |
| | <hr/> |
| | \$195 25 |

By appropriation, \$200.

CARE OF CEMETERIES.

Paid:

| | |
|---|------------|
| Edward W. Mitchell, salary as superintendent, 1 year, to January 1, 1906 | \$1,200 00 |
| Allston P. Joyce, salary as clerk of trustees, 1 year, to January 1, 1906 | 125 00 |
| Workmen, as per pay-rolls | 5,177 39 |
| J. W. Howard, plants | 212 58 |
| George H. Bean, plants | 39 00 |
| Ellen M. Gill, plants | 45 03 |
| Charles R. Fish & Co., trees, shrubs | 62 80 |
| Evergreen Nursery Co., trees | 12 00 |
| George Richardson, water lilies | 10 00 |
| Thomas J. Grey & Co., seeds, bulbs, tools, lawn mowers | 99 78 |
| George S. Lovejoy & Co., tree tanglefoot | 4 69 |
| Joseph S. French, manure | 132 18 |
| Andrew H. Kennedy, manure, teaming, plowing, Playstead Road Extension, filling, loam | 101 96 |
| John Tutten, granite boundary posts | 75 00 |
| John Tutten, granite boundary posts | 20 00 |
| Murphy, Leavens & Co., hose | 46 25 |

EXPENDITURES.

149

| | |
|--|--------|
| Higgins, Snow & Co., jute | \$2 50 |
| H. & L. Chase, burlap | 23 10 |
| Jenney Manufacturing Co., gas oil | 21 16 |
| Charles W. Smith, creosote | 15 60 |
| Daniel N. Howard, arsenate of lead | 18 00 |
| George Nichols Co., disinfectants, slate vault, | 17 50 |
| Morgan & Bond, grave straps | 2 00 |
| The W. A. Snow Iron Works, bouquet holders, | 8 40 |
| C. W. H. Moulton & Co., ladders, irons | 33 10 |
| J. B. Fellows & Co., lawn sprinklers | 6 86 |
| Chadwick-Boston Lead Co., leathers, gaskets | 1 98 |
| Ames Plow Co., tools, handles, rope, hose, field roller | 110 16 |
| Joseph Breck & Sons, tools, lawn mowers | 16 05 |
| Solomon Fuller, wheel shoes | 5 00 |
| John A. Nottonson, canvas covers | 11 60 |
| Oliver Whyte & Co., screens | 2 50 |
| E. A. Carlisle & Pope Co., sash | 1 90 |
| Waldo Bros., pipe | 248 59 |
| Thomas F. Royle, vaults | 112 20 |
| A. A. Rhuland, poles | 6 00 |
| The Globe-Wernicke Co., cards | 2 65 |
| F. H. Radford, directory | 2 00 |
| R. J. Haight, subscription to "Park and Ceme- tery", March, 1905, to February, 1906 | 2 00 |
| J. C. Miller, Jr., printing | 71 00 |
| Charles D. Tucker, stationery, prints, mounting, | 5 32 |
| Warren H. Keay, glazing, painting | 78 95 |
| John H. Byron, whitewashing, etc. | 20 55 |
| George H. Archibald, lumber, milling | 13 45 |
| Fred D. H. Thomas, carpentry | 16 25 |
| Blanchard, Kendall & Co., lumber | 39 66 |
| Boston & Maine Railroad, steel rail | 5 10 |
| Medford Highway Department, stock and labor, | 40 73 |
| The North Electric Co., electrical supplies | 32 57 |
| Henry S. Harris & Son, stable supplies | 12 80 |

| | |
|---|-------------|
| Charles H. Hartshorn, stable supplies, repairs, | \$41 40 |
| William H. Hitchings, veterinary services | 6 00 |
| Estate of Harvey Wright, shoeing | 14 00 |
| Arthur C. Symmes, tip cart, shoeing, repairing picks, carriage repairs | 124 65 |
| J. N. Cowin & Co., oats, corn, straw, shorts | 164 32 |
| J. E. Ober & Son, oats | 21 00 |
| Page & Curtin, hardware, brushes, pipe, labor, | 36 96 |
| William Gibson, tools, oil, paint | 59 65 |
| Frank Hervey, forcite, fuse, caps | 15 35 |
| Medford Water Division, water | 102 12 |
| Edward W. Mitchell, cash paid for plants, fans, freight, arc lights, etc. | 21 19 |
| Thomas McGuine, police service | 2 50 |
| Alexander M. Higgins, police service | 2 50 |
| New England Brick Co., bricks | 18 00 |
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to February 1, 1906 | 31 03 |
| Smith's Express, expressing | 50 |
| Donoghue's Express, expressing | 75 |
| Pinder's Express, expressing | 5 35 |
| Chase's Express, expressing | 4 40 |
| Welch's Express, expressing | 3 35 |
| American Express Co., expressing | 9 83 |
| Boston & Maine Railroad, freight | 75 67 |
| | <hr/> |
| | \$9,131 41 |
| Amount transferred to Claims account | 900 00 |
| | <hr/> |
| | \$10,031 41 |
| By appropriation, \$3,800 00 | |
| By receipts, 6,253 15 | |
| | <hr/> |
| | \$10,053 15 |

CITY CLERK'S DEPARTMENT.

SALARY OF CITY CLERK.

Paid :

Allston P. Joyce, 1 year, to January 1, 1906 . \$1,500 00
 By appropriation, \$1,500.

CITY CLERK'S DEPARTMENT EXPENSES.

Paid :

| | |
|---|----------|
| Ella S. Hinckley, City Clerk's assistant, 1 year, to January 1, 1906 | \$700 00 |
| Helen T. Wild, clerical work | 109 25 |
| Marion I. Miller, clerical work | 3 00 |
| J. C. Miller, Jr., printing | 116 70 |
| Charles D. Tucker, stationery | 1 98 |
| Adams, Cushing & Foster, stationery | 12 20 |
| H. C. Derby, pad, ink | 75 |
| The Carter's Ink Co., ink | 8 80 |
| W. S. Greenough & Co., index cards | 7 75 |
| Morse Bros. Paper Box Co., document boxes | 6 00 |
| James J. Shannon & Co., typewriter supplies, repairs | 9 50 |
| F. H. Radford, directory | 2 00 |
| Henry M. Meek Publishing Co., directory | 2 50 |
| W. A. Greenough & Co., directories | 6 00 |
| Sampson & Murdock Co., directories | 6 00 |
| Municipal Journal Publishing Co., subscription, 1 year, to May, 1906 | 3 00 |
| New England Railway Publishing Co., subscrip- tion to A B C Pathfinder Railway Guide, 1 year, to August 1, 1906 | 3 00 |
| D. T. Remington, sergeant-at-arms, subscription to Legislative Bulletin, 1905 | 2 00 |
| Medford Publishing Co., subscription to The Medford Mercury, 1 year, to January 1, 1905, | 2 00 |

| | |
|--|------------|
| Little, Brown & Co., Crocker's notes on Revised Laws | \$6 50 |
| New England Telephone & Telegraph Co., rental and tolls, one year to February 1, 1906 | 22 90 |
| William E. Ober, electrical work | 2 99 |
| George H. Archibald, carpentry | 45 |
| Erving B. Conant, frame | 75 |
| Allston P. Joyce, cash paid for legal blanks, express, postage stamps, fare, office sundries | 52 38 |
| Welch's Express, expressing | 15 |
| Pinder's Express, expressing | 15 |
| American Express Co., expressing | 15 |
| | <hr/> |
| | \$1,088 85 |
| By appropriation, \$1,000 00 | |
| By transfer, 89 00 | |
| | <hr/> |
| | \$1,089 00 |

CANVASSING BIRTHS AND RETURN OF BIRTHS AND DEATHS.

Paid:

| | |
|--|--------|
| Medford Publishing Co., advertising | \$2 75 |
| Medford Leader, advertising | 2 25 |
| J. C. Miller, Jr., printing | 37 50 |
| Winslow Joyce, canvassing births, etc. | 106 50 |
| Helen T. Wild, clerical work | 26 95 |
| Edward J. Gaffey, reporting deaths, 1904 | 6 75 |
| George W. Nichols, reporting deaths, 1904 | 9 50 |
| Sidney O. Nichols, reporting deaths, 1904 | 27 25 |
| Estate of Daniel P. Donely, reporting deaths, 1904 | 3 25 |
| J. Henry Hartwell & Son, reporting deaths, 1904, | 1 25 |
| Edward E. Allen, M. D., reporting births, 1902, 1903, 1904, 1905 | 1 50 |
| Charles Malone, M. D., reporting births, 1903, 1904 | 50 |

EXPENDITURES.

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| | |
|---|--------|
| F. Russell Dame, M. D., reporting births, 1903, 1904 | \$5 75 |
| A. Ward Follett, M. D., reporting births, 1904, | 1 25 |
| George W. W. Whitney, M. D., reporting births, 1904 | 1 50 |
| Margaret M. Sanford, M. D., reporting births, 1904 | 25 |
| H. Ashton Downs, M. D., reporting births, 1904, | 25 |
| W. J. Hatchet, M. D., reporting births, 1904 . | 50 |
| William E. McPherson, M. D., reporting births, 1904 | 1 00 |
| G. A. Miles, M. D., reporting births, 1904 . | 25 |
| Charles F. Maguire, M. D., reporting births, 1904, | 2 75 |
| Albert C. Aldrich, M. D., reporting births, 1904, | 1 00 |
| George E. Osgood, M. D., reporting births, 1904, | 25 |
| Edwin P. Stickney, M. D., reporting births, 1904, | 25 |
| Henry C. Haché, M. D., reporting births, 1904, | 7 75 |
| Herbert W. Robinson, M. D., reporting births, 1904 | 2 00 |
| Norman F. Chandler, M. D., reporting births, 1904 | 5 75 |
| Walter T. Burke, M. D., reporting births, 1904, | 2 50 |
| Patrick F. Gahan, M. D., reporting births, 1904, | 16 50 |
| George W. Mills, M. D., reporting births, 1904, | 8 00 |
| James E. Cleaves, M. D., reporting births, 1904, | 6 50 |
| George Henry Packard, M. D., reporting births, 1904 | 2 00 |
| Frederick R. Ilsley, M. D., reporting births, 1904 | 4 25 |
| Lizbeth M. Howard, M. D., reporting births, 1904 | 25 |
| James S. Kennedy, M. D., reporting births, 1904, | 25 |
| Daniel W. Wight, M. D., reporting births, 1904, | 25 |
| Frank E. Mayberry, M. D., reporting births, 1904 | 50 |
| Irving E. Stowe, M. D., reporting births, 1904, | 50 |

| | |
|--|----------|
| J. Nelson St. Dennis, M. D., reporting births, 1904 | \$1 00 |
| Mary W. Clark, M. D., reporting births, 1904, | 1 25 |
| J. Walter Bean, M. D., reporting births, 1904, | 7 25 |
| Alfred J. Hawks, M. D., reporting births, 1904, | 75 |
| Charles R. Draper, M. D., reporting births, 1904, | 3 25 |
| Roy D. Young, M. D., reporting births, 1905, | 25 |
| | <hr/> |
| | \$311 70 |
| By appropriation, \$300 00 | |
| By transfer, 11 70 | |
| | <hr/> |
| | \$311 70 |

ELECTION EXPENSES:

| | |
|---|------------|
| Paid: | |
| Election officers, as per pay-rolls | \$1,357 00 |
| J. E. Ober & Son, use of hall | 63 50 |
| S. C. Lawrence Post 66, use of rooms | 60 00 |
| Frank H. Piper, use of room | 10 00 |
| Michael M. Mara, use of store | 22 00 |
| Daniel W. Daly, use of store | 5 00 |
| Thomas Qualey, cleaning ward room | 10 00 |
| William R. Ordway, cleaning ward room | 10 00 |
| Paul G. Bickford, cleaning ward room | 12 50 |
| B. Frank Samson, cleaning ward room | 10 00 |
| George H. Archibald, fitting up polling places, | 126 84 |
| Adams, Cushing & Foster, stationery | 2 15 |
| Cotton & Gould, pencils | 2 50 |
| Charles D. Tucker, pencils, blank books | 9 90 |
| Globe Stamp Works, rubber dies | 50 |
| J. C. Miller, Jr., printing | 727 30 |
| Medford Publishing Co., advertising | 97 50 |
| Medford Leader, advertising | 67 25 |
| Malden Electric Co., light | 82 |
| Frank Hervey, candles | 2 00 |

EXPENDITURES.

155

| | |
|--|--------|
| E. J. Hervey Co., candles | \$2 25 |
| Leslie E. A Smith, carriage hire | 4 50 |
| Frederick M. Viles, meals for party recounting votes | 7 70 |
| William Gibson, tacks, glue, duster | 3 85 |
| Helen T. Wild, clerical work | 39 30 |
| Marion I. Miller, preparing lists | 1 00 |
| Reuben C. Hawes, carriage hire | 2 00 |
| John J. Leary, carriage hire | 10 00 |
| Herbert P. Joyce, revising lists, posting noti- ces, etc. | 46 00 |
| Winslow Joyce, posting notices | 18 25 |
| Fred G. Joyce, repairing ballot boxes, recount, etc. | 33 50 |
| Allston P. Joyce, cash paid for meals, fares, card index case, sundries | 16 50 |
| Mortimer E. Wilber, service on recount | 3 00 |
| Arthur C. Symmes, brace, repairing braces | 4 60 |
| Smith's Express, expressing | 10 00 |

 \$2,799 21

By appropriation, \$2,800.

STATE AID.

Paid :

| | |
|--|------------|
| Sundry persons, as per pay-rolls | \$4,100 00 |
| J. C. Miller, Jr., printing | 3 25 |

 \$4,103 25

By appropriation, \$300 00

By receipts, 4,031 00

 \$4,331 00

COLLECTING DEPARTMENT.

SALARY OF CITY COLLECTOR.

Paid:

| | |
|---|------------|
| Edward W. Hayes, 1 year, to Jan. 1, 1906, | \$1,350 00 |
| By appropriation, \$1,350. | |

COLLECTING DEPARTMENT EXPENSES.

Paid:

| | |
|---|------------------|
| Agnes Goodale, salary as clerk, January 1 to October 22, 1906 | \$483 87 |
| Clara B. Orcutt, clerical work | 178 00 |
| Eliza M. Gill, clerical work | 39 00 |
| Susan F. Chapin, clerical work | 6 75 |
| Josie B. Folsom, clerical work | 9 00 |
| Clara T. Guild, clerical work | 22 50 |
| Ellen R. Hayes, clerical work | 38 63 |
| Lydia M. Allen, clerical work | 3 75 |
| Caroline Peirce, clerical work | 1 50 |
| Medford Publishing Co., advertising | 362 75 |
| J. C. Miller, Jr., printing | 84 15 |
| Amos B. Morss, printing | 65 50 |
| Charles D. Tucker, stationery | 1 20 |
| Adams, Cushing & Foster, stationery, binding books | 64 41 |
| Hobbs & Warren Co., blanks | 5 12 |
| A. R. Andrews, typewriting supplies | 9 90 |
| H. C. Derby, dater, stamps, repairs | 3 35 |
| F. H. Radford, directory | 2 00 |
| Edward W. Hayes, cash paid for postage stamps, stamped envelopes, recording deeds, P. O. box rent, fares, office sundries, etc. | 282 69 |
| Chase's Express, expressing | 15 |
| American Express Co., expressing | 15 |
| | <hr/> \$1,664 37 |

| | |
|------------------------------|------------|
| By appropriation, \$1,700 00 | |
| By receipts, 85 | |
| | \$1,700 85 |

ESTATES BOUGHT AT SALE FOR TAXES.

Paid:

Edward W. Hayes, City Collector, —

| | |
|--|--------|
| Taxes of 1903 on about 224 feet of land northerly side Sharon Street, assessed to Thomas Leland | \$6 87 |
| Taxes of 1903 on about 5,500 feet of land off Highland Street, assessed to Selwyne Lynde | 6 82 |
| Taxes of 1903 on about 4,150 feet of land, lot 37, Rand Street, assessed to heirs of A. V. Lynde | 6 82 |
| Taxes of 1903 on buildings and 5,696 feet of land, Fulton Street, assessed to Annie M. Sweetman (this property deeded to the City June 7, 1902, for taxes of 1900), assessed to heirs of Sarah Bickers | 7 92 |
| Taxes of 1903 on lots 6, 7, 8, lot 1, Crie plan; Winslow Avenue; lots 2, 3, 14 Arlington Street; lots 39, 40 Rand Street, Greeley plan; lots 33, 34, 35, 36 Rand Street, Fifield plan; unredeemed property sold to the City June 2, 1902. City took possession June 26 | 9 90 |
| Taxes and watering assessment of 1903 (also interest and costs) on Section 10, Spring Street, about 555,680 square feet of land assessed to William Dwyer, deeded to the City November 9, 1905 | 524 64 |
| Taxes and watering assessment of 1903 (also interest and costs) on land and buildings | |

| | |
|--|-------------------|
| at 90 Salem Street and 65 Summer Street, deeded to the City November 13, 1905 | \$207 42 |
| Taxes of 1903 (also interest and costs) on lots 2, 3, 5, Governors Avenue, and lot 3 off Governors Avenue assessed to William Dwyer and deeded to the City November 13, 1905 | 242 13 |
| | <u>\$1,012 52</u> |
| By appropriation, \$200 00 | |
| By receipts, 204 74 | |
| | <u>\$404 74</u> |

ELECTRICAL DEPARTMENT.

SALARY OF INSPECTOR OF WIRES.

| | |
|--|-----------------|
| Paid : | |
| Estate of Frederick A. Folsom, 1 month | \$16 66 |
| George E. Duncklee, 11 months, Feb. 1 to Jan. 1, 1906 | 183 34 |
| | <u>\$200 00</u> |
| By appropriation, \$200. | |

ELECTRICAL DEPARTMENT EXPENSES.

| | |
|--|--------|
| Paid : | |
| Mortimer E. Wilber, printing | \$2 00 |
| By appropriation, \$25. | |

ENGINEERING DEPARTMENT.

ENGINEERING DEPARTMENT EXPENSES.

| | |
|---|------------|
| Paid : | |
| Engineer's assistants, as per pay-rolls | \$1,647 45 |

EXPENDITURES.

159

| | |
|--|------------|
| William Gavin Taylor, incidental expenses of self and assistants | \$13 25 |
| Edward P. Byrne, incidental expense of self and assistants | 41 35 |
| A. R. Andrews, typewriting supplies | 90 |
| Remington Typewriter Co., typewriting supplies, | 50 |
| F. S. Webster Co., typewriting supplies | 3 50 |
| Library Bureau, case, card system supplies | 56 01 |
| B. L. Makepeace, tracing cloth | 10 20 |
| Spaulding Print Paper Co., paper | 7 80 |
| G. G. Ledder, cloth repairing transits | 26 30 |
| F. H. Radford, directory | 2 00 |
| Thorp & Martin Co., stationery, office supplies, | 1 60 |
| Charles D. Tucker, stationery | 44 34 |
| W. H. Magoon, cloth | 1 50 |
| J. C. Miller, Jr., printing | 12 80 |
| Medford Publishing Co., subscription to the Medford Mercury, Jan. 11, 1904, to Jan. 1, 1905, | 2 00 |
| John A. Morgan, chamois skin | 65 |
| Frank Hervey, kerosene | 13 |
| Leslie E. A. Smith, carriage hire | 2 00 |
| Blanchard, Kendall & Co., posts | 10 00 |
| George H. Archibald, lumber, milling | 17 12 |
| William A. Baker, cleaning and repairing wheels, | 13 50 |
| Medford Sewer Division, sewer construction account, document filing case | 14 00 |
| Boston & Maine Railroad, freight | 2 46 |
| | <hr/> |
| | \$1,931 36 |
| By appropriation, \$1,800 00 | |
| By receipts, | 225 37 |
| | <hr/> |
| | \$2,025 37 |

FIRE DEPARTMENT.

SALARIES OF ENGINEERS AND FIREMEN.

Paid:

| | |
|---|-------------|
| Chief engineer and permanent men, as per pay-rolls | \$9,639 15 |
| Hook & Ladder Co., 1 year, to Jan. 1, 1906 | 1,098 00 |
| Hose Co. No. 1, 1 year, to Jan. 1, 1906 | 853 39 |
| Hose Co. No. 4, 1 year, to Jan. 1, 1906 | 649 26 |
| Combination A. Co., 1 year, to Jan. 1, 1906 | 500 00 |
| Combination B. Co., 1 year, to Jan. 1, 1906 | 498 00 |
| Combination C. Co., 1 year, to Jan. 1, 1906 | 600 00 |
| Jude C. Clark, first assistant engineer, 1 year, to Jan. 1, 1906 | 152 00 |
| Frank O. Waterman, second assistant engineer, 1 year, to Jan. 1, 1906 | 152 00 |
| Peter F. Lenox, stoker, 1 year, to Jan. 1, 1906, | 100 00 |
| | <hr/> |
| | \$14,241 80 |

By appropriation, \$15,326.

DECORATION OF FIREMEN'S GRAVES.

Paid:

| | |
|--|---------|
| Samuel G. Jepson, treasurer, amount appropriated | \$50 00 |
|--|---------|

By appropriation, \$50.

HOSE 4 HOUSE.

Paid:

| | |
|--|------------|
| Wales & Holt, architectural services | \$62 50 |
| Lewis H. Lovering, rebuilding | 2,434 50 |
| | <hr/> |
| | \$2,497 00 |

By transfer, \$2,500.

NEW HOSE.

| | |
|--|----------|
| Paid : | |
| The Cornelius Callahan Co., hose | \$536 00 |
| By appropriation, \$300 00 | |
| By receipts, 236 00 | |
| | <hr/> |
| | \$536 00 |

ORDINARY EXPENSES OF FIRE DEPARTMENT.

| | |
|--|---------|
| Paid : | |
| Estate of Harvey Wright, shoeing | \$40 75 |
| Frank H. Riley, shoeing | 70 77 |
| Samuel Dinsmore, shoeing | 83 50 |
| Timothy J. McGrath, shoeing | 56 75 |
| Arthur C. Symmes, shoeing, carriage repairs | 180 94 |
| Robert E. Lundy, clipping horses | 27 50 |
| Lawrence L. Peirce, clipping horse | 3 00 |
| Harrie W. Peirce, veterinary services | 42 00 |
| Henry S. Harris, pair of horses | 425 00 |
| Henry S. Harris, salt, brick | 7 00 |
| Ame & Co., standard food | 10 75 |
| Eclipse Animal Food Co., eclipse food | 5 00 |
| J. Walter Sanborn & Co., hay | 99 93 |
| A. Fitch & Co., hay, oats, straw | 34 22 |
| The Highland Coal Co., hay, oats | 272 03 |
| J. N. Cowin & Co., hay, oats, straw, wood, shorts, | 385 72 |
| J. E. Ober & Son, hay, oats, shorts | 222 40 |
| E. Teel & Co., carriage repairs, repairing and painting ladders | 285 50 |
| Welch, Dwyer & Grady, carriage repairs, paint- ing | 81 75 |
| Charles E. Berry, repairing harnesses, etc. | 3 10 |
| H. C. Boardman, harness riveter, rivets | 1 50 |
| Charles H. Hartshorn, harness supplies, repairs, | 298 20 |
| Daniel N. Howard, medicine, sundries | 23 90 |

| | |
|---|--------|
| Charles W. Smith, medicine, sundries . . . | \$2 75 |
| George R. Whiteher, medicine, sundries . . . | 2 10 |
| W. H. Frazier, sulpho-naphthol | 1 00 |
| Sulpho-Naphthol Co., disinfectant | 6 25 |
| Winchester Tar Disinsectant Co., disinfectant, | 1 00 |
| William H. Casey, use of team | 5 00 |
| William H. Lenox, use of team and man . . . | 15 50 |
| Locke Coal Co., coal | 857 26 |
| Malden Electric Co., light | 7 65 |
| Malden & Melrose Gas Light Co., gas . . . | 157 88 |
| William E. Ober, electrical supplies . . . | 40 08 |
| I. Marks, incandescence supplies | 1 00 |
| Warren & Torrens, oil | 34 84 |
| Michael M. Mara, plumbing repairs | 27 79 |
| Otto Neilson & Co., plumbing repairs, hose . . | 33 44 |
| Page & Curtin, plumbing repairs, pipe, etc. . | 102 07 |
| William S. Richards, plumbing repairs, pipe . | 64 45 |
| William Gibson, hardware, oil, ash barrels . | 21 02 |
| Nathaniel P. Ames, paint | 2 00 |
| Warren H. Keay, painting, glazing, gilding ball on flag-pole | 60 95 |
| Leahy & Lindsey, glazing | 15 20 |
| Thomas O'Brien, plastering, kalsomining . . | 8 00 |
| Wellman Sole Cutting Machine Co., stock and labor | 10 30 |
| Blanchard, Kendall & Co., lumber | 8 20 |
| Frank B. Blodgett, carpentry | 139 97 |
| John J. Crockwell, carpentry | 29 73 |
| George H. Archibald, carpentry | 2 80 |
| Medford Water Division, water | 137 89 |
| Medford Highway Department, hay, teaming, use of horse | 409 44 |
| Medford Publishing Co., printing, binding . . | 20 00 |
| Daniel J. White, services on steamer | 3 00 |
| Robert Harding, labor | 2 25 |
| William R. Ordway, insignia | 3 00 |

EXPENDITURES.

163

| | |
|--|--------|
| Charles E. Bacon, cash paid for fares, sundries, | \$6 65 |
| Yerxa & Yerxa, flaxseed meal, chloride of lime, | 1 60 |
| Medford Ice Co., ice | 6 80 |
| Benjamin F. Samson, polish, soap | 6 90 |
| Lewis H. Lovering, carpentry, painting Hose 4 House | 113 96 |
| Jeremiah T. Carter, flags | 2 70 |
| W. H. Magoon, shades, pulls, screens, doors . | 43 60 |
| E. Dana Haskell, laundry work | 15 00 |
| Charles D. Tucker, regulating clocks, repairing badges | 3 70 |
| Dennis F. Creeden, mattresses, remaking mat- tresses | 26 50 |
| John Antrobus, bronzing, varnishing, staining, | 37 50 |
| Thomas D. Collins, salt, mop handles, oil . | 5 10 |
| Frank H. Peak, stationery | 1 58 |
| Herbert E. Bradish, splicing ropes | 2 25 |
| George H. Gillard, cash paid for fares | 1 18 |
| The Cornelius Callahan Co., hose, nozzles, globes, wicks, brushes, tubing, etc. | 177 39 |
| W. E. Decrow, repairing bell striker and mag- nets | 13 06 |
| A. D. Wheeler, repairing bell striker | 2 70 |
| H. G. Fairfield & Co., insurance on Hose 4 House for 5 years | 78 78 |
| M. Norton & Co., rope | 16 50 |
| E. Caldwell, furniture, rugs, mats | 55 90 |
| F. H. Radford, directory | 2 00 |
| Charles F. Young & Co., decorating Combina- tion C house | 15 00 |
| The Mitchell Manufacturing Co., hat badges . | 3 50 |
| Improved Plastic-Slate Roofing Co., stock and labor | 125 00 |
| R. W. LeBarron, repairing repeater and indi- cator | 5 00 |
| Heaney Manufacturing Co., metal polish | 1 00 |

| | |
|--|------------|
| Merrimac Chemical Co., vitriol | \$10 11 |
| Kathairo Chemical Co., crude fluid | 1 25 |
| Margaret Dale, floor mops | 11 00 |
| Standard Chemical Co., soaposo | 19 20 |
| Chase's Express, expressing | 18 48 |
| American Express Co., expressing | 15 |
| Boston & Maine Railroad, freight | 85 42 |
| | <hr/> |
| | \$5,811 48 |
| By appropriation, \$5,500 00 | |
| By receipts, 325 62 | |
| | <hr/> |
| | \$5,825 62 |

TELEPHONES.

Paid:

| | |
|---|----------|
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to Feb. 1, 1906 | \$254 41 |
| By appropriation, \$270. | |

HEALTH DEPARTMENT.

SALARIES OF BOARD OF HEALTH.

Paid:

| | |
|---|----------|
| George W. Mills, M. D., 1 year, to Jan. 1, 1906, | \$50 00 |
| J. Walter Bean, M. D., 1 year, to Jan. 1, 1906, | 50 00 |
| Frederick R. Ilsley, M. D., 1 year, to January 1, 1906 | 50 00 |
| William P. Clark, 1 year, to Jan. 1, 1906 | 50 00 |
| | <hr/> |
| | \$200 00 |
| By appropriation, \$200. | |

SALARY OF INSPECTOR OF PLUMBING.

Paid:

| | |
|--|------------|
| Charles A. Phillips, 1 year, to January 1, 1906, | \$1,000 00 |
| By appropriation, \$1,000. | |

DETENTION HOSPITAL.

| | |
|--|----------|
| Paid : | |
| Locke Coal Co., coal | \$6 88 |
| John W. Enright, druggists' sundries | 15 07 |
| William F. Leahy, overalls, gloves | 1 75 |
| Michael M. Mara, furnace and plumbing repairs, | 79 55 |
| Nason B. Cunningham, carpentry repairs | 424 50 |
| | <hr/> |
| | \$527 75 |
| By balance, \$580.89. | |

HEALTH DEPARTMENT EXPENSES.

| | |
|--|----------|
| Paid : | |
| Charles A. Phillips, salary as Inspector of Health, 1 year, to January 1, 1906 | \$150 00 |
| Alvin R. Reed, salary as Clerk of Board of Health, 1 year, to January 1, 1906 | 400 00 |
| Alvin R. Reed, fumigating | 100 00 |
| Medford Water Division, care of team | 182 00 |
| Charles H. Hartshorn, harness repairs, supplies, | 18 65 |
| Arthur C. Symmes, carriage repairs | 47 25 |
| Luke Coyne, shoeing | 21 00 |
| Charles E. Hall, clipping horse | 3 00 |
| Leslie E. A. Smith, carriage hire | 1 00 |
| Paul G. Bickford, burying animals | 7 00 |
| Alfred J. Hawks, M. D., inspecting schools | 10 00 |
| Higley's Pharmacy, cultures, medicines | 12 00 |
| John W. Enright, cultures, disinfectants | 172 35 |
| Daniel N. Howard, cultures, medicines | 31 35 |
| John A. Morgan, medicines | 6 95 |
| Page & Curtin, plumbing repairs, mops | 4 33 |
| J. C. Miller, Jr., printing | 40 40 |
| Medford Publishing Co., advertising | 31 00 |
| Charles D. Tucker, stationery | 5 13 |
| City of Cambridge, care of diphtheria patient | 87 85 |

| | |
|---|------------|
| City of Boston, board and attendance of 6 at City Hospital | \$368 00 |
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to February 1, 1906 | 38 99 |
| | <hr/> |
| | \$1,738 25 |
| By appropriation, \$1,150 00 | |
| By transfer, 557 70 | |
| By receipts, 37 00 | |
| | <hr/> |
| | \$1,744 70 |

HIGHWAY DEPARTMENT.

SALARY OF STREET COMMISSIONER.

| | |
|---|------------|
| Paid : | |
| William H. Casey, Jan. 1 to Jan. 25, 1905 | \$103 22 |
| Amount transferred to other accounts | 1,460 76 |
| | <hr/> |
| | \$1,563 98 |
| By appropriation, \$1,600. | |

ASHES (COLLECTION OF).

| | |
|--|------------|
| Paid : | |
| Workmen, as per pay-rolls | \$3,973 82 |
| Luke Coyne, shoeing | 7 15 |
| Patrick H. Kirwan, shoeing | 5 75 |
| Charles A. Lucia, harness supplies, repairs | 2 00 |
| Page & Curtin, hardware, basket | 1 00 |
| Chase, Parker & Co., hardware | 8 31 |
| E. Teel & Co., carriage repairs | 16 70 |
| Red Star Printing Co., printing | 5 00 |
| Medford Highway Department, General Repairs Account, horse-shoeing materials, use of teams | 497 46 |
| | <hr/> |
| | \$4,517 19 |

EXPENDITURES.

167

| | |
|------------------------------|------------|
| By appropriation, \$4,500 00 | |
| By receipts, 18 00 | |
| | \$4,518 00 |

BASINS AND DRAIN AT TAINTER STREET.

| | |
|---|----------|
| Paid : | |
| Workmen, as per pay-rolls | \$158 41 |
| Osgood & Witherly, frames, grates, rings, covers | 89 00 |
| Boston & Maine Railroad, freight | 57 33 |
| | \$304 74 |
| By transfer, \$300 00 | |
| By receipts, 4 74 | |
| | \$304 74 |

BOW STREET.

| | |
|---|----------|
| Paid : | |
| Workmen, as per pay-rolls | \$465 06 |
| Medford Engineering Department, incidentals . | 15 |
| | \$465 21 |
| By transfer, \$500. | |

BRIDGES.

| | |
|---|----------|
| Paid : | |
| Workmen, as per pay-rolls | \$93 00 |
| Blanchard, Kendall & Co., lumber | 10 10 |
| Thatcher E. Littlefield, lumber | 20 06 |
| Warren H. Keay, gilding, painting | 10 00 |
| Page & Curtin, nails, spikes | 1 40 |
| | \$134 56 |
| By appropriation, \$200. | |

CARE OF TREES.

Paid:

| | |
|---|----------|
| Workmen, as per pay-rolls | \$191 65 |
| Robert Harvey, filing saws | 1 50 |
| Herbert E. Bradish, sharpening saws | 60 |
| G. E. Stone, expenses and services examining trees killed by gas | 21 80 |
| Medford Highway Department, General Repairs Account, teaming | 14 25 |
| | <hr/> |
| | \$229 80 |

By appropriation, \$300.

CITY STABLE.

Paid:

| | |
|--|------------|
| Workmen, as per pay-rolls | \$653 13 |
| Thomas P. McCarty, heating as per contract | 275 00 |
| William Gibson, plumbing, hot water system, as per contract | 600 00 |
| William Gibson, extra work on plumbing | 70 00 |
| George H. Archibald, carpentry as per contract, | 5,225 35 |
| Charles B. Dunham, final payment for services as architect | 162 66 |
| Medford Water Division, stock and labor | 49 11 |
| Medford Sewer Division, laying sewer | 94 43 |
| Medford Water and Sewer Dept., fence rail | 7 00 |
| Page & Curtin, hardware, pipe | 28 87 |
| J. N. Cowin & Co., coal | 20 25 |
| Malden & Melrose Gas Light Co., coke | 2 00 |
| Thatcher E. Littlefield, lumber | 54 53 |
| Richardson & Brackett, paint, oil, brushes | 170 73 |
| H. H. Osgood & Co., screens, screen doors | 120 00 |
| E. A. Carlisle & Pope Co., sash | 75 |
| Boston Engineers' Supply Co., tarred paper | 6 00 |
| New England Telephone & Telegraph Co., tolls, | 7 90 |
| Welch's Express, expressing | 25 |
| | <hr/> |
| | \$7,547 96 |

EXPENDITURES.

169

| |
|------------------------|
| By balance, \$6,613 28 |
| By transfer, 1,200 00 |
| \$7,813 28 |

COLLECTION OF HOUSE OFFAL.

| | |
|---|------------|
| Paid : | |
| Workmen, as per pay-rolls | \$4,729 49 |
| Luke Coyne, shoeing | 1 25 |
| Frank H. Riley, shoeing | 3 50 |
| Patrick H. Kirwan, shoeing, repairing tools | 3 25 |
| E. Teel & Co., carriage repairs | 1 50 |
| Charles H. Hartshorn, harness supplies | 44 35 |
| Harrie W. Peirce, veterinary services | 39 00 |
| William A. Baker, repairing wheel | 4 80 |
| William S. Richards, garbage pails | 9 00 |
| Medford Highway Department, General Repairs | |
| Account, horse shoeing materials, use of teams, | 492 07 |
| A. M. Wood Co., lumber | 6 76 |
| Chase, Parker & Co., hardware, | 2 16 |
| Pittsburgh Plate Glass Co., paint, varnish, oil, | 78 67 |
| Murphy, Leavens & Co., brushes | 2 67 |
| C. W. Lerner & Co., disinfectants | 16 32 |
| | \$5,434 79 |
| By appropriation, \$4,500 00 | |
| By receipts, 1,416 67 | |
| | \$5,916 67 |

GENERAL REPAIRS OF HIGHWAYS.

| | |
|--|-------------|
| Paid : | |
| Workmen, as per pay-rolls | \$19,456 64 |
| J. N. Cowin & Co., oats, hay, corn, straw, coal, | 1,183 72 |
| J. H. Harriman & Son, oats, corn | 49 25 |
| J. E. Ober & Son, oats, hay, corn coal | 632 91 |
| James Brogan, hay | 983 08 |

| | |
|---|---------|
| Archer G. Crosby, hay | \$26 48 |
| C. F. & G. W. Eddy, hay | 490 91 |
| Chander Grain & Milling Co., oats | 395 00 |
| The Highland Coal Co., oats, corn | 243 04 |
| J. Cushing & Co., oats, hay, corn, straw | 246 46 |
| L. W. Stone, seed, meal, salt, oil | 52 70 |
| Medford Coal Co., coal | 67 50 |
| Locke Coal Co., coal | 575 22 |
| Timothy J. McGrath, shoeing | 75 |
| Luke Coyne, shoeing | 54 87 |
| Estate of Harvey Wright, shoeing | 9 00 |
| Frank H. Riley, shoeing | 7 65 |
| Patrick H. Kirwan, shoeing, sharpening picks | 8 92 |
| Arthur C. Symmes, shoeing, repairing drills | 7 17 |
| Malden Veterinary Hospital, veterinary services, | 3 50 |
| William H. Hitchings, veterinary services | 7 00 |
| Harrie W. Peirce, veterinary services | 14 00 |
| E. Teel & Co., carriage repairs | 78 63 |
| Welch, Dwyer & Grady, carriage repairs | 115 26 |
| J. L. & H. K. Potter, street cleaning carts, wagon | 295 00 |
| Smith & Goold, lotion | 6 00 |
| John A. Morgan, medicines, sundries | 6 45 |
| John W. Enright, medicines, sundries | 71 00 |
| Daniel N. Howard, medicines, sundries | 9 15 |
| Patrick F. Gahan, M. D., professional services, | 2 00 |
| Robert E. Lundy, clipping horses | 5 00 |
| William H. James, commission in exchange of horses | 25 00 |
| Edgar Snow, difference in exchange of horses | 175 00 |
| Henry S. Harris & Son, stable supplies | 6 80 |
| H. C. Boardman, harness riveter, rivets | 1 50 |
| Hill & Hill, stable supplies, canvas covers | 476 75 |
| Charles A. Lucia, stable supplies, repairs | 26 75 |
| Charles H. Hartshorn, stable supplies, repairs, | 125 95 |
| Medford Ice Co., use of caravan | 21 00 |

EXPENDITURES.

171

| | |
|--|----------|
| Medford Water Division, boarding horse, water, | \$167 53 |
| Medford Sewer Division, buggy, pipe, cement frames, covers | 972 55 |
| J. E. Ober & Son, tools | 3 90 |
| Thatcher E. Littlefield, lumber | 8 00 |
| E. A. Gillett & Sons, lumber | 6 35 |
| Warren H. Keay, glazing, turpentine | 3 22 |
| Frank Hervey, fuse, foreite, kerosene | 184 99 |
| E. J. Hervey Co., fuse, forcite, caps | 74 75 |
| Robert Harvey, filing saw | 25 |
| Gardner Bros., rake | 40 |
| Page & Curtin, plumbing repairs, hardware, paint | 77 57 |
| T. P. McCarty, plumbing repairs | 7 85 |
| William Gibson, hardware, rope, paint | 2 00 |
| Michael M. Mara, making smoke-stack | 8 90 |
| Medford Basins and Drain at Tainter Street Ac- count, sand | 4 74 |
| Medford Ashes Account, overcharge on horse- shoeing materials | 17 00 |
| Medford Engineering Department, incidentals, | 1 40 |
| Medford Water Division, interest on cost of lay- ing main pipe at 6 per cent on \$400.32, 1 year, to January 1, 1906 | 24 02 |
| Medford Sealer of Weights and Measures, scaling, | 1 15 |
| Malden & Melrose Gas Light Co., gas | 5 00 |
| Malden Electric Co., light | 105 97 |
| William E. Ober, electrical work | 7 37 |
| Warren & Torrens, fly paper | 75 |
| Arthur T. Loomis, rubber boots, patching | 16 55 |
| Charles H. Hunter & Co., oil | 78 44 |
| B. F. Samson & Co., metal polish | 3 75 |
| Jeremiah T. Carter, metal polish, flags, brooms, | 19 14 |
| Wellman Sole Cutting Machine Co., sharpening mower, repairing steam roller | 76 98 |
| Hughes Anti-Friction Co., axle grease | 6 00 |

| | |
|--|----------|
| Good Roads Machinery Co., machine parts | \$8 50 |
| Osgood & Witherly, castings | 153 00 |
| Joseph Breck & Sons, bolt, plow point | 65 |
| Perrin, Seamans & Co., machine parts, supplies, | 13 34 |
| Chase, Parker & Co., hardware | 111 47 |
| Boston Steel & Iron Co., steel | 83 |
| Denison, Estabrook & Co., re-filling street broom | 24 00 |
| Boston Engineers' Supply Co., hose, packing, tools, oil, belting, pipe, valves | 1,102 58 |
| Murphy, Leavens & Co., brooms | 4 50 |
| Richardson & Brackett, varnish, paint | 139 55 |
| George H. Sampson, packing, drill | 130 47 |
| W. A. Wood & Co., waste, engine oil | 29 90 |
| Daniel Russell Boiler Works, stock and labor on boiler | 129 43 |
| S. C. Baxter, inspecting boilers | 10 00 |
| Robb-Mumford Boiler Co., retubing boiler on crusher, etc. | 181 15 |
| Harold L. Bond Co., bamboo brooms | 5 00 |
| Peter F. Tague Co., heavy hardware | 96 20 |
| Waldo Bros., pipe, cement | 119 20 |
| Edward M. Peters, employees liability insurance, | 554 08 |
| Fellows & Co., shovels, linoleum | 14 50 |
| New England Brick Co., bricks | 22 50 |
| George L. Downing & Co., bricks | 63 26 |
| Pittsburgh Plate Glass Co., paint | 13 50 |
| F. H. Radford, directory | 2 00 |
| Adams, Cushing & Foster, stationery | 11 40 |
| Frank H. Peak, stationery | 2 22 |
| Charles D. Tucker, stationery | 2 20 |
| Frank E. Woods, pens, holders | 2 50 |
| J. C. Miller, Jr., printing | 20 60 |
| Red Star Printing Co., printing | 53 25 |
| New England Telephone & Telegraph Co., rental and tolls, one year, to February 1, 1906 | 94 44 |

EXPENDITURES.

173

| | |
|--|----------|
| Donoghue's Express, expressing | \$11 10. |
| Welch's Express, expressing | 30 |
| Chase's Express, expressing | 1 85 |
| Pinder's Express, expressing | 5 25 |
| American Express Co., expressing | 15 |
| Boston & Maine Railroad, freight | 191 35 |

 \$31,175 75

By balance, \$813 05

By appropriation, 8,000 00

By receipts, 23,254 30

 \$32,067 35

GOVERNORS AVENUE DRAIN.

Paid :

| | |
|--|--------|
| Workmen, as per pay-roll | \$0 30 |
| Waldo Bros., pipe | 240 36 |
| Boston & Maine Railroad, freight | 76 05 |

 \$316 71

By appropriation, \$1,700.

GUIDE BOARDS AND STREET SIGNS.

Paid :

| | |
|--|---------|
| Workmen, as per pay-rolls | \$10 00 |
| Page & Curtin, hardware | 1 55 |
| Fellows & Co., sign posts | 112 50 |
| Arthur C. Symmes, painting signs | 3 00 |
| Warren H. Keay, painting signs | 6 13 |
| Welsh, Dwyer & Grady, painting signs | 22 00 |

 \$155 18

By appropriation, \$250.

HIGH STREET.

| | |
|--|------------|
| Paid: | |
| Workmen, as per pay-rolls | \$151 05 |
| Warren Bros., in full on account of contract | 7,774 65 |
| Medford Highway Department, General Repairs | |
| Account, stock and labor | 63 70 |
| | <hr/> |
| | \$7,989 40 |
| By balance, \$5,846 16 | |
| By appropriation, 2,143 24 | |
| | <hr/> |
| | \$7,989 40 |

HIGH STREET WIDENING.

| | |
|---|------------|
| Paid: | |
| Anna M. Sise, land, corner of Hasting's Lane and High Street | \$2,300 00 |
| By appropriation, \$2,300. | |

PAVING GUTTERS.

| | |
|-------------------------------------|----------|
| Paid: | |
| Workmen, as per pay-rolls | \$320 29 |
| By appropriation, \$500. | |

SETTING OUT TREES.

| | |
|--|----------|
| Paid: | |
| Workmen, as per pay-rolls | \$45 75 |
| Page & Curtin, tools | 7 35 |
| John M. Leahy, trees, freight, packing | 103.42 |
| Medford Highway Department, General Repairs | |
| Account, teaming | 4 50 |
| | <hr/> |
| | \$161 02 |
| By appropriation, \$250. | |

SIDEWALKS AND EDGESTONES.

| | |
|--|------------|
| Paid : | |
| Workmen, as per pay-rolls | \$660 81 |
| John S. Maxwell & Co., bricks | 43 20 |
| Parry Brick Co., bricks | 312 40 |
| New England Brick Co., bricks | 16 50 |
| S. & R. J. Lombard, edgestones | 308 06 |
| Austin Ford & Son, edgestones, circles | 385 61 |
| Louis G. Bragdon, granolithic sidewalk, repairing concrete | 263 43 |
| Hadley F. Higgins, one-half cost of sidewalk | 9 20 |
| William H. Lenox, ashes | 8 00 |
| Thatcher E. Littlefield, lumber | 41 48 |
| Medford Engineering Department, incidentals | 3 25 |
| J. C. Miller, Jr., printing | 35 |
| | <hr/> |
| | \$2,052 29 |
| By balance, \$2,246 60 | |
| By appropriation, 3,000 00 | |
| By apportionments, 78 96 | |
| By receipts, 22 78 | |
| | <hr/> |
| | \$5,348 34 |

SNOW (REMOVAL OF).

| | |
|--|------------|
| Paid : | |
| Workmen, as per pay-rolls | \$2,798 16 |
| Fellows & Co., snow shovels | 75 00 |
| G. Fred Doorly, tubs | 4 68 |
| Page & Curtin, rivets | 10 |
| Blanchard, Kendall & Co., lumber | 2 11 |
| Eastern Salt Co., salt | 32 00 |
| | <hr/> |
| | \$2,912 05 |

| | |
|------------------------------|------------|
| By appropriation, \$2,000 00 | |
| By receipts, 1,774 02 | |
| | \$3,774 02 |

STREET NUMBERING.

| | |
|-------------------------------------|---------|
| Paid : | |
| Workmen, as per pay-rolls | \$32 46 |
| By appropriation, \$50. | |

WATERING STREETS.

| | |
|--|----------|
| Paid : | |
| Workmen, as per pay-rolls | \$724 61 |
| E. Teel & Co., carriage repairs | 9 85 |
| J. L. & H. K. Potter, repairing carts, painting and lettering | 837 45 |
| Richardson & Brackett, brushes, paint, oil, varnish, | 185 89 |
| Wellman Sole Cutting Machine Co., labor | 60 |
| Medford Water Division, stock and labor | 145 13 |
| Medford Highway Department, General Repairs | |
| Account, use of teams | 42 00 |
| Blanchard, Kendall & Co., lumber | 3 93 |
| William Gibson, oilers, brush | 1 15 |
| Page & Curtin, oilers | 60 |
| Andrew H. Kennedy, watering | 452 25 |
| J. M. Clark & Co., watering | 465 78 |
| Garrett Connors, watering | 404 50 |
| Charles A. Hardy, watering | 400 00 |
| John J. Mulkerin, watering | 442 00 |
| William H. Lenox, watering | 400 00 |
| Jerry Nestor, watering | 400 00 |
| James W. Brogan, watering | 400 00 |
| Charles Booth, watering | 426 00 |
| James F. Dwyer, watering | 400 00 |

EXPENDITURES.

177

| | |
|--------------------------------------|------------|
| J. Eugene Dussault, watering | \$400 00 |
| Patrick Reynolds, watering | 400 00 |
| | <hr/> |
| | \$6,941 74 |
| By balance, \$708 83 | |
| By appropriation, 500 00 | |
| By receipts, 75 00 | |
| By assessment, 6,748 09 | |
| | <hr/> |
| | \$8,031 92 |

WOBURN STREET DISTRICT DRAIN.

Paid:

| | |
|---|------------|
| Workmen, as per pay-rolls | \$2,196 95 |
| New England Brick Co., bricks | 37 50 |
| George L. Downing & Co., bricks | 40 50 |
| S. & R. J. Lombard, edgestone | 47 88 |
| Waldo Bros., pipe, cement | 1,006 02 |
| J. E. Ober & Son, rakes, cement | 3 20 |
| Osgood & Witherly, frames, grates, rings, covers | 158 50 |
| Charles H. Hunter & Co., oil | 5 00 |
| Page & Curtin, hardware, cord, cement . . . | 10 05 |
| Medford Highway Department, General Repairs | |
| Account, stock and labor | 84 83 |
| Medford Water Division, stock and labor . . | 3 14 |
| Boston & Maine Railroad, freight | 256 43 |
| | <hr/> |
| | \$3,850 00 |
| By balance, \$3,650 00 | |
| By transfer, 200 00 | |
| | <hr/> |
| | \$3,850 00 |

INSPECTION DEPARTMENT.

SALARY OF INSPECTOR OF BUILDINGS.

Paid:

Calvin H. Clark, 1 year, to January 1, 1906 . \$700 00

By appropriation, \$700.

EXPENSES OF INSPECTION DEPARTMENT.

Paid:

| | |
|--|----------|
| Medford Water Division, care of team . . . | \$182 00 |
| E. Teel & Co., carriage repairs | 14 10 |
| Luke Coyne, shoeing | 17 25 |
| Charles H. Hartshorn, carriage supplies . . . | 1 50 |
| Charles A. Lucia, harness repairs | 85 |
| Malden Veterinary Hospital, dentistry . . . | 2 00 |
| J. C. Miller, Jr., printing | 36 25 |
| Calvin H. Clark, cash paid for fares, postage stamps, express | 2 65 |
| | <hr/> |
| | \$256 60 |

By appropriation, \$200 00

By transfer, 60 00

\$260 00

MILK AND VINEGAR.

SALARY OF INSPECTOR OF MILK AND VINEGAR.

Paid:

Winslow Joyce, 1 year, to January 1, 1906 . \$100 00

By appropriation, \$100.

EXPENSES OF INSPECTOR OF MILK AND VINEGAR.

Paid :

| | |
|---|---------|
| Charles D. Tucker, stationery | \$1 15 |
| J. C. Miller, Jr., printing | 8 25 |
| Medford Publishing Co., advertising | 2 75 |
| Page & Curtin, lantern, hardware | 2 20 |
| J. E. Richardson, analysis of milk | 6 00 |
| Charles W. Black, assisting inspector | 2 00 |
| Winslow Joyce, cash paid for lactometer, traveling expenses | 2 65 |
| | <hr/> |
| | \$25 00 |

By appropriation, \$25.

PARK DEPARTMENT.

PUBLIC COMMONS.

Paid :

| | |
|--|------------|
| Workmen, as per pay-rolls | \$1,302 00 |
| Alvin R. Reed, salary as clerk, 1 year, to January 1, 1906 | 50 00 |
| Alvin R. Reed, postage, stationery, extra services, Edward P. Adams, professional services and expenses as landscape architect | 3 50 |
| Medford Water Division, interest on cost of laying main pipe, 1 year, to January 1, 1906, | 114 25 |
| Medford Highway Department, labor, material, Wellman Sole Cutting Machine Co., sharpening lawn mowers, repairing | 19 30 |
| Page & Curtin, oil, lawn mower, tools, labor | 163 66 |
| William Leavens & Co., chairs | 23 45 |
| George H. Archibald, carpentry | 16 37 |
| Warren H. Keay, painting | 11 25 |
| Simon White, painting | 60 78 |
| William H. Lenox, loam | 11 65 |
| | 58 70 |
| | 38 00 |

| | |
|---|------------|
| Leslie E. A. Smith, carriage hire | \$2 50 |
| F. H. Mosher, inspection for San José scale | 10 00 |
| H. L. Frost & Co., spraying for San José scale, | 80 25 |
| J. C. Miller, Jr., printing | 3 00 |
| Fred G. Ewell, police service June 15, 16, 17, 18, July 4 | 12 00 |
| John H. Frazier, police service June 15, 16, 17, 18, July 4 | 12 00 |
| Harry L. Haskell, police service June 15, 16, 17, 18, July 4 | 12 50 |
| Archie MacLeod, police service June 15, 16, 17, 18, July 4 | 12 50 |
| | <hr/> |
| | \$2,017 66 |
| By appropriation, \$2,000 00 | |
| By receipts, 28 00 | |
| | <hr/> |
| | \$2,028 00 |

POLICE DEPARTMENT.

SALARIES OF POLICE OFFICERS.

| | |
|---|-------------|
| Paid: | |
| Emery D. Holmes, Chief of Police, 1 year, to January 1, 1906 | \$1,300 00 |
| Police officers, as per pay-rolls | 19,728 00 |
| | <hr/> |
| | \$21,028 00 |
| By appropriation, \$20,300 00 | |
| By transfer, 730 00 | |
| | <hr/> |
| | \$21,030 00 |

BADGES.

| | |
|--|---------|
| Paid: | |
| The Mitchell Manufacturing Co., junk license badges | \$25 00 |
| By transfer, \$25. | |

SIGNAL SERVICE.

Paid :

| | |
|---|------------|
| The Gamewell Fire-Alarm Telegraph Company, installing system as per contract | \$4,000 00 |
| By appropriation, \$3,500 00 | |
| By transfer, 500 00 | |
| | <hr/> |
| | \$4,000 00 |

SPECIAL POLICE, ETC.

Paid :

| | |
|---|------------|
| Special Police Officers, as per pay-rolls | \$1,560 76 |
| Blanchard, Kendall & Co., lumber | 40 |
| George H. Archibald, carpentry | 51 55 |
| Clifton Williams, laundry work | 1 55 |
| Wellman Sole Cutting Machine Co., repairing | 55 |
| William Gibson, labor | 1 30 |
| William Golder, labor on police line | 1 00 |
| William E. Ober, electrical work | 2 00 |
| Malden Electric Co., light | 143 92 |
| Malden & Melrose Gas Light Co., gas | 7 77 |
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to Feb. 1, 1906 | 236 36 |
| Warren H. Keay, turpentine | 10 |
| Medford Water Division, water | 41 11 |
| Medford Ice Co., ice | 12 00 |
| Leslie E. A. Smith, boarding horse | 286 73 |
| Annie F. Etter, rent of stable | 120 00 |
| James Timothy, clipping horse | 2 50 |
| Frederick M. Viles, bay horse | 265 00 |
| Luke Coyne, shoeing | 20 26 |
| Arthur C. Symmes, shoeing | 18 50 |
| Robert E. Lundy, clipping horse | 2 50 |
| Arthur C. Symmes, carriage repairs | 19 25 |
| E. Teele & Co., carriage repairs | 8 50 |
| Charles H. Hartshorn, whip snappers | 20 |

| | |
|--|---------|
| Charles A. Lucia, harness supplies, repairs | \$14 15 |
| Harrie W. Peirce, veterinary services | 14 00 |
| George Henry Packard, M.D., professional services | 2 00 |
| E. W. Barrett, M.D., professional services | 6 00 |
| Daniel N. Howard, medicines, bandages | 1 45 |
| John W. Enright, medicines, sundries | 6 10 |
| John A. Morgan, medicines | 8 35 |
| J. N. Cowin & Co., hay, straw, oats | 106 10 |
| Medford Coal Co., coal | 421 25 |
| Edwin L. Joyce, use of boat | 1 00 |
| Page & Curtin, plumbing repairs, oil, hardware | 34 27 |
| J. C. Miller, Jr., printing | 25 40 |
| Charles D. Tucker, stationary, repairing badges | 16 90 |
| F. H. Radford, directory | 2 00 |
| Newton Graphic Publishing Co., book | 1 50 |
| New England Towel Supply Co., towels | 18 00 |
| Wyman Lunch Co., lunch served | 20 05 |
| Annie F. Eiter, meals | 4 90 |
| Herbert I. Hoyt, meals | 5 75 |
| Frank Hervey, sugar, lemons, crackers, cheese, soap, oil, matches, ammonia | 17 52 |
| Thomas O'Brien, cloth for stripes | 7 00 |
| William P. Treet, gloves, pins | 3 40 |
| William F. Leahy, gloves | 1 50 |
| William G. Golding, cash paid for expense in case | 2 60 |
| William G. Ewell, cash paid for chevrons, fares, | 4 60 |
| Emery D. Holmes, cash paid for postage, fares, expressing | 20 40 |
| John B. A. Buffum, cash paid for fares | 4 67 |
| George E. Bliss, electrical work | 17 24 |
| W. E. Decrow, signal system supplies, condensers, police register paper | 25 36 |
| Braman, Dow & Co., wheels, gaskets, wicks, glasses | 5 94 |

EXPENDITURES.

183

| | |
|---|------------|
| The National Telephone Tablet Holder Co., holders, pads | \$3 00 |
| Pettingell-Andrews Co., electrical supplies . . | 12 22 |
| Oliver Whyte & Co., rods, nickel plating . . | 9 00 |
| Iver Johnson Sporting Goods Co., flag | 4 50 |
| Sulpho-Naphthol Co., sulpho-naphthol | 20 00 |
| City of Malden Police Department, police ser- vice June 17 | 81 00 |
| City of Everett Police Department, police ser- vice June 17, fares | 34 10 |
| City of Somerville Police Department, police service June 17 | 33 29 |
| City of Boston Police Department, police service June 17 | 16 00 |
| American Express Co., expressing | 2 45 |
| Welch's Express, expressing | 30 |
| | <hr/> |
| | \$3,839 07 |
| Amount transferred to other accounts | 1,230 00 |
| | <hr/> |
| | \$5,069 07 |
| By appropriation, \$3,800 00 | |
| By transfer, 1,130 00 | |
| By receipts, 155 00 | |
| | <hr/> |
| | \$5,085 00 |

PUBLIC LIBRARY DEPARTMENT.

GENERAL EXPENSES.

| | |
|---|------------|
| Paid: | |
| Librarian and assistants, as per pay-rolls . . | \$4,299 16 |
| Linton B. Sanderson, janitor service | 672 00 |
| Linton B. Sanderson, extra work, sundries . . | 65 05 |
| Malden Electric Co., light, rent of fan motor . . | 182 73 |
| Malden and Melrose Gas Light Co., gas | 16 59 |
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to Feb. 1, 1906 . . | 50 10 |

| | |
|--|---------|
| George H. Archibald, carpentry | \$34 97 |
| J. H. Smith, carpentry | 25 23 |
| William F. Alden, reseating chairs | 3 85 |
| Warren H. Keay, painting, glazing | 14 32 |
| William H. Baker, grinding lawn mower | 1 00 |
| Page & Curtin, plumbing repairs, hardware | 14 17 |
| William Howe, making case, repairing furniture, | 13 00 |
| H. Gordon Weeks, electrical work, supplies | 21 85 |
| George L. Lewis, frame, mounting photographs, | 3 70 |
| Medford Publishing Co., advertising | 11 50 |
| Medford Leader, advertising | 9 00 |
| George W. Hersey, prints | 2 70 |
| Charles D. Tucker, stationery | 35 83 |
| Thorp & Martin Co., stationery | 13 63 |
| Horace K. Turner Co., prints | 4 66 |
| Stone & Forsyth, paper | 44 00 |
| J. C. Miller, Jr., printing | 151 65 |
| Amos B. Morss, printing | 18 00 |
| Medford Wood Co., wood | 6 10 |
| Medford Coal Co., coal | 287 50 |
| Medford Ice Co., ice | 13 88 |
| Medford Water Division, water | 14 00 |
| Frank H. Peak, magazines, papers | 256 05 |
| A. L. A. Publishing Board, periodical cards | 2 12 |
| Library Bureau, library supplies, table, book- cases | 293 97 |
| Macey-Wernicke Co., book sections, locks | 23 00 |
| The Hammond Typewriter Co., typewriter, shuttle | 63 50 |
| Oliver Whyte & Co., brackets | 1 25 |
| Dennison Mfg. Co., envelopes, tags, bands, paste, twine | 6 53 |
| Samuel Ward Co., albums, baskets, stationery, | 13 65 |
| Librarian of Congress, Library of Congress cards, | 15 00 |
| New England Towel Supply Co., towels | 17 16 |
| Warren Carpet Cleaning Co., cleaning carpet | 80 |

EXPENDITURES.

185

| | |
|--|--------|
| C. T. Paddock, filling tree protectors . . . | \$3 00 |
| Sulpho-Naphthol Co., sulpho-naphthol . . . | 3 00 |
| Orient Mfg. Co., spray and atomizers . . . | 11 50 |
| J. L. Hammett Co., games, flags . . . | 3 95 |
| Lamprell & Marble, repairing flag . . . | 1 60 |
| Murphy, Leavens & Co., floor brushes . . . | 3 50 |
| Cedric Chivers, binding . . . | 521 02 |
| W. H. Moore, subscriptions to magazines . . . | 20 70 |
| The Booklovers' Library, membership . . . | 25 00 |
| Library Art Club, assessment, 1 year to May, 1906 | 5 00 |
| Mary E. Sargent, cash paid for subscription to Boston Athenaeum Library, index, felt, ex- penses as delegate to Library Conference . . . | 52 74 |
| Florence H. Paul, extra work . . . | 3 00 |
| William Abbott, books . . . | 5 00 |
| N. J. Bartlett & Co., books . . . | 266 21 |
| The Booklovers' Library, books . . . | 154 65 |
| The Boston Book Co., books . . . | 10 00 |
| Congdon & Britnell, books . . . | 7 50 |
| Consolidated Retail Booksellers, books . . . | 15 00 |
| Doubleday, Page & Co., books . . . | 18 62 |
| S. F. McLean & Co., books . . . | 42 65 |
| The Northwestern Miller, books . . . | 2 00 |
| The Philadelphia Bookstore Co., books . . . | 36 95 |
| F. H. Radford, books . . . | 2 00 |
| James H. Stark, books . . . | 6 75 |
| R. H. White Co., books . . . | 403 52 |
| The H. W. Wilson Co., books . . . | 29 13 |
| George Barrie & Sons, books . . . | 36 00 |
| The Baker & Taylor Co., books . . . | 31 27 |
| Frank W. Coburn, books . . . | 90 |
| Dana, Estes & Co., books . . . | 11 25 |
| Cora E. McDevitt, books . . . | 83 20 |
| Charles Scribner's Sons, books . . . | 14 30 |
| George L. Bradlee, books . . . | 67 43 |

| | |
|--|---------|
| Charles W. Clark Co., books | \$16 95 |
| Oliver Ditson Co., books | 18 00 |
| Directors of Old South Work, books | 1 25 |
| The Schoenhof Book Co., books | 20 68 |
| The Union Library Association, books | 151 52 |
| A. S. Burbank, books | 2 50 |
| Charles Evans, books | 15 00 |
| J. L. Hammett Co., books | 17 70 |
| Little, Brown & Co., books | 4 50 |
| Ernest Dressel North, books | 3 70 |
| Albert Clark Stevens, books | 2 00 |
| Virtue & Co., books | 72 00 |
| Albert Britnell, books | 1 40 |
| Publishers' Weekly, books | 12 50 |
| Merrill & Baker, books | 19 60 |
| The New England Historic Genealogical Society, books | 10 00 |
| B. F. Buck & Co., books | 4 35 |
| De Wolfe & Fiske Co., books | 17 10 |
| Publishing Committee of Somerville Historical Society, books | 1 00 |
| W. A. Keating, books | 6 70 |
| C. F. Libbie & Co., books | 18 07 |
| McDevitt-Wilson, books | 3 23 |
| Smith's Express, expressing | 14 03 |
| American Express Co., expressing | 94 35 |

 \$9,149 67

By appropriation, \$7,000 00

 By receipts, 2,149 87
\$9,149 87

AGENCIES.

Paid :

| | |
|--|----------|
| Charles A. Ellsworth, services as agent at Wellington, one year, to January 1, 1906 . . . | \$35 00 |
| Nahum E. Wilber, services as agent at West Medford, 1 year, to January 1, 1906 . . . | 30 00 |
| Durant & Haushalter, services as agents at Glenwood, 1 year, to January 1, 1906 . . . | 35 00 |
| James Morrison, services as agent at Tufts Square, including transportation of books, 1 year, to January 1, 1906 | 95 00 |
| Georgina E. McIntosh, services as agent at Hillside, 1 year, to December 1, 1905 . . . | 30 00 |
| Horace A. Smith, transporting books for agencies, Hopkinson & Holden, basket | 1 32 |
| | 8 00 |
| | <hr/> |
| | \$365 00 |

By appropriation, \$366.

RELIEF OF POOR DEPARTMENT.

SALARIES OF OVERSEERS OF POOR AND SECRETARY.

Paid :

| | |
|---|----------|
| Calvin H. Clark, Chairman, 1 year, to January 1, 1906 | \$500 00 |
| John Crowley, 1 year, to January 1, 1906 | 50 00 |
| John W. Bragdon, 1 year, to January 1, 1906, | 50 00 |
| Edward W. Hayes, secretary to Overseers of Poor, 1 year, to January 1, 1906 | 150 00 |
| | <hr/> |
| | \$750 00 |

By appropriation, \$750.

ALMSHOUSE.

Paid :

| | |
|---|------------|
| Superintendent and sundry persons, as per pay-rolls | \$1,527 02 |
| William N. Curtis, groceries | 105 20 |
| Frank Hervey, groceries | 187 26 |
| Yerxa & Yerxa, groceries | 51 14 |
| Warren & Torrens, groceries | 94 |
| J. E. Ober & Son, groceries | 62 90 |
| Frederick C. Small & Co, groceries | 19 35 |
| George A. Croudin, provisions | 58 69 |
| John J. Crowley, provisions | 14 53 |
| Hammond Packing Co., provisions | 6 50 |
| William J. Geary, groceries and provisions | 132 96 |
| J. E. Rymes & Son, groceries and provisions | 22 45 |
| Charles R. Drew, groceries and provisions | 102 63 |
| Frank P. Kent, groceries and provisions | 213 00 |
| Nathan A. Johnson, groceries and provisions | 23 06 |
| Frank E. Pierce, fish, oysters | 69 58 |
| Wheeler Bros., fish, oysters | 25 39 |
| Morris & Co., oleomargarine | 14 40 |
| The G. H. Hammond Co., oleomargarine | 40 00 |
| Charles Cummings, pigs | 10 00 |
| McGreenery & Manning, tobacco, pipes | 43 67 |
| Medford Ice Co., ice | 33 41 |
| John A. Morgan, medicines, sundries | 31 05 |
| Charles W. Smith, medicines | 19 20 |
| John W. Enright, medicines | 28 59 |
| Daniel N. Howard, medicines | 35 |
| William F. Leahy, dry goods | 33 00 |
| W. H. Magoon, dry goods | 43 58 |
| Wilson, Larrabee & Co., dry goods | 21 75 |
| S. Vorenberg & Co., pantaloons | 12 00 |
| Arthur T. Loomis, boots, shoes | 32 30 |
| J. N. Cowin & Co., grain, meal, shorts, corn | 84 00 |

EXPENDITURES.

189

| | |
|---|--------|
| J. E. Ober & Son, meal, oil, corn | \$5 65 |
| Locke Coal Co., coal | 328 60 |
| Estate of Harvey Wright, shoeing | 3 50 |
| Arthur C. Symmes, shoeing, carriage repairs | 26 70 |
| James Griffiths, commission on buying cow | 2 50 |
| Edward W. Hayes, cash paid for cow | 64 00 |
| Alberton Harris, service | 3 00 |
| Charles H. Hartshorn, harness supplies | 5 25 |
| Warren H. Keay, paint, oil, glazing | 3 72 |
| Page & Curtin, hardware, willow ware, crockery, | 66 45 |
| Duparquet, Huot & Moneuse Co., dishpan and cover, copper cereal cooker | 9 95 |
| William Gibson, plumbing, repairs, hardware, varnish | 35 23 |
| Blanchard, Kendall & Co., lime | 1 15 |
| William H. Lenox, plowing | 12 50 |
| Calvin H. Clark, cash paid for cabbage plants, fares, packing | 1 80 |
| James H. Gowing, cash paid for express, labor, sundries | 12 65 |
| Medford Water Division, water | 32 00 |
| Malden & Melrose Gas Light Co., gas | 99 11 |
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to Feb. 1, 1906 | 34 04 |
| Dennis F. Creeden, mattresses | 16 20 |
| Robert Josselyn, rubber blankets | 3 75 |
| Squires & Co., pork barrels | 2 00 |
| Thomas J. Grey & Co., vegetable seeds | 9 80 |
| A. & D. Bramer, seeds, harrow | 20 50 |
| Bowker Fertilizer Co., fertilizer | 20 00 |
| S. C. Baxter, inspecting boiler | 5 00 |
| Burditt & Williams Co., hardware | 1 05 |
| Chase's Express, expressing | 15 |
| Donoghue's Express, expressing | 50 |
| American Express Co., expressing | 1 69 |

| | |
|--|------------|
| Nicholas White & Co., work on drain and cess-pools | \$121 75 |
| Nicholas White & Co., labor as per pay-rolls | 102 50 |
| | <hr/> |
| | \$4,122 59 |
| By appropriation, \$3,800 00 | |
| By transfer, 24 40 | |
| By receipts, 298 19 | |
| | <hr/> |
| | \$4,122 59 |

OUTSIDE RELIEF.

Paid:

| | |
|---|----------|
| Massachusetts Hospital for Epileptics, board | \$169 46 |
| Massachusetts General Hospital, board, special nurse | 78 00 |
| City of Boston, aid rendered | 277 39 |
| City of Malden, aid rendered | 12 00 |
| City of Chelsea, aid rendered | 1 25 |
| Town of Saugus, aid rendered | 52 00 |
| Town of Sudbury, aid rendered | 14 00 |
| O. B. Shepley, use of ambulance | 12 00 |
| Reuben C. Hawes, carriage hire | 5 00 |
| George Nichols Co., burial | 15 00 |
| Edward J. Gaffey, burial | 10 00 |
| Jacob L. Babcock, watching | 2 00 |
| Patrick Dwyer, watching | 3 50 |
| Alfred J. Hawks, M. D., medicine | 2 00 |
| Asaphene De F. Manning, cash paid for nurse's services and care | 44 00 |
| Calvin H. Clark, cash paid for nursing, fares | 22 53 |
| J. C. Miller, Jr., printing | 29 75 |
| Hobbs & Warren Co., blanks | 3 00 |
| Medford Health Department, use of telephone, 1 year, to January 1, 1906 | 12 00 |
| Medford Water Division, care of team | 18 00 |

EXPENDITURES.

191

| | |
|---|---------|
| Edward W. Hayes, cash paid for fares, postage, etc. | \$10 24 |
| Edward W. Hayes, salary as clerk, 1 year, to January 1, 1906 | 100 00 |
| Thomas F. Maguire, groceries, provisions | 16 00 |
| Hugh F. Mellen, groceries, provisions | 122 00 |
| Harry C. Eitel, groceries, provisions | 28 00 |
| Nathan A. Johnson, groceries, provisions | 164 00 |
| S. E. Baker & Co., groceries, provisions | 8 00 |
| Frank P. Kent, groceries, provisions | 56 00 |
| D. W. Stockton, groceries, provisions | 28 00 |
| Francis H. Lovering, groceries, provisions | 15 50 |
| Lewis E. Ingraham, groceries, provisions | 32 00 |
| Thomas D. Collins, groceries, provisions | 82 00 |
| Charles N. Brown, groceries, provisions | 14 00 |
| Edward S. Randall, groceries, provisions | 110 00 |
| M. E. O'Brien, groceries, provisions | 23 00 |
| J. Eugene Dussault, groceries, provisions | 55 00 |
| M. W. Robinson & Son, groceries, provisions, | 14 00 |
| William F. Curtis, groceries, provisions | 70 00 |
| C. S. Mellen, groceries, provisions | 14 00 |
| Leland M. Kiley, groceries, provisions | 28 00 |
| Charles H. Hunter & Co., groceries, provisions, | 50 00 |
| Fletcher Clark, groceries | 43 00 |
| J. E. Ober & Son, groceries | 110 50 |
| Yerxa & Yerxa, groceries | 128 00 |
| Frederick Riley, groceries | 94 00 |
| Warren & Torrens, groceries | 124 00 |
| Durant & Haushalter, groceries | 85 35 |
| David J. Clark, groceries | 10 00 |
| William N. Curtis, groceries | 98 00 |
| Frank Hervey, groceries | 206 00 |
| William J. Geary, groceries | 23 92 |
| F. L. White & Co., groceries | 6 00 |
| E. J. Hervey Co., groceries | 6 00 |
| F. J. McKinnon & Co., groceries | 8 00 |

| | |
|---|------------|
| S. T. Eisner, groceries | \$4 00 |
| McKinnon & Eisner, groceries | 32 00 |
| James Dinsmore, milk | 12 67 |
| Joseph S. French, milk | 2 80 |
| Guy R. Nutter, medicines | 12 55 |
| Highley's Pharmacy, medicines | 25 |
| John W. Enright, medicines | 14 85 |
| John A. Morgan, medicines | 10 35 |
| John A. Morgan & Co., medicines | 8 15 |
| Charles W. Smith, medicines | 23 70 |
| W. H. Frazier, medicines | 70 |
| George B. Whitcher, medicines | 1 50 |
| J. E. Ober & Son, coal, wood | 214 80 |
| Locke Coal Co., coal | 18 05 |
| George E. Dutton, boots, shoes | 15 65 |
| Arthur T. Loomis, boots, shoes | 6 75 |
| George W. Sharman, boots, shoes | 3 00 |
| Poole & Leach, boots, shoes | 8 50 |
| Ellen Creeden, board | 48 00 |
| Edwin D. Rhone, board | 30 00 |
| Mary Carroll, cash allowance for 12 months | 52 00 |
| Lucy A. Sullivan, cash allowance for 12 months, | 104 00 |
| Lucy B. Conery, cash allowance for 12 months, | 78 00 |
| Laura A. Peak, cash allowance for 12 months, | 78 00 |
| Thomas McLeester, cash allowance for 4 months, | 51 00 |
| Mary Eagan, cash allowance for 3 months | 12 00 |
| Caroline E. Shearer, cash allowance for 3 months, | 12 00 |
| Elizabeth M. Dormai, cash allowance for 3 months, | 26 00 |
| | <hr/> |
| | \$3,646 66 |
| Amount transferred to other accounts | 1,354 40 |
| | <hr/> |
| | \$5,001 06 |
| By appropriation, \$4,000 00 | |
| By receipts, 1,472 27 | |
| | <hr/> |
| | \$5,472 27 |

SCHOOL DEPARTMENT.

SALARIES OF COMMITTEE AND SECRETARY, ONE YEAR, TO
JANUARY 1, 1906.

Paid :

| | |
|---------------------------------------|---------|
| Michael F. Dwyer, Mayor | \$50 00 |
| Rosewell B. Lawrence | 50 00 |
| Charles N. Jones | 50 00 |
| William Cushing Wait | 50 00 |
| Amanda H. Plummer | 50 00 |
| George E. Davenport | 50 00 |
| Sidney Gleason | 50 00 |
| Clara T. Guild | 50 00 |
| George S. T. Fuller | 50 00 |
| William H. Couch | 50 00 |
| Henry L. Cornell | 50 00 |
| Charles N. Jones, secretary | 200 00 |

\$750 00

By appropriation, \$750.

SALARY OF SUPERINTENDENT OF SCHOOLS.

Paid :

Charles H. Morss, 1 year, to January 1, 1906, \$2,800 00

By appropriation, \$2,800.

SALARIES OF TEACHERS, INCLUDING SUBSTITUTES, ONE
YEAR, TO JANUARY 1, 1906.

Paid :

Sundry persons, as per pay-rolls \$79,347 27

By appropriation, \$78,835 00

By transfer, 550 00

\$79,385 00

STEWARDSHIP, ONE YEAR, TO JANUARY 1, 1906.

Paid:

Engineer and stewards, as per pay-rolls . . . \$8,200 00

By appropriation, \$8,200.

PUBLIC SCHOOLS. — CONTINGENT.

Paid:

| | |
|---|----------|
| Henry F. Moore, Truant Officer | \$500 00 |
| Henry F. Moore, delivering supplies, fares | 59 70 |
| Wilford N. Parkin, cash paid for fares, 3 mos., | 18 00 |
| Brown Bros., plumbing repairs | 6 97 |
| Page & Curtin, plumbing repairs, hardware, oil, rope | 185 91 |
| Ormond B. Brown, plumbing repairs, repairs on roof | 8 68 |
| Charles E. Barrows, plumbing repairs | 17 25 |
| William Gibson, plumbing repairs, hardware | 22 23 |
| William S. Richards, plumbing repairs, furnace repairs, hardware | 347 88 |
| W. N. Gray, repairs on roof | 158 47 |
| Oscar L. Soderlund, painting, glazing, varnish- ing | 90 00 |
| Charles H. Walley, painting, reeving halyards, | 72 08 |
| Joseph C. Harris, painting, glazing, kalsomining, | 175 70 |
| Charles C. Bartlett, glazing | 5 10 |
| Warren H. Keay, painting, glazing | 380 43 |
| Gardner Bros., glazing | 40 |
| J. M. Clark & Co., mason work | 132 70 |
| Michael Curtin, whitewashing | 99 50 |
| George L. Poland, putting cord on flag-pole | 1 00 |
| Estate of Harvey Wright, repairing poker | 75 |
| Arthur C. Symmes, poker, furnace rake | 2 50 |
| Blanchard, Kendall & Co., lumber | 70 35 |
| Thatcher E. Littlefield, lumber | 9 00 |
| Edward A. Palmer, work on flag-pole, etc. | 4 10 |

EXPENDITURES.

195

| | |
|---|----------|
| George H. Archibald, carpentry | \$407 35 |
| Frank B. Blodgett, carpentry | 9 45 |
| Nason B. Cunningham, carpentry | 37 23 |
| Lewis H. Lovering, carpentry | 118 00 |
| Louis G. Bragdon, concreting | 67 50 |
| Edward C. Beck, tinting ceilings | 25 30 |
| Johnson Service Co., repairing heat regulation apparatus | 21 14 |
| Lexington Flagg-Staff Co., painting staff, put- ting in new rope | 14 25 |
| Roberts Iron Works, stock and labor on boilers, | 17 63 |
| Wellman Sole Cutting Machinery Co., sharpen- ing mower | 1 25 |
| Daniel J. White, sharpening mowers, sundries, | 7 30 |
| William A. Baker, sharpening mower and shears, | 1 20 |
| J. L. Barry, removing gypsy moths | 3 00 |
| William F. Merson, laundry work for cooking class, | 8 70 |
| Medford Leader, advertising | 2 00 |
| Medford Publishing Co., advertising | 10 25 |
| William S. Child, taking school census | 150 00 |
| J. C. Miller, Jr., printing | 212 55 |
| Charles D. Tucker, regulating clocks | 14 50 |
| Tillinghast W. Wyman, cleaning and repairing clocks | 7 00 |
| Edith M. Cushing, piano and cost of polishing, | 42 50 |
| James J. Gaffney, electrical work | 11 15 |
| William E. Ober, electrical work | 13 13 |
| Electric Gas Lighting Co., electrical supplies . | 23 16 |
| H. J. Evans, part payment, P. E. D. combina- tion electrical equipment | 105 50 |
| The Porter Battery Co., storage batteries . . | 22 00 |
| L. A. Whitney, electrical work | 8 93 |
| Malden Electric Co., light | 222 52 |
| Malden & Melrose Gas Light Co., gas | 60 64 |
| New England Telephone & Telegraph Co., rental and tolls, 1 year, to February 1, 1906 . . . | 92 69 |

| | |
|---|----------|
| H. F. Staples & Co., furniture polish, waxed oil, | \$123 00 |
| Kenney Bros. & Wolkins, furniture, school supplies | 1,335 37 |
| William Leavens & Co., settees, chairs, table . | 116 00 |
| Murphy, Leavens & Co., brushes, dusters, pails, | 161 92 |
| Ideal Ventilator Co., oak ventilator | 3 25 |
| J. B. Cook Piano Co., rubber cover | 3 50 |
| Charles Graham, generator | 16 50 |
| Joseph Myerson, rope | 1 62 |
| Henry A. Wheeler & Co., halyards | 7 50 |
| M. C. Warren & Co., linen line | 4 50 |
| Library Bureau, oak case, cards, guides | 39 14 |
| F. W. Foster Mfg. Co., grato | 100 00 |
| Blodgett Clock Co., tapes | 1 00 |
| Jenkins Bros., discs | 83 |
| Allen Shade Holder Co., cord | 1 35 |
| George W. Lord Co., water purifying chemicals, | 56 50 |
| The Gibson Soap Co., soap polish | 4 75 |
| Valvoline Oil Co., oil | 17 00 |
| Bestosking Packing & Supply Co., polish, glasses, pipe, labor | 108 30 |
| Andrew J. Lloyd & Co., hygrodeik | 5 50 |
| Frank P. Peirce, soap polish | 3 00 |
| The A. F. Lewis Mfg. Co. files | 2 00 |
| James J. Shannon & Co., typewriter supplies, repairs | 8 85 |
| The Smith Premier Typewriter Co., repairs . | 2 60 |
| Boston Steam Specialty Co., supplies | 11 08 |
| R. E. Kibbe, engrossing diplomas and commissions | 16 25 |
| American Bank Note Co., diplomas | 14 00 |
| Remington Typewriter Co., adjusting machines, | 1 50 |
| S. C. Baxter, inspecting boilers | 71 00. |
| Adams, Cushing & Foster, stationery | 105 10 |
| Higgins, Snow & Co., paper and cutter | 2 35 |
| E. & F. King & Co., asphaltum | 1 60 |

EXPENDITURES.

197

| | |
|--|--------|
| The Perry Pictures Co., pictures | \$0 98 |
| A. I. Davenport, labor on frames | 8 50 |
| Clark & Smith Co., holly, basswood | 17 01 |
| Chandler & Barber, hardware for manual training, | 11 02 |
| Frost & Adams Co., paper for manual training, | 1 47 |
| Josephine Kintz, drawing materials | 5 39 |
| Longmans, Green & Co., books | 6 45 |
| Ginn & Co., books | 38 50 |
| American Book Co., books | 23 34 |
| D. C. Heath & Co., books | 5 21 |
| Thompson, Brown & Co., books | 2 09 |
| Edward E. Babb & Co., books | 13 25 |
| Medford Historical Society, historical registers, | 3 00 |
| Daniel N. Howard, disparine | 1 00 |
| John W. Enright, formaldehyde | 5 00 |
| Houghton & Dutton, cheese cloth, cooking utensils, | 23 71 |
| W. H. Magoun, cloth, pins, shades, cord | 14 40 |
| J. E. Ober & Son, hardware, oil, paint, fertilizer, | 7 18 |
| William J. Hixon, making keys | 1 50 |
| Medford Wood Co., sawdust | 1 25 |
| Levi F. Cole, cash paid for express, reseating chairs | 2 75 |
| John P. Thompson, cash paid for sundries, labor, | 2 60 |
| Andrew H. Kennedy, dressing | 7 00 |
| William F. Overton, loam | 1 00 |
| John H. Byron, sand | 2 00 |
| Henry B. Doland, cash paid for shrubs | 1 75 |
| Ellen M. Gill, repotting plants | 1 50 |
| Patrick Dwyer, dressing, loam, labor | 30 12 |
| John Poquette, labor | 2 00 |
| John A. Gaffey, stone, labor | 15 00 |
| Henry S. Bird, cash paid for sundries, labor | 8 65 |
| Michael Martin, labor on storm windows | 2 50 |
| Edward G. Martin, labor on seats and desks | 2 50 |
| George A. Croudis, groceries for cooking class, | 19 20 |
| Yerxa & Yerxa, groceries for cooking class | 10 55 |

| | |
|--|---------|
| Yerxa & Yerxa, salt, vaseline, oil, soapine, etc., | \$19 55 |
| Charles H. Morss, cash paid for postage, messenger, travelling expenses | 34 47 |
| City of Malden, tuition | 240 00 |
| Perkins Institution and Massachusetts School for the Blind, care of pianos, 1 year, to March 1, 1905 | 75 00 |
| Edward Cummings, address at High School graduation exercises | 20 00 |
| Robinson's Express, expressing | 5 10 |
| Welch's Express, expressing | 3 75 |
| Pinder's Express, expressing | 1 75 |
| McClellan's Express, expressing | 58 60 |
| Chase's Express, expressing | 19 10 |
| Smith's Express, expressing | 6 05 |
| American Express Co., expressing | 15 17 |

\$7,246 79

By appropriation, \$6,500 00

By transfer, 525 00

By receipts, 222 13

\$7,247 13

EVENING SCHOOL.

Paid:

| | |
|--|----------|
| Teachers and stewards, as per pay-rolls | \$851 00 |
| Malden Electric Co., light | 107 59 |
| Henry F. Moore, posting notices | 2 00 |
| J. C. Miller, Jr., printing | 4 40 |
| Medford Publishing Co., printing | 5 75 |
| American Book Co., blanks, forms | 19 12 |
| James J. Shannon & Co., typewriter supplies | 2 00 |
| Electric Gas Lighting Co., electrical supplies | 6 71 |

\$998 57

By appropriation, \$1,000.

FUEL (SCHOOL DEPARTMENT).

| | |
|---|------------|
| Paid : | |
| Locke Coal Co., coal | \$7,823 10 |
| John McCarty & Sons, charcoal | 155 00 |
| Medford Wood Co., wood | 19 75 |
| | <hr/> |
| | \$7,997 85 |
| By appropriation, \$8,000. | |

TEXT BOOKS AND SUPPLIES.

| | |
|--|----------|
| Paid : | |
| W. B. Clarke Co., books | \$267 39 |
| Whitcomb & Barrows, books | 4 80 |
| Ginn & Co., books | 997 77 |
| Houghton, Mifflin & Co., books | 331 96 |
| Silver, Burdett & Co., books | 132 87 |
| Edward E. Babb & Co., books | 185 78 |
| Thompson, Brown & Co., books | 118 19 |
| Longmans, Green & Co., books | 67 00 |
| D. C. Heath & Co., books | 127 29 |
| American Book Co., books | 142 76 |
| Atkinson, Mentzer & Green, books | 28 96 |
| Little, Brown & Co., books | 30 00 |
| Educational Publishing Co., books | 12 50 |
| Oliver Ditson Co., books | 12 00 |
| George H. Walker & Co., books | 12 00 |
| Rand, McNally & Co., books | 18 00 |
| The Estabrook Press, books | 2 00 |
| Maynard, Merrill & Co., books | 23 60 |
| Lothrop, Lee & Shepard Co., books | 17 50 |
| David Farquhar, rebinding | 191 15 |
| F. J. Barnard & Co., rebinding | 9 84 |
| Underhill Brothers, sharpening tools | 10 28 |
| Ernest A. Lee, sharpening tools | 13 00 |
| Chandler & Barber, tools, hardware, etc. | 169 26 |
| The Chemical Rubber Co., rubber stoppers | 2 68 |

| | |
|---|-----------------|
| The A. F. Lewis Manufacturing Co., files, holder, Atkinson, Mentzer & Grover, map with stand and manual | \$6 00 20 00 |
| S. J. Parkhill & Co., maps, charts | 27 00 |
| Kenney Brothers & Wolkins, furniture, school supplies | 2,159 11 |
| William Read & Sons, military goods | 53 08 |
| Henry A. Wheeler & Co., ensigns, halyards, repairs | 65 94 |
| The Foreign Plastic Art Co., clay | 4 00 |
| L. E. Knott Apparatus Co., laboratory supplies, | 142 50 |
| Eastern Drug Co., laboratory supplies | 19 05 |
| Milton Bradley Co., kindergarten supplies | 218 40 |
| Library Bureau, card system supplies | 12 50 |
| Robey-French Co., photographic supplies | 9 44 |
| James J. Shannon & Co., typewriters, sundries, | 81 45 |
| Medford Historical Society, historical registers, | 30 75 |
| Joseph Breck & Sons, flower and vegetable seeds, | 10 00 |
| Adams, Cushing & Foster, stationery | 112 90 |
| Thorp & Martin Co., stationery | 4 55 |
| Frost & Adams Co., stationery | 3 00 |
| M. Abbott Frazar, stuffed birds | 1 50 |
| J. L. Hammett Co., refilling hectograph and duplicators | 13 82 |
| Central Scientific Co., optical disc | 17 50 |
| A. T. Thompson & Co., carbons | 1 44 |
| Eimer & Amend, chemicals | 4 00 |
| J. C. Miller, Jr., printing | 141 25 |
| Clark & Smith, lumber | 16 15 |
| Blanchard, Kendall & Co., lumber | 58 45 |
| Yerxa & Yerxa, groceries for cooking class | 38 15 |
| George A. Croudis, groceries for cooking class, | 32 94 |
| Pasquale Volpe & Sons, fruits, nuts, cooking class | 5 98 |
| W. H. Magoon, cloth, pins | 53 |
| Amanda H. Plummer, cash paid for utensils for cooking class | 6 15 |

EXPENDITURES.

201

| | |
|--|--------|
| Page & Curtin, hardware for manual training | \$5 30 |
| Laura P. Patten, cash paid for car fares on geological excursions, sundries | 3 60 |
| Henry F. Moore, delivering supplies | 46 40 |
| Welch's Express, expressing | 2 65 |
| McClellan's Express, expressing | 84 67 |
| Robinson's Express, expressing | 2 70 |
| Pinder's Express, expressing | 2 35 |
| Chase's Express, expressing | 61 41 |
| Smith's Express, expressing | 19 30 |
| American Express Co., expressing | 25 29 |

 \$6,499 78

By appropriation, \$6,500.

VACATION SCHOOL.

Paid :

| | |
|--|----------|
| Teachers, as per pay-rolls | \$140 00 |
| William F. Merson, stock and labor | 10 00 |

 \$150 00

By transfer, \$150.

WATER.

Paid :

| | |
|---|------------|
| Medford Water Division, water | \$1,024 60 |
|---|------------|

By appropriation, \$750 00

By transfer, 275 00

 \$1,025 00

SEALER OF WEIGHTS AND MEASURES.

SALARY OF SEALER.

Paid :

| | |
|--|----------|
| Winslow Joyce, 1 year, to Jan. 1, 1906 | \$150 00 |
|--|----------|

By appropriation, \$150.

EXPENSES OF SEALER OF WEIGHTS AND MEASURES.

Paid:

| | |
|---|----------|
| J. C. Miller, Jr., printing | \$1 75 |
| Medford Publishing Co., advertising | 2 65 |
| Charles D. Tucker, stationery, repairing badge, | 4 45 |
| F. H. Radford, directory | 2 00 |
| Malden Electric Co., rent of fan motor | 3 00 |
| Leslie E. A. Smith, carriage hire | 29 00 |
| Warren H. Keay, stock and labor on sink and scale boxes | 1 33 |
| Luke Coyne, stock and labor on elevator hoist, | 1 50 |
| Malden Specialty Co., marking acid | 1 60 |
| The R. Woodman Manufacturing & Supply Co., steel stamp, burning brands | 8 50 |
| Page & Curtin, tools, lantern, rope, oil, nails | 10 94 |
| Winslow Joyce, cash paid for fares, express, sundries | 2 80 |
| Jacob L. Babcock, labor assisting sealer | 4 00 |
| W. J. Bogrette, labor assisting sealer | 19 00 |
| Charles W. Black, labor assisting sealer | 32 00 |
| McClellan's Express, expressing | 50 00 |
| | <hr/> |
| | \$124 92 |

By appropriation, \$125.

TREASURY DEPARTMENT.

SALARY OF CITY TREASURER.

Paid:

| | |
|---|------------|
| Parker R. Litchfield, 1 year, to Jan. 1, 1906 | \$1,650 00 |
|---|------------|

By appropriation, \$1,650.

TREASURY DEPARTMENT EXPENSES.

Paid:

| | |
|--|---------|
| Frank C. Litchfield, clerical work | \$95 00 |
| Alvin R. Reed, clerical work | 23 75 |

EXPENDITURES.

203

| | |
|--|----------|
| Susan F. Chapin, clerical work | \$10 00 |
| Leslie E. A. Smith, carriage hire for paymaster, | 18 50 |
| Charles D. Tucker, stationery | 6 60 |
| J. Henry Norcross, stamped envelopes | 21 40 |
| J. C. Miller, Jr., printing | 3 60 |
| F. H. Radford, one-half cost of directory | 1 00 |
| American Bank Note Co., check book | 15 00 |
| Globe Stamp Works, ribbon on dater | 50 |
| Parker R. Litchfield, cash paid for fares, stationery, | 8 00 |
| | <hr/> |
| | \$203 35 |

By appropriation, \$250.

WATER AND SEWER DEPARTMENT.

SALARIES OF COMMISSIONERS.

Paid:

| | |
|--|---------|
| Frank E. Chandler, Jan. 1 to March 5, 1905 | \$9 00 |
| Fredd H. Thomas, Jan. 1 to April 25, 1905 | 15 97 |
| William Leavens, Jan. 1 to April 25, 1905 | 15 97 |
| Charles W. Enright, March 6, 1905, to January 1, 1906 | 41 00 |
| John S. Libby, Nov. 29, 1905, to Jan. 1, 1906, | 4 52 |
| Frank G. Grady, Dec. 1, 1905, to Jan. 1, 1906, | 4 25 |
| | <hr/> |
| | \$90 71 |

By appropriation, \$150.

BROOKS AND STREAMS.

Paid:

| | |
|--|----------|
| Workmen, as per pay-rolls | \$630 20 |
| Frederick W. Gow, services as Superintendent, | 7 50 |
| Mary A. Leary, easements and rights in two parcels of land for the control of Whitmore Brook | 150 00 |
| George W. Gale Lumber Co., lumber | 12 99 |
| Blanchard, Kendall & Co., posts | 74 86 |

| | |
|--|----------|
| George H. Archibald, milling | \$7 00 |
| James W. Brogan, labor with team | 9 00 |
| Walter Bates & Son, gravel | 4 00 |
| Frank Hervey, chloride of lime | 1 50 |
| Andrew H. Kennedy, removing night soil | 4 00 |
| Medford Highway Department, creosote, gas oil, | 4 05 |
| George E. Dutton, rubber boots | 10 00 |
| Arthur T. Loomis, rubber boots repairing | 6 50 |
| | <hr/> |
| | \$921 60 |

By balance, \$980.03.

SEWER CONSTRUCTION.

Paid:

| | |
|--|------------|
| Workmen, as per pay-rolls | \$4,356 85 |
| Frederick W. Gow, services as Superintendent, | 477 50 |
| Orville J. Whitney, services as Superintendent, | 62 50 |
| Fred L. Cushing, cash paid for fares, recording papers | 4 24 |
| Luke Coyne, shoeing | 15 25 |
| Arthur C. Symmes, shoeing, carriage repairs | 31 55 |
| E. Teel & Co., carriage repairs | 30 80 |
| Patrick H. Kirwan, sharpening picks | 9 96 |
| Robert Harvey, filing saws | 3 00 |
| C. H. Fogg, stable supplies | 8 88 |
| Fred A. Loud, rubber tires, carriage repairs | 56 55 |
| Arthur T. Loomis, rubber boots | 10 50 |
| Blanchard, Kendall & Co., lumber | 28 45 |
| Thatcher E. Littlefield, lumber | 24 15 |
| Malden & Melrose Gas Light Co., coke | 14 44 |
| Durant & Hausbalter, oil | 108 80 |
| William Gibson, nails | 40 |
| Page & Curtin, pipe, hardware, lantern globes, | 8 12 |
| William S. Richards, pipe, lead, labor | 4 25 |
| Locke Coal Co., pipe | 5 81 |
| J. H. Cunningham Co., pipe | 28 93 |

EXPENDITURES.

205

| | |
|--|------------|
| Berry & Ferguson, pipe, cement | \$1,579 42 |
| Waldo Bros., pipe | 92 54 |
| Eastern Clay Goods Co., pipe | 62 04 |
| Edson Manufacturing Co., hose covering, repairing, | 20 88 |
| Union Cotton Manufacturing Co., cloth | 92 88 |
| Fred O. Johnson, linen cover | 15 00 |
| Colonial Supply Co., handles, jute, globes | 20 56 |
| Perrin, Seamans & Co., lanterns, tools | 21 65 |
| Harold L. Bond Co., lanterns | 9 50 |
| Osgood & Witherly, rings, covers, grates | 277 75 |
| Boston Engineers' Supply Co., packing, hose | 23 28 |
| New England Brick Co., bricks | 204 85 |
| Francis Doane & Co., binding Water Commis- sioners' Reports | 2 75 |
| Charles E. Morss, prints | 2 45 |
| Frost & Adams Co., scales | 2 03 |
| Dunn & Co., card cabinet | 5 50 |
| The Boston Store, mirrors, cloth | 1 76 |
| J. C. Miller, Jr., printing | 18 25 |
| Medford Engineering Department, portfolio | 1 50 |
| Warren H. Keay, varnishing | 13 13 |
| Louis G. Bragdon, concreting | 3 50 |
| Wellman Sole Cutting Machine Co., flush gates, | 23 30 |
| John A. Gaffey, final payment for sewer con- struction Main Street and Hicks Avenue | 78 41 |
| Walter Bates & Son, gravel | 5 50 |
| Edward M. Peters, liability insurance | 409 70 |
| Welch's Express, expressing | 25 |
| American Express, expressing | 35 |
| Boston & Maine Railroad, freight | 493 94 |

 \$8,773 60

| | |
|--------------------------|-------------|
| By balance, | \$23,195 73 |
| By apportionments, etc., | 9,589 89 |
| By receipts, | 1,026 48 |
| | <hr/> |
| | \$33,812 10 |

SEWER MAINTENANCE.

| | |
|--|----------|
| Paid : | |
| Workmen, as per pay-rolls | \$813 60 |
| Frederick W. Gow, services as Superintendent, | 15 00 |
| Luke Coyne, shoeing | 5 75 |
| Arthur C. Symmes, shoeing | 1 50 |
| E. Teel & Co., carriage repairs, shellac | 70 |
| John A. Morgan, medicine | 1 00 |
| Page & Curtin, hardware | 3 39 |
| Harold L. Bond Co., sewer brushes | 11 60 |
| Henry S. Harris & Son, salt brick | 1 60 |
| Medford Sealer of Weights and Measures, sealing, | 65 |
| | <hr/> |
| | \$854 79 |

By appropriation, \$1,000.

WATER CONSTRUCTION.

| | |
|--|------------|
| Paid : | |
| Workmen, as per pay-rolls | \$6,046 63 |
| Frederick W. Gow, services as Superintendent, | 125 00 |
| Orville J. Whitney, services as Superintendent, | 187 50 |
| Orville J. Whitney, cash paid for fares | 40 |
| Luke Coyne, shoeing | 8 75 |
| Arthur C. Symmes, shoeing, repairing picks | 33 00 |
| Patrick H. Kirwan, repairing picks and drills | 49 63 |
| E. Teel & Co., carriage repairs | 27 33 |
| Louis G. Bragdon, concreting | 14 55 |
| Wellman Sole Cutting Machine Co., labor, material | 123 26 |
| Shaw & Remby, turning pipe plugs | 25 |
| Blanchard, Kendall & Co., lumber | 19 68 |
| Thatcher E. Littlefield, lumber | 1 89 |
| Robert Harvey, filing saws | 75 |
| James W. Brogan, labor with team | 4 50 |
| Durant & Haushalter, oil | 59 25 |
| Page & Curtin, pipe, saw, saw-horse | 10 39 |

EXPENDITURES.

207

| | |
|--|----------|
| Fred A. Houdlette & Son, pipe | \$762 64 |
| George E. Gilchrist Co., pipe | 15 75 |
| Builders' Iron Foundry, pipe | 85 93 |
| Chadwick-Boston Lead Co., pipe, solder | 84 16 |
| Lead Lined Iron Pipe Co., pipe | 702 41 |
| Waldo Bros., pipe | 2 21 |
| Lynchburg Foundry Co., pipe | 3,225 50 |
| J. H. Cunningham Co., pipe | 167 79 |
| Berry & Ferguson, pipe | 56 16 |
| Waite, Raulet & Co., pipe, lead | 683 73 |
| J. F. Gleason, pipe jointers | 16 50 |
| Malden & Melrose Gas Light Co., gas | 1 98 |
| Frank Hervey, forcite, exploders, salt | 16 38 |
| E. J. Hervey Co., forcite, exploders, bon ami | 4 70 |
| Arthur T. Loomis, rubber boots | 17 50 |
| National Meter Co., meters | 123 00 |
| Thomson Meter Co., meters | 127 82 |
| Hersey Mfg. Co., meters | 80 00 |
| Pittsburg Meter Co., meter | 8 00 |
| Neptune Meter Co., meters, couplings | 299 00 |
| Union Water Meter Co., meter, stops | 58 90 |
| Boston & Lockport Block Co., diaphragms | 3 60 |
| Osgood & Witherly, castings, gate boxes | 308 71 |
| Braman, Dow & Co., castings | 1 25 |
| R. D. Wood & Co., castings | 321 78 |
| Henry N. Sweet, Receiver, castings | 44 50 |
| H. Mueller Mfg. Co., castings | 1 28 |
| Sumner & Gerald, castings | 7 60 |
| The Central Brass Mfg. Co., stops, wastes | 20 76 |
| Harold L. Bond Co., tools, gaskets, bolts, lanterns, | 44 53 |
| Charles A. Claffin & Co., tools, valves, cocks, | |
| oil packing | 61 87 |
| The A. P. Smith Mfg. Co., couplings | 20 16 |
| Hammond Mfg. Co., wrenches | 1 75 |
| W. R. Murphy, hacksaws | 5 50 |
| Rensselaer Mfg. Co., valves, hydrants | 739 45 |

| | |
|---|--------|
| Henry F. Jenks, faucets | \$7 00 |
| Coffin Valve Co., valves, gates | 374 35 |
| Boston Engineers' Supply Co., jute, packing | 8 50 |
| Charles F. Merrill, couplings, meter boxes | 64 20 |
| Walter Macleod & Co., heater, burner | 95 00 |
| Davis & Farnum Mfg. Co., bends | 31 85 |
| Walworth Mfg. Co., couplings, cocks, plugs | 300 63 |
| Scrannage Bros., joints | 12 30 |
| Chapman Valve Mfg. Co., valves, spindles | 24 80 |
| New England Brick Co., bricks | 25 50 |
| Henry R. Worthington, couplings, meters | 162 75 |
| Colonial Supply Co., pails, jute | 19 06 |
| George E. Gilchrist Co., couplings, nipples | 42 03 |
| Dunn & Co., cards | 21 52 |
| Francis Doane & Co., stationery | 15 50 |
| Edward M. Peters, liability insurance | 150 00 |
| Pinder's Express, expressing | 3 20 |
| Welch's Express, expressing | 1 20 |
| American Express Co., expressing | 14 65 |
| Boston & Maine Railroad, freight | 715 54 |

\$16,925 14

By appropriation, \$16,000 00

By receipts, 1,567 66

\$17,567 66

WATER MAINTENANCE.

Paid:

| | |
|---|------------|
| Workmen, as per pay-rolls | \$4,459 43 |
| Fred L. Cushing, water registrar, 1 year, to January 1, 1906 | 1,450 00 |
| Fred L. Cushing, cash paid for postage, police badge | 6 58 |
| Orville J. Whitney, salary as Superintendent | 437 50 |
| Orville J. Whitney, cash paid for towels | 1 12 |
| Locke Coal Co., coal | 205 20 |

EXPENDITURES.

209

| | |
|--|---------|
| Malden & Melrose Gas Light Co., coke, gas | \$12 99 |
| Malden Electric Co., light | 24 85 |
| J. N. Cowin & Co., hay, straw, oats, shorts | 249 81 |
| J. E. Ober & Son, oats | 117 00 |
| James W. Brogan, hay, loam | 220 93 |
| C. H. Fogg, stable supplies | 6 25 |
| Malden Veterinary Hospital, clipping horse | 3 00 |
| Medford Highway Department, hay, oats, teaming, | 191 96 |
| Medford Police Department, black horse | 140 00 |
| Charles H. Hartshorn, harness supplies, repairs, | 6 00 |
| Charles A. Lucia, harness supplies, repairs | 7 85 |
| Luke Coyne, shoeing | 34 85 |
| Arthur C. Symmes, shoeing, carriage repairs | 59 50 |
| E. Teel & Co., carriage repairs, milling | 31 12 |
| Patrick H. Kirwan, sharpening tools | 9 63 |
| George William Waite Co., axle oil | 3 75 |
| Hughes Anti-Friction Co., harness oil | 1 50 |
| Commonwealth Oil Co., oil | 7 56 |
| Colonial Supply Co., oilers | 2 25 |
| Blanchard, Kendall & Co., lumber | 12 59 |
| Wellman Sole Cutting Machine Co., labor, ma- terial | 28 55 |
| Louis G. Bragdon, concreting | 18 80 |
| Warren H. Keay, paints, turpentine, oil, glazing, | 8 15 |
| The National Paint & Varnish Co., paint | 22 75 |
| Chadwick-Boston Lead Co., paint | 10 35 |
| William A. Baker, bicycle supplies, repairs | 18 50 |
| Medford Engineering Department, stock and labor | 2 10 |
| Medford Sealer of Weights and Measures, sealing | 68 |
| Page & Curtin, plumbing repairs, hardware, globes, gasolene | 23 80 |
| Frank Hervey, salt, bon ami | 2 24 |
| Jeremiah T. Carter, metal polish | 1 25 |
| William Howe, making case, etc. | 12 00 |

| | |
|---|--------|
| Frank H. Peak, flags | \$4 23 |
| J. C. Miller, Jr., printing | 133 90 |
| J. Henry Norcross, stamped envelopes | 44 60 |
| Adams, Cushing & Foster, stationery | 12 45 |
| Charles D. Tucker, stationery | 2 95 |
| Francis Doane & Co., stationery | 9 50 |
| Thorp & Martin Co., stationery | 2 25 |
| Library Bureau, library system supplies | 10 76 |
| F. H. Radford, directory | 2 00 |
| Pneumatic Hand Stamp Co., stamps, dater, pad, | 4 18 |
| Frank P. Bridges & Co., pens | 1 50 |
| Dennison Mfg. Co., tags | 45 |
| Charles E. Moss, prints | 2 13 |
| W. W. Winship, making card case | 2 35 |
| Frank E. Wood, pen holders | 1 25 |
| Dunn & Co., purchase books | 12 00 |
| Hobbs & Warren Co., time books | 2 50 |
| The Greenwood & Daggett Co., lamp guards | 1 25 |
| H. L. Tisdale, arc light burners | 1 00 |
| George H. Mason & Co., drinking cups | 2 00 |
| Estate of Henry F. Jenks, drinking cups, faucets, | 13 15 |
| Sewall & Day Cordage Co., manila bale | 14 79 |
| Charles A. Claffin & Co., waste, grease, hose | 21 96 |
| Chapman Valve Mfg. Co., cap screws | 1 92 |
| Rensselaer Mfg. Co., grate, wrenches | 3 00 |
| Neptune Meter Co., gaskets, discs | 10 70 |
| The Arthur C. Harvey Co., bars | 30 |
| Hersey Mfg. Co., meter parts | 2 85 |
| Thomson Meter Co., repairing meters | 4 83 |
| The Ludlow Valve Mfg. Co., bolts, nuts | 60 |
| Hiram C. Jenks, drinking fountain | 51 00 |
| Smith & Thayer Co., grate parts | 1 92 |
| Walworth Mfg. Co., castings | 3 90 |
| Crosby Steam Gage & Valve Co., recorder charts, | 8 00 |
| Broad Gauge Iron Works, brass hinges | 5 00 |
| National Meter Co., wrenches, discs | 9 50 |

EXPENDITURES.

211

| | |
|--|-------------|
| Coffin Valve Co., plugs | \$1 20 |
| R. D. Wood & Co., castings | 11 58 |
| Asbestos & Magnesia Manufacturing Co., mill board | 6 40 |
| New England Telephone & Telegraph Co., ren- tal and tolls, 1 year, to February 1, 1906 | 111 55 |
| Donoghue's Express, expressing | 1 00 |
| Chase's Express, expressing | 65 |
| Welch's Express, expressing | 40 |
| American Express Co., expressing | 2 90 |
| Boston & Maine Railroad, freight | 1 69 |
| Coupons due October 1, 1904 | 60 00 |
| Chupons due December 1, 1904 | 80 00 |
| Coupons due January 1, 1905 | 6,120 00 |
| Coupons due April 1, 1905 | 1,000 00 |
| Coupons due June 1, 1905 | 900 00 |
| Coupons due July 1, 1905 | 6,000 00 |
| Coupons due October 1, 1905 | 840 00 |
| Coupons due December 1, 1905 | 900 00 |
| Medford Commissioners of Sinking Funds, inter- est on note of \$15,000, due July 1, 1905 | 300 00 |
| Medford Commissioners of Sinking Funds, inter- est on coupon note of \$8,000, due July 1, 1905, | 160 00 |
| Medford Commissioners of Sinking Funds, sur- plus earnings of the Water Division for the year ending December 31, 1905 | 14,071 94 |
| Commonwealth of Massachusetts, interest on note of \$15,000, due July, 1905 | 300 00 |
| | <hr/> |
| | \$39,128 37 |
| Transferred to Metropolitan Water Tax account, | 28,631 54 |
| | <hr/> |
| | \$67,759 91 |
| By receipts, \$67,759 91. | |

CITY AUDITOR'S STATEMENT

FROM THE BEGINNING OF THE FINANCIAL YEAR, JANUARY 2, 1905, TO DECEMBER 31, 1905, INCLUSIVE.

| NAME OF ACCOUNT. | Appropriations, Balances, Assessments. | Transfers from other accounts. | Receipts. | Total amount credited. | Transfers to other accounts. | Expended to date. | Unexpended balances. |
|--|--|--------------------------------------|-----------|---------------------------|------------------------------------|----------------------|-------------------------|
| Aldermen's Contingent . . . App. | \$500 00 | | | \$500 00 | | \$477 54 | \$22 46 |
| Armory App. | 1,600 00 | | | 1,600 00 | | 2,000 00 | • |
| Bonds of City Officials (premiums), App. | 250 00 | | | 250 00 | | 200 00 | 44 00 |
| Claims | | \$2,303 91 | | 2,303 91 | | 2,303 91 | |
| City Hall App. | 3,000 00 | 335 00 | | 3,985 00 | | 3,932 17 | 2 83 |
| Decoration and Care of Soldiers' Graves App. | 300 00 | 35 00 | | 335 00 | | 335 00 | |
| Decoration of City Buildings | | 150 00 | | 150 00 | \$150 00 | | |
| Escaping Gas Investigation | | 75 00 | | 75 00 | | 74 28 | 72 |
| Gypsy and Brown-Tail Moths | 153 75 | | | | | | |
| | 10,000 00 | 1,750 00 | \$119 01 | 12,022 76 | | 16,791 46 | • |
| Hydrants and Standpipes | | 6,500 00 | | 6,500 00 | | 6,500 00 | |
| Income from Hoyle Fund | | | 6 00 | 6 00 | | 6 00 | |
| Interest App. | 58,000 00 | | 8,949 74 | 64,949 74 | | 63,207 12 | 1,742 62 |
| James Schoolhouse Addition App. | 28,000 00 | | | 28,000 00 | | 18,312 05 | 9,687 95 |
| Metropolitan Park Tax Warrant | 17,579 63 | | | 17,579 63 | | 17,579 63 | |
| Metropolitan Sewer Tax Warrant | 18,421 41 | | | 18,421 41 | | 18,421 41 | |
| Metropolitan Water Tax | | 28,631 54 | | 28,631 54 | | 28,631 54 | |
| Middlesex County Tax Warrant | 21,283 07 | | | 21,283 07 | | 21,283 07 | |
| Miscellaneous Account App. | 1,500 00 | | 52 50 | 1,552 50 | | 1,398 18 | 154 32 |
| Miscellaneous Credits App. | 7,500 00 | | 32,316 57 | 39,816 57 | 37,017 92 | 282 75 | 2,515 90 |
| Mystic Valley Improvement Bal. | 4,536 43 | | 129 05 | 4,665 48 | | 3,150 88 | 1,514 00 |
| Payment of City Debt App. | 2,000 00 | | 30,000 00 | 32,000 00 | | 31,000 00 | 1,000 00 |
| Playstead Road Extension | | | 3,710 57 | 3,710 57 | | 3,705 07 | 5 50 |
| Revision of Ordinances Bal. | 876 55 | | | 876 55 | | 170 40 | 706 15 |
| Salaries App. | 6,455 00 | | | 6,455 00 | | 6,446 04 | 8 36 |

| | | | | | | | |
|--|------------|--------|----------|------------|----------|------------|-----------|
| Sinking Funds App. | 67,437 05 | | 3,031 00 | 71,060 04 | | 71,060 04 | |
| Soldiers' Relief App. | 2,500 00 | 400 00 | 304 00 | 3,204 00 | | 3,138 02 | 65 38 |
| Spot Pond Suit Expenses . . . Bal. | 27,804 56 | | 1,919 65 | 29,724 21 | 6,500 00 | 10,852 34 | 12,371 87 |
| Spot Pond Water Fund . . . Bal. | 100,000 00 | | | 100,000 00 | | 100,000 00 | |
| State Tax Warrant | 25,920 00 | | | 25,920 00 | | 25,920 00 | |
| Street Lights App. | 20,099 04 | 240 00 | 608 50 | 20,956 54 | | 20,140 54 | 816 00 |
| Telephones (City Hall) . . . App. | 100 00 | | | 100 00 | | 146 08 | 13 92 |
| Tower Clock | | | 400 00 | 400 00 | | | 400 00 |
| 275th Anniversary App. | 2,000 00 | 275 00 | 54 00 | 2,329 00 | | 2,288 12 | 40 88 |
| <i>Assessing Department.</i> | | | | | | | |
| Salaries of Assessors and Clerk . App. | 2,650 00 | | | 2,650 00 | | 2,650 00 | |
| Assessors' Expenses App. | 1,200 00 | | | 1,200 00 | | 1,199 86 | 14 |
| <i>Auditing Department.</i> | | | | | | | |
| Salary of City Auditor App. | 1,200 00 | | | 1,200 00 | | 1,200 00 | |
| Expenses, Books, Printing, etc., . App. | 250 00 | | | 250 00 | | 221 01 | 28 99 |
| Printing Reports (Binding, etc.), . App. | 300 00 | | | 300 00 | 60 00 | 717 20 | 22 71 |
| <i>Cemetery Department.</i> | | | | | | | |
| Salaries of Trustees App. | 200 00 | | | 200 00 | | 195 25 | 4 75 |
| Care of Cemeteries App. | 3,800 00 | | 6,253 15 | 10,053 15 | 900 00 | 9,131 41 | 21 74 |
| <i>City Clerk's Department.</i> | | | | | | | |
| Salary of City Clerk App. | 1,500 00 | | | 1,500 00 | | 1,500 00 | |
| Expenses, including Assistant . App. | 1,000 00 | 80 00 | | 1,080 00 | | 1,088 35 | 15 |
| Canvassing Births (Return of Births and Deaths) App. | 300 00 | 11 70 | | 311 70 | | 311 70 | |
| Election Expenses App. | 2,800 00 | | | 2,800 00 | | 2,799 21 | 70 |
| State Aid App. | 300 00 | | 4,031 00 | 4,331 00 | 100 70 | 4,103 25 | 127 05 |
| <i>Collecting Department.</i> | | | | | | | |
| Salary of City Collector App. | 1,350 00 | | | 1,350 00 | | 1,350 00 | |
| Expenses, including Clerks . . . App. | 1,700 00 | | 85 | 1,700 85 | | 1,604 37 | 36 48 |
| Estates Bought at Sale for Taxes, . App. | 200 00 | | 204 74 | 404 74 | | 1,012 52 | * |

CITY AUDITOR'S STATEMENT—Continued.

| NAME OF ACCOUNT. | Appropriations, Balances, Assessments. | Transfers from other accounts. | Receipts. | Total amount credited. | Transfers to other accounts. | Expended to date. | Unexpended balances. |
|--|--|--------------------------------|-----------|------------------------|------------------------------|-------------------|----------------------|
| <i>Electrical Department.</i> | | | | | | | |
| Salary of Inspector of Wires App. | 200 00 | | | 200 00 | | 200 00 | |
| Electrical Department Expenses, App. | 25 00 | | | 25 00 | | 2 00 | 23 00 |
| <i>Engineering Department.</i> | | | | | | | |
| Engineering Dept. Expenses App. | 1,800 00 | | 225 37 | 2,025 37 | | 1,931 30 | 94 01 |
| <i>Fire Department.</i> | | | | | | | |
| Salaries of Engineers and Firemen, App. | 15,326 00 | | | 15,326 00 | 125 00 | 14,241 80 | 950 20 |
| Decoration of Firemen's Graves, App. | 50 00 | | | 50 00 | | 50 00 | |
| Hose 4 House | | 2,500 00 | | 2,500 00 | | 2,407 00 | 3 00 |
| New Hose App. | 300 00 | | 230 00 | 530 00 | | 530 00 | |
| Ordinary Expenses App. | 5,500 00 | | 325 02 | 5,825 02 | | 5,811 48 | 14 14 |
| Steam Fire Engine (repairs to) | | 2,000 00 | | 2,000 00 | | | 2,000 00 |
| Telephones App. | 270 00 | | | 270 00 | | 254 41 | 15 59 |
| <i>Health Department.</i> | | | | | | | |
| Salaries of Board of Health App. | 200 00 | | | 200 00 | | 200 00 | |
| Salary of Inspector of Plumbing, App. | 1,000 00 | | | 1,000 00 | | 1,000 00 | |
| Health Department Expenses, including Clerk App. | 1,150 00 | 557 70 | 37 00 | 1,744 70 | | 1,738 25 | 6 45 |
| Detention Hospital Bal. | 580 89 | | | 580 89 | | 527 75 | 53 14 |
| <i>Highway Department.</i> | | | | | | | |
| Salary of Street Commissioner App. | 1,000 00 | | | 1,000 00 | 1,460 70 | 103 22 | 36 02 |
| Ashes (Collection of) App. | 4,500 00 | | 18 00 | 4,518 00 | | 4,517 19 | 81 |
| Auburn Street and Bridge App. | 9,000 00 | | | 9,000 00 | | | 9,000 00 |
| Basins and Drain at Tainter St., | | 300 00 | 4 74 | 304 74 | | 304 74 | |

| | | | | | | | |
|--|----------|----------|-----------|-----------|--|-----------|----------|
| Bow Street | | 500 00 | | 500 00 | | 465 21 | 34 79 |
| Bridges App. | 200 00 | | | 200 00 | | 134 56 | 65 44 |
| Care of Trees App. | 300 00 | | | 300 00 | | 229 80 | 70 20 |
| City Stable Bal. | 6,613 28 | 1,200 00 | | 7,813 28 | | 7,547 06 | 265 32 |
| Collection of House Offal App. | 4,500 00 | | 1,410 67 | 5,918 67 | | 5,434 79 | 481 88 |
| Forest Street Widening | | 1,200 00 | | 1,200 00 | | | 1,200 00 |
| George Street Drain | | 1,075 00 | | 1,075 00 | | | 1,075 00 |
| General Repairs of Highways { Bal. | 813 05 | | 23,254 30 | 32,067 35 | | 31,175 75 | 891 60 |
| { App. | 8,000 00 | | | | | | |
| Governors Avenue Drain App. | 1,700 00 | | | 1,700 00 | | 316 71 | 1,383 29 |
| Guide Boards and Street Signs App. | 250 00 | | | 250 00 | | 155 18 | 94 82 |
| High Street { App. | 2,143 24 | | | 7,989 40 | | 7,989 40 | |
| { Bal. | 5,846 16 | | | | | | |
| High Street Widening App. | 2,300 00 | | | 2,300 00 | | 2,300 00 | |
| Paving Gutters App. | 500 00 | | | 500 00 | | 320 29 | 179 71 |
| Setting Out Trees App. | 250 00 | | | 250 00 | | 161 02 | 88 98 |
| Sidewalks and Edgestones, { Bal. | 2,246 60 | | 22 78 | 5,348 34 | | 2,052 20 | 3,296 05 |
| { App. | 3,000 00 | | | | | | |
| { Appor. | 78 96 | | | | | | |
| Snow (Removal of) App. | 2,000 00 | | 1,774 02 | 3,774 02 | | 2,912 05 | 861 97 |
| Street Numbering App. | 50 00 | | | 50 00 | | 32 46 | 17 54 |
| Usher Road Extension | | 1,152 25 | | 1,152 25 | | | 1,152 25 |
| Watering Streets { Bal. | 708 83 | | 75 00 | 8,031 92 | | 6,041 74 | 1,990 18 |
| { App. | 500 00 | | | | | | |
| { Assm't | 6,748 09 | | | | | | |
| Woburn Street District Drain Bal. | 3,650 00 | 200 00 | | 3,850 00 | | 3,850 00 | |
| <i>Inspection Department.</i> | | | | | | | |
| Salary of Inspector of Buildings, App. | 700 00 | | | 700 00 | | 700 00 | |
| Expenses of Inspection Dept. App. | 200 00 | 60 00 | | 260 00 | | 256 60 | 3 40 |
| <i>Milk and Vinegar.</i> | | | | | | | |
| Salary of Inspector App. | 100 00 | | | 100 00 | | 100 00 | |
| Expenses of Insp. of M. and V., App. | 25 00 | | | 25 00 | | 25 00 | |
| <i>Park Department.</i> | | | | | | | |
| Public Commons, including | | | 28 00 | 2,028 00 | | 2,017 66 | 10 34 |
| Planting Trees App. | 2,000 00 | | | | | | |

CITY AUDITOR'S STATEMENT—Continued.

| NAME OF ACCOUNT. | Appropriations, Balances, Assessments. | Transfers from other accounts. | Receipts. | Total amount credited. | Transfers to other accounts. | Expended to date. | Unexpended balances. |
|--|--|--------------------------------|-----------|------------------------|------------------------------|-------------------|----------------------|
| <i>Police Department.</i> | | | | | | | |
| Salaries of Policemen . . . App. | 20,300 00 | 730 00 | | 21,030 00 | | 21,028 00 | 2 00 |
| Badges (Junk Dealers) . . . | | 25 00 | | 25 00 | | 25 00 | |
| Special Police and Other Expenses App. | 3,800 00 | 1,130 00 | 155 00 | 5,085 00 | 1,230 00 | 3,830 07 | 15 93 |
| Signal Service App. | 3,500 00 | 500 00 | | 4,000 00 | | 4,000 00 | |
| <i>Public Library Department.</i> | | | | | | | |
| General Expenses (including Salaries and Janitor) . . . App. | 7,000 00 | | 2,149 87 | 9,149 87 | | 9,149 87 | 20 |
| Agencies (including Expressing), App. | 366 00 | | | 366 00 | | 366 00 | 1 00 |
| <i>Relief of Poor Department.</i> | | | | | | | |
| Salaries of Overseers and Sec. . . App. | 750 00 | | | 750 00 | | 750 00 | |
| Almshouse App. | 3,800 00 | 24 40 | 298 19 | 4,122 59 | | 4,122 59 | |
| Outside Relief App. | 4,000 00 | | 1,472 27 | 5,472 27 | 1,354 40 | 3,646 66 | 471 21 |
| <i>School Department.</i> | | | | | | | |
| Salaries of Committee and Sec., App. | 750 00 | | | 750 00 | | 750 00 | |
| Salary of Superintendent . . . App. | 2,800 00 | | | 2,800 00 | | 2,800 00 | |
| Salaries of Teachers App. | 78,835 00 | 550 00 | | 79,385 00 | | 79,347 27 | 37 73 |
| Stewardship App. | 8,200 00 | | | 8,200 00 | | 8,200 00 | |
| Contingent App. | 6,500 00 | 525 00 | 222 13 | 7,247 13 | | 7,246 79 | 34 |
| Evening School App. | 1,000 00 | | | 1,000 00 | | 998 57 | 1 43 |
| Fuel App. | 8,000 00 | | | 8,000 00 | | 7,997 85 | 2 15 |
| Text-Books and Supplies . . . App. | 6,500 00 | | | 6,500 00 | | 6,499 78 | 22 |
| Vacation School | | 150 00 | | 150 00 | | 150 00 | |
| Water App. | 750 00 | 275 00 | | 1,025 00 | | 1,024 90 | 40 |

| | | | | | | | |
|---|--------------|-------------|----------------|----------------|-------------|----------------|-------------|
| <i>Sealer of Weights and Measures.</i> | | | | | | | |
| Salary of Sealer App. | 150 00 | | | 150 00 | | 150 00 | |
| Expenses of Sealer App. | 125 00 | | | 125 00 | | 124 92 | 08 |
| <i>Treasury Department.</i> | | | | | | | |
| Salary of City Treasurer . . . App. | 1,650 00 | | | 1,650 00 | | 1,650 00 | |
| Treasury Department Expenses, App. | 250 00 | | | 250 00 | | 203 85 | 40 05 |
| <i>Water and Sewer Department.</i> | | | | | | | |
| Salaries of Commissioners . . App. | 150 00 | | | 150 00 | | 90 71 | 59 29 |
| Brooks and Streams Bal. | 980 03 | | 7 00 | 987 03 | | 921 00 | 65 43 |
| Sewer Construction { Appor., etc. | 9,589 89 | | | | | | |
| | 23,195 73 | | 1,020 48 | 33,312 10 | | 8,773 00 | 25,038 50 |
| Sewer Maintenance App. | 1,000 00 | | | 1,000 00 | | 854 79 | 145 21 |
| Water Maintenance | | | 07,759 91 | 07,759 91 | 28,031 54 | 39,128 37 | |
| Water Construction App. | 16,000 00 | | 1,507 06 | 17,507 06 | | 16,925 14 | 042 52 |
| | \$752,594 14 | \$55,459 50 | \$194,766 43 | \$1,002,820 07 | \$77,530 32 | \$848,711 56 | \$82,354 07 |
| Appropriations | | 22,070 82 | | | | | |
| Notes | | | 76,043 24 | | | | |
| Notes in Anticipation of Taxes, Overlay and Abatement | | | 360,000 00 | | | 400,000 00 | |
| Perpetual Care Fund | | | 1,500 00 | | | 1,500 00 | |
| City Collector — Sewer Apportionment, | | | 2,057 98 | | | | |
| City Collector — Sewer Assessments, | | | 2,013 07 | | | | |
| City Collector — Sewer Connections, | | | 4,831 17 | | | | |
| City Collector — Sidewalk Applications, | | | 102 48 | | | | |
| City Collector — Sidewalk Appor., | | | 142 84 | | | | |
| City Collector — Sidewalk Assessments, | | | 1,015 44 | | | | |
| City Collector — Tax Account . . | | | 458,450 95 | | | | |
| City Collector — Watering Assessment, | | | 6,942 02 | | | | |
| Cash in Treasury January 2, 1905, | | | 191,302 01 | | | | |
| Cash in Treasury January 1, 1906. | | | | | | 39,542 76 | |
| | | | \$1,289,768 23 | | | \$1,289,768 23 | |

* Excess: Armory, \$400.00; Gypsy and Brown-Tail Moths, \$4,768.70; Estates bought at Sale for Taxes, \$607.73. Total, \$5,776.48.

The foregoing accounts have been closed, with the exception of those which are to be carried forward into the new year as follows:

| BALANCES. | | |
|--|------------|------------|
| (OR ASSETS AND LIABILITIES.) | | |
| January 1, 1906. | | |
| | DR. | CR. |
| *Armory | \$400 00 | |
| *Gypsy and Brown-Tail Moths, | 4,768 70 | |
| ‡Mystic Valley Improvement, | | \$1,514 60 |
| ***Payment of City Debt | | 1,000 00 |
| †Revision of Ordinances | | 706 15 |
| Spot Pond Suit Expenses | | 12,371 87 |
| ††Tower Clock | | 400 00 |
| †James Schoolhouse Addition, | | 9,687 95 |
| †Steam Fire Engine | | 2,000 00 |
| ††Detention Hospital | | 53 14 |
| †Auburn Street and Bridge | | 9,000 00 |
| †City Stable | | 265 32 |
| ‡‡General Repairs of Highways, | | 891 60 |
| †Governors Avenue Drain | | 1,383 29 |
| **Sidewalks and Edgestones | | 3,296 05 |
| ‡‡Snow | | 861 97 |
| **Watering Streets | | 1,090 18 |
| †Usher Road Extension | | 1,152 25 |
| †Forest Street Widening | | 1,200 00 |
| †George Street Drain | | 1,075 00 |
| ‡Brooks and Streams | | 65 43 |
| ‡Sewer Construction | | 25,038 50 |
| †Water Construction | | 642 52 |
| City Treasurer, cash in treasury January 1, 1906 | 39,542 76 | |
| City Collector, Tax Account | 180,611 69 | |
| City Collector, Sewer Connections | 1,084 32 | |

EXPENDITURES.

219

| | | |
|--|----------------|----------------|
| City Collector, Sewer Assessments | | \$8,326 92 |
| City Collector, Sewer Apportionments | \$11,101 66 | |
| City Collector, Sidewalk Applications | 31 35 | |
| City Collector, Sidewalk Assessments | 496 64 | |
| City Collector, Sidewalk Apportionments | 143 08 | |
| City Collector, Watering Assessment | 2,883 20 | |
| Tax Sale Premium | | 100 00 |
| Excess and Deficiency | | 8,440 66 |
| Notes in Anticipation of Taxes, Appropriations | | 150,000 00 |
| | | 500 00 |
| Public Property | 1,134,450 00 | |
| Property and Debt Balance | 730,830 57 | |
| Bonds | | 1,545,000 00 |
| Notes | | 282,986 15 |
| Certificates of Indebtedness | | 37,294 42 |
| | \$2,106,343 97 | \$2,106,343 97 |

*The State is indebted to the City.

These credit balances were derived from —

†Notes. ‡Bonds. **Assessments, etc. ††Insurance. †††Street Railway Tax.

***A past due Sewerage Bond, outstanding.

The Treasurer's books will not agree with the books of this department inasmuch as certain items have been charged on the Auditor's books, but for various reasons the parties to whom the money is due have failed to collect the amounts before the close of the financial year. The list is as follows :

| | |
|---|----------|
| Frederick W. Gow, charged to Sewer Construction | \$125 00 |
| Frederick W. Gow, charged to Water Construction | 125 00 |
| Frank H. Riley, charged to ordinary expenses of fire department | 12 39 |
| Annie F. Etter, charged to special police, etc., | 11 25 |
| | <hr/> |
| | \$273 64 |

| | |
|--|----------|
| The Collector's account of sewer assessments and apportionments will differ from the Auditor's accounts by the amounts of sewer assessment schedule No. 93 | \$463 39 |
| and sewer assessment schedule No. 94 | 820 66 |

These amounts will appear on the books of this department in the work of the financial year of 1906.

The Collector has also credited the sewer assessment account with \$20.12 as sewer assessments apportioned. This amount although apportioned has not been officially reported at this office by the Water and Sewer Commissioners, but doubtless will be during the year 1906.

After the following changes have been made on the Auditor's books, the books of the Collector and Auditor will agree :

| | |
|--|--------|
| Charge Miscellaneous Credits (with costs) and credit City Collector, tax account | \$8 50 |
| Charge Interest and credit City Collector, tax account | 8 58 |
| Charge City Collector tax account and credit City Collector watering assessment | 2 50 |

Medford, February 17, 1906.

SEWER ASSESSMENT APPORTIONED.

| | Dr. | Cr. |
|---|------------|------------|
| The amount of apportionments to be committed by the Assessors to the City Collector for collection in future years, as reported on page 133 of the report dated Jan. 2, 1905, was | \$2,687 53 | |
| Apportioned since Jan. 2, 1905, Committed to Collector in 1905, | 1,138 26 | |
| Apportionments paid in advance from January 1, 1905, to January 1, 1906 | | \$1,560 13 |
| Balance to be committed in future years | | 614 45 |
| | | 1,651 21 |
| | <hr/> | <hr/> |
| | \$3,825 79 | \$3,825 79 |

SIDEWALK ASSESSMENTS APPORTIONED.

The balance now in the hands of the Assessors to be committed for collection in future years is \$389.15.

BILLS FOR COLLECTION.

All bills due the city from the various departments, excepting these for water rates, service pipes, taxes, street watering, care of lots, sewer assessments, connections and apportionments, sidewalk assessments, applications and apportionments, pass through this office and are registered, numbered and mailed to the parties designated, and a memorandum of the items is given to the City Collector.

The books of this department show the amount remaining uncollected January 1, 1906, to have been as follows:

| | |
|--|------------|
| For Sidewalks and Edgestones Accounts . . . | \$188 78 |
| For Almshouse | 50 21 |
| For Sewer Construction Account | 59 26 |
| For Miscellaneous Credit Account | 448 88 |
| For General Repairs of Highways | 1,164 28 |
| For Watering Streets | 2 97 |
| For Ordinary Expenses of Fire Department | 32 80 |
| For Gypsy and Brown-Tail Moth Account | 32 98 |
| For Engineering Department Expenses | 40 47 |
| For Sewer Maintenance | 1 13 |
| For Outside Relief | 253 33 |
| For Telephone, City Hall | 45 |
| For Spot Pond Suit Expenses | 209 53 |
| | <hr/> |
| | \$2,485 07 |

COUPONS UNPAID DECEMBER 31, 1905.

| | |
|--|----------|
| Water Fund Bonds, due July 1, 1905 | \$40 00 |
| Water Fund Bonds, due October 1, 1905 | 160 00 |
| Public Building Loan, due March 1, 1905 | 80 00 |
| Public Building Loan, due September 1, 1905, | 200 00 |
| Municipal Loan, due November 1, 1905 | 220 00 |
| Park Loan, due August 1, 1905 | 40 00 |
| City Stable Loan, due December 1, 1905 | 60 00 |
| Coupon Notes, due July 1, 1905 | 160 00 |
| | <hr/> |
| | \$960 00 |

THE
PRESENT INDEBTEDNESS
OF THE
CITY
IS AS FOLLOWS :

BONDS.
MEDFORD WATER FUND BONDS.

| DATE. | Issued under Chap. Acts of | | Due. | Rate | Numbered. | Interest payable. | Amount. | Total. |
|------------------|----------------------------|------|--------------|------|-----------|-------------------|--------------|--------------|
| | 201 | 1880 | | | | | | |
| July 1, 1800 . . | 201 | 1880 | July 1, 1910 | 4 | | Jan. 1 and July 1 | \$125,000 00 | \$125,000 00 |

CITY OF MEDFORD WATER FUND BONDS.

| | | | | | | | |
|------------------|----|------|--------------|---|---------|-------------------|------------|
| Jan. 1, 1804 . . | 08 | 1803 | Jan. 1, 1906 | 4 | 29-32 | Jan. 1 and July 1 | \$4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1907 | 4 | 33-36 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1908 | 4 | 37-40 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1909 | 4 | 41-44 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1910 | 4 | 45-48 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1911 | 4 | 49-52 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1912 | 4 | 53-56 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1913 | 4 | 57-60 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1914 | 4 | 61-64 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1915 | 4 | 65-68 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1916 | 4 | 69-72 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1917 | 4 | 73-76 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1918 | 4 | 77-80 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1919 | 4 | 81-84 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1920 | 4 | 85-88 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1921 | 4 | 89-92 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1922 | 4 | 93-96 | " 1 " 1 | 4,000 00 |
| " 1, 1804 . . | 08 | 1803 | " 1, 1923 | 4 | 97-100 | " 1 " 1 | 4,000 00 |
| Oct. 1, 1804 . . | 08 | 1803 | Oct. 1, 1914 | 4 | 101-125 | Apr. 1 and Oct. 1 | 25,000 00 |
| " 1, 1904 . . | 08 | 1803 | " 1, 1910 | 4 | 126-150 | " 1 " 1 | 25,000 00 |
| Dec. 1, 1804 . . | 08 | 1803 | Dec. 1, 1922 | 4 | 151-195 | June 1 and Dec. 1 | 45,000 00 |

| | | | | | | | |
|--------------------|----|------|--------------|---|---------|-------------------|--------------|
| July 1, 1895 . . . | 98 | 1893 | July 1, 1916 | 4 | 106-201 | Jan. 1 and July 1 | 6,000 00 |
| " 1, 1895 . . . | 98 | 1893 | " 1, 1917 | 4 | 202-207 | " 1 " 1 | 6,000 00 |
| " 1, 1895 . . . | 98 | 1893 | " 1, 1918 | 4 | 208-218 | " 1 " 1 | 11,000 00 |
| " 1, 1895 . . . | 98 | 1893 | " 1, 1920 | 4 | 210-233 | " 1 " 1 | 15,000 00 |
| " 1, 1895 . . . | 98 | 1893 | " 1, 1921 | 4 | 234-248 | " 1 " 1 | 15,000 00 |
| " 1, 1895 . . . | 98 | 1893 | " 1, 1923 | 4 | 240-258 | " 1 " 1 | 10,000 00 |
| " 1, 1896 . . . | 98 | 1893 | " 1, 1923 | 4 | 259-284 | " 1 " 1 | 26,000 00 |
| " 1, 1897 . . . | 98 | 1893 | " 1, 1923 | 4 | 285-300 | " 1 " 1 | 16,000 00 |
| | | | | | | | 272,000 00 |
| Total water debt, | | | | | | | \$397,000 00 |

MEDFORD PUBLIC BUILDING LOAN.

| | | | | | | | |
|--------------------|-----|------|--------------|---|---------|--------------------|--------------|
| July 1, 1893 . . . | 107 | 1893 | July 1, 1913 | 4 | 1-30 | Jan. 1 and July 1 | \$30,000 00 |
| " 1, 1893 . . . | 107 | 1893 | " 1, 1913 | 4 | 31-45 | " 1 " 1 | 15,000 00 |
| Nov. 1, 1894 . . . | 167 | 1893 | Nov. 1, 1914 | 4 | 46-101 | May 1 and Nov. 1 | 56,000 00 |
| July 1, 1895 . . . | 167 | 1893 | July 1, 1907 | 4 | 130-133 | Jan. 1 and July 1 | 4,000 00 |
| " 1, 1895 . . . | 167 | 1893 | " 1, 1908 | 4 | 134-154 | " 1 " 1 | 21,000 00 |
| " 1, 1895 . . . | 167 | 1893 | " 1, 1909 | 4 | 155-180 | " 1 " 1 | 26,000 00 |
| " 1, 1895 . . . | 167 | 1893 | " 1, 1911 | 4 | 181-206 | " 1 " 1 | 26,000 00 |
| " 1, 1895 . . . | 167 | 1893 | " 1, 1912 | 4 | 207-232 | " 1 " 1 | 26,000 00 |
| " 1, 1895 . . . | 167 | 1893 | " 1, 1915 | 4 | 233-250 | " 1 " 1 | 18,000 00 |
| Aug. 1, 1898 . . . | 221 | 1898 | Aug. 1, 1918 | 4 | 251-340 | Feb. 1 and Aug. 1 | 90,000 00 |
| Mar. 1, 1899 . . . | 221 | 1898 | Mar. 1, 1919 | 4 | 341-375 | Mar. 1 and Sept. 1 | 35,000 00 |
| Total | | | | | | | \$347,000 00 |

CITY OF MEDFORD LINCOLN SCHOOLHOUSE LOAN. (WITHIN DEBT LIMIT.)

| | | | | | | | | |
|-------------------|----|-----------------|-------------|---|------|------------------|-------------|-----------|
| May 1, 1903 . . . | 27 | Revised Laws | May 1, 1922 | 4 | 1-45 | May 1 and Nov. 1 | \$45,000 00 | 45,000 00 |
|-------------------|----|-----------------|-------------|---|------|------------------|-------------|-----------|

MEDFORD SEWERAGE LOAN.

| DATE. | Issued under Chap. Acts of | | Due. | Rate | Numbered. | Interest payable. | Amount. | Total. |
|--------------------|-------------------------------|------|--------------|------|-----------|-------------------|------------|--------------|
| July 2, 1894 . . . | 180 | 1893 | July 1, 1905 | 4 | 19 | Jan. 1 and July 1 | \$1,000 00 | |
| " 2, 1894 . . . | 180 | 1893 | " 1, 1906 | 4 | 21-32 | " 1 " 1 | 12,000 00 | |
| " 2, 1894 . . . | 180 | 1893 | " 1, 1907 | 4 | 33-44 | " 1 " 1 | 12,000 00 | |
| " 2, 1894 . . . | 180 | 1893 | " 1, 1915 | 4 | 45-54 | " 1 " 1 | 10,000 00 | |
| " 2, 1894 . . . | 180 | 1893 | " 1, 1924 | 4 | 55-64 | " 1 " 1 | 10,000 00 | |
| Oct. 1, 1894 . . . | 180 | 1893 | Oct. 1, 1906 | 4 | 75-84 | Apr. 1 and Oct. 1 | 10,000 00 | |
| " 1, 1894 . . . | 180 | 1893 | " 1, 1915 | 4 | 85-94 | " 1 " 1 | 10,000 00 | |
| " 1, 1894 . . . | 180 | 1893 | " 1, 1924 | 4 | 95-104 | " 1 " 1 | 10,000 00 | |
| Aug. 1, 1895 . . . | 180 | 1893 | Aug. 1, 1916 | 4 | 105-124 | Feb. 1 and Aug. 1 | 20,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1917 | 4 | 125-144 | " 1 " 1 | 20,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1918 | 4 | 145-164 | " 1 " 1 | 20,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1919 | 4 | 165-184 | " 1 " 1 | 20,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1920 | 4 | 185-200 | " 1 " 1 | 25,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1921 | 4 | 210-234 | " 1 " 1 | 25,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1922 | 4 | 235-259 | " 1 " 1 | 25,000 00 | |
| " 1, 1895 . . . | 180 | 1893 | " 1, 1923 | 4 | 260-289 | " 1 " 1 | 30,000 00 | |
| July 1, 1896 . . . | 180 | 1893 | July 1, 1925 | 4 | 290-309 | Jan. 1 and July 1 | 20,000 00 | |
| " 1, 1896 . . . | 180 | 1893 | " 1, 1926 | 4 | 310-350 | " 1 " 1 | 41,000 00 | |
| Total . . . | | | | | | | | \$321,000 00 |

CITY OF MEDFORD MUNICIPAL LOAN. (WITHIN DEBT LIMIT.)

| | | | | | | | | |
|--|-----|------|--------------|---|---------|-------------------|--------------|------------|
| May 1, 1897 . . . | 212 | 1897 | May 1, 1917 | 4 | 1-200 | May 1 and Nov. 1 | \$200,000 00 | |
| Jan. 1, 1898 . . . | 212 | 1897 | Jan. 1, 1918 | 4 | 201-300 | Jan. 1 and July 1 | 100,000 00 | |
| Total . . . | | | | | | | | 300,000 00 |
| Amount authorized by Chapter 212, Acts of 1897, \$300,000. | | | | | | | | |

MEDFORD PARK LOAN.

| | | | | | | | | |
|------------------|-----|------|--------------|---|-------|-------------------|-------------|-----------|
| Feb. 1, 1900 . . | 176 | 1898 | Feb. 1, 1930 | 4 | 1-50 | Feb. 1 and Aug. 1 | \$50,000 00 | |
| July 1, 1902 . . | 338 | 1902 | July 1, 1932 | 4 | 51-70 | Jan. 1 and July 1 | 20,000 00 | |
| | | | | | | | | 70,000 00 |

CITY OF MEDFORD PUBLIC PLAYGROUND LOAN.

| | | | | | | | | |
|------------------|-----|-----------------|--------------|---|-------|-------------------|-------------|-----------|
| Dec. 1, 1904 . . | 225 | 1893 | Dec. 1, 1914 | 4 | 8-21 | June 1 and Dec. 1 | \$14,000 00 | |
| May 1, 1903 . . | 28 | Revised Laws | May 1, 1932 | 4 | 22-30 | May 1 and Nov. 1 | 9,000 00 | |
| | | | | | | | | 23,000 00 |

CITY OF MEDFORD METROPOLITAN PARK ASSESSMENT LOAN.

| | | | | | | | | |
|------------------|-----|------|--------------|---|------|------------------|-------------|-----------|
| Nov. 1, 1902 . . | 325 | 1902 | Nov. 1, 1932 | 4 | 1-27 | May 1 and Nov. 1 | \$27,000 00 | 27,000 00 |
| | | | | | | | | |

CITY OF MEDFORD CITY STABLE LOAN. (WITHIN DEBT LIMIT.)

| | | | | | | | | |
|------------------|----|-----------------|--------------|---|------|-------------------|-------------|-----------|
| June 1, 1904 . . | 27 | Revised Laws | June 1, 1924 | 4 | 1-15 | June 1 and Dec. 1 | \$15,000 00 | 15,000 00 |
| | | | | | | | | |

The total amount of Bonds outstanding January 1, 1900, is \$1,545,000 00

MATURITY OF BONDS.

| Date of Maturity. | Water. | Public Building. | Municipal. | Sewerage. | Park. | Play-ground. | Lincoln School-house. | Métropolitan Park Assessment. | City Stable. | Total Each Year. |
|-------------------|-----------|------------------|------------|-----------|----------|--------------|-----------------------|-------------------------------|--------------|------------------|
| 1905 | | | | \$1,000 | | | | | | \$1,000 |
| 1906 | \$4,000 | | | 22,000 | | | | | | 26,000 |
| 1907 | 4,000 | \$4,000 | | 12,000 | | | | | | 20,000 |
| 1908 | 4,000 | 21,000 | | | | | | | | 25,000 |
| 1909 | 4,000 | 20,000 | | | | | | | | 30,000 |
| 1910 | 120,000 | | | | | | | | | 120,000 |
| 1911 | 4,000 | 20,000 | | | | | | | | 30,000 |
| 1912 | 4,000 | 26,000 | | | | | | | | 30,000 |
| 1913 | 4,000 | 45,000 | | | | | | | | 49,000 |
| 1914 | 20,000 | 56,000 | | | | \$14,000 | | | | 90,000 |
| 1915 | 4,000 | 18,000 | | 20,000 | | | | | | 42,000 |
| 1916 | 10,000 | | | 20,000 | | | | | | 30,000 |
| 1917 | 10,000 | | \$200,000 | 20,000 | | | | | | 230,000 |
| 1918 | 15,000 | 90,000 | 100,000 | 20,000 | | | | | | 225,000 |
| 1919 | 20,000 | 35,000 | | 20,000 | | | | | | 84,000 |
| 1920 | 10,000 | | | 25,000 | | | | | | 44,000 |
| 1921 | 10,000 | | | 25,000 | | | | | | 44,000 |
| 1922 | 40,000 | | | 25,000 | | | \$45,000 | | | 110,000 |
| 1923 | 56,000 | | | 30,000 | | | | | | 86,000 |
| 1924 | | | | 20,000 | | | | | \$15,000 | 35,000 |
| 1925 | | | | 20,000 | | | | | | 20,000 |
| 1926 | | | | 41,000 | | | | | | 41,000 |
| 1930 | | | | | \$50,000 | | | | | 50,000 |
| 1932 | | | | | 20,000 | 0,000 | | \$27,000 | | 56,000 |
| Totals, | \$897,000 | \$847,000 | \$300,000 | \$321,000 | \$70,000 | \$23,000 | \$45,000 | \$27,000 | \$15,000 | \$1,545,000 |

SINKING FUNDS.

See report of Commissioners of Sinking Funds, dated January 10, 1906.

| | | |
|--|--------------|--------------|
| Water Loan Sinking Fund (including \$54,000 in notes issued for water purposes) | | \$312,470 87 |
| Public Building Loan Sinking Fund (Bonds) | \$175,704 82 | |
| Public Building Loan Sinking Fund (Note for \$18,000, due October 16, 1909) | 12,180 83 | |
| | | 187,981 65 |
| Sewerage Loan Sinking Fund | | 118,209 93 |
| Park Loan Sinking Fund | | 19,500 08 |
| Public Playground Loan Sinking Fund | | 8,380 60 |
| Metropolitan Park Assessment Loan | | 5,054 32 |
| Lincoln Schoolhouse Loan | | 5,400 95 |
| City Stable Loan | | 1,911 54 |
| Municipal Loan Sinking Fund (including notes for \$24,500, due 1910) | | 141,464 70 |
| Oak Grove Cemetery Extension (Note for \$18,000, due 1913) | | 5,559 88 |
| Schoolhouse Sewer Connections (Note for \$12,500, due 1913) | | 2,312 84 |
| Notes for \$45,000, due 1908 | | 30,447 43 |
| Coupon Notes amounting to \$94,743.24, also Note for \$4,000, due 1913 | | 8,993 27 |
| Coupon Notes amounting to \$7,500, dated January 1, 1906, due January 1, 1916 | | 0 00 |
| Certificates of Indebtedness (due 1912), Trust Funds and a part of the Perpetual Care Fund | | 13,736 63 |
| | | \$802,108 07 |

The Hoyle Fund of \$300 is deposited with the Commissioners of Sinking Funds for Investment. The accumulation of the Perpetual Care Fund since February 1, 1901 (\$6,925) has been paid to the Commissioners of Sinking Funds for investment. It now amounts to \$7,179.86.

NOTES.—(SECURED BY SINKING FUNDS.)

| DATE. | To Whom Issued. | Due. | Rate. | Purpose. | Amount. | Total. | |
|---------------|--|---------------|-------|-----------|-------------|--------|--------------|
| Dec. 15, 1898 | Estabrook & Co. | Dec. 15, 1908 | 4 | Municipal | \$25,000 00 | | |
| Dec. 15, 1898 | Estabrook & Co. | Dec. 15, 1908 | 4 | " | 10,000 00 | | |
| Dec. 15, 1898 | Estabrook & Co. | Dec. 15, 1908 | 4 | " | 10,000 00 | | |
| Oct. 10, 1899 | Commonwealth of Massachusetts | Oct. 10, 1909 | 4 | " | 18,000 00 | | |
| Dec. 1, 1900 | Estabrook & Co. | Dec. 1, 1910 | 3½ | " | 6,500 00 | | |
| Dec. 1, 1900 | Estabrook & Co. | Dec. 1, 1910 | 3½ | " | 18,000 00 | | |
| Jan. 1, 1903 | Commonwealth of Massachusetts | Jan. 1, 1913 | 4 | " | 18,000 00 | | |
| July 15, 1903 | Order of City Treasurer | July 15, 1913 | 4 | " | 12,500 00 | | |
| Dec. 1, 1903 | Commissioners of Sinking Funds | Dec. 1, 1913 | 4 | " | 4,000 00 | | |
| Jan. 1, 1903 | Commonwealth of Massachusetts | Jan. 1, 1923 | 4 | Water | 15,000 00 | | |
| Jan. 1, 1904 | Commissioners of Sinking Funds | Jan. 1, 1924 | 4 | Water | 15,000 00 | | |
| | | | | | | | \$152,000 00 |

COUPON NOTES.—(SECURED BY SINKING FUNDS.)

| DATE. | To Whom Issued. | Due. | Rate. | Numbered. | Amount. |
|--------------|---------------------------------------|--------------|-------|-----------|-------------|
| Dec. 1, 1904 | Payable to Bearer Municipal | Dec. 1, 1914 | 4 | 1 | \$17,500 00 |
| Dec. 1, 1904 | " " " " | Dec. 1, 1913 | 4 | 2 | 3,450 00 |
| Dec. 1, 1904 | " " " " | Dec. 1, 1914 | 4 | 3 to 14 | 12,000 00 |
| Dec. 1, 1904 | " " " " | Dec. 1, 1914 | 4 | 15 | 6,500 00 |
| Jan. 2, 1905 | " " " Water | Jan. 1, 1925 | 4 | 16 | 8,000 00 |
| Jan. 2, 1905 | " " " Municipal | Jan. 1, 1915 | 4 | 17 | 3,650 00 |
| July 1, 1905 | " " " " | July 1, 1915 | 4 | 18 | 5,643 24 |
| July 1, 1905 | " " " " | July 1, 1915 | 4 | 19 | 20,000 00 |
| July 1, 1905 | " " " " | July 1, 1915 | 4 | 20 | 8,000 00 |
| Dec. 1, 1905 | " " " " | Dec. 1, 1915 | 4 | 21 | 5,000 00 |

| | | | | | | | | | | |
|--------------|---|---|---|---|---|-----------|--------------|---|----|------------|
| Dec. 1, 1905 | " | " | " | . | . | " | Dec. 1, 1915 | 4 | 22 | 2,300 00 |
| Dec. 1, 1905 | " | " | " | . | . | " | Dec. 1, 1915 | 4 | 23 | 1,700 00 |
| Dec. 1, 1905 | " | " | " | . | . | " | Dec. 1, 1915 | 4 | 24 | 9,000 00 |
| Dec. 1, 1905 | " | " | " | . | . | Water | Dec. 1, 1925 | 4 | 25 | 10,000 00 |
| Dec. 1, 1905 | " | " | " | . | . | Water | Dec. 1, 1925 | 4 | 26 | 6,000 00 |
| Jan. 1, 1906 | " | " | " | . | . | Municipal | Jan. 1, 1916 | 4 | 27 | 5,000 00 |
| Jan. 1, 1906 | " | " | " | . | . | Municipal | Jan. 1, 1916 | 4 | 28 | 2,500 00 |
| | | | | | | | | | | 126,248 24 |

NOTES.—(UNSECURED BY SINKING FUNDS.)

| DATE. | | Due. | Rate. | Amount. | Total. |
|----------------|---|----------------|-------------|------------|------------|
| June 1, 1903 | To Order of Parker R. Litchfield, City Treas. | June 1, 1906 | 4 per cent. | \$2,000 00 | |
| Sept. 27, 1905 | To Order of Parker R. Litchfield, City Treas. | Sept. 27, 1906 | 4 " " | 1,500 00 | |
| June 1, 1903 | To Order of Parker R. Litchfield, City Treas. | June 1, 1907 | 4 " " | 1,242 01 | \$4,742 01 |

NOTES IN ANTICIPATION OF TAXES.

| DATE. | | Due. | Rate. | Amount. | Total. |
|--------------|---|--------------|----------------|-------------|--------|
| Aug. 9, 1905 | To Order of Parker R. Litchfield, City Treas. | Feb. 1, 1906 | Discount. | | |
| Aug. 9, 1905 | " " " " | Feb. 1, 1906 | 3.65 per cent. | \$25,000 00 | |
| Aug. 9, 1905 | " " " " | Feb. 1, 1906 | 3.65 " " | 10,000 00 | |
| Aug. 9, 1905 | " " " " | Feb. 1, 1906 | 3.65 " " | 10,000 00 | |
| Aug. 9, 1905 | " " " " | Feb. 1, 1906 | 3.65 " " | 5,000 00 | |

NOTES IN ANTICIPATION OF TAXES—*Continued.*

| DATE. | | Due. | Rate. | Amount. | Total. |
|--------------|---|--------------|----------------|-------------|--------------|
| | | | Discount. | | |
| Dec. 5, 1905 | To Order of Parker R. Litchfield, City Treas. | June 5, 1906 | 4.48 per cent. | \$15,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 15,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 15,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 15,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 10,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 10,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 10,000 00 | |
| Dec. 5, 1905 | " " " | June 5, 1906 | 4.48 " " | 10,000 00 | |
| | | | | | \$150,000 00 |

(CERTIFICATES OF INDEBTEDNESS.—SECURED BY SINKING FUNDS.)

| DATE. | City Indebted to. | Due. | Rate. | Amount. | Total. |
|--------------|---|--------------|-------------|-------------|-------------|
| Feb. 1, 1902 | Perpetual Care Fund (as it was Jan. 31, 1901) | Feb. 1, 1912 | 4 per cent. | \$22,185 00 | |
| Feb. 1, 1902 | Lucy Osgood Fund | Feb. 1, 1912 | 4 " " | 2,000 42 | |
| Feb. 1, 1902 | Thomas and Rebecca Seccomb Fund | Feb. 1, 1912 | 4 " " | 5,800 00 | |
| Feb. 1, 1902 | Dudley Hall Church Fund | Feb. 1, 1912 | 4 " " | 5,000 00 | |
| Feb. 1, 1902 | Pamelia Simonds Fund | Feb. 1, 1912 | 4 " " | 1,300 00 | |
| Feb. 1, 1902 | Adeline A. Munroe Fund | Feb. 1, 1912 | 4 " " | 500 00 | |
| Feb. 1, 1902 | Turell Tufts Funds | Feb. 1, 1912 | 4 " " | 500 00 | |
| | | | | | \$37,204 42 |

On January 11, 1906, the above-mentioned certificates were in the custody of the City Treasurer.

GEORGE D. CUMMINGS, City Auditor.

On February 19, 1904, the City received from the estate of Kate L. S. Hoyle a bequest of \$300 for care of the Drinking Fountain at the corner of Spring and Salem Streets. This amount has been paid to the Commissioners of the Sinking Funds for investment.

There is also a fund known as the Bradbury Fund, amounting to \$11,252.00. This is invested in the Medford Savings Bank, and is not included in estimating the City's indebtedness.

**INCREASE IN DEBT FOR THE YEAR ENDING DECEMBER 31,
1905.**

Coupon notes numbered 18 to 28 inclusive and issued for the following purposes :

| | | |
|--|-------------------|-------------------|
| Signal Service Police Department, | \$3,500 00 | |
| High Street | 2,143 24 | |
| | <u> </u> | \$5,643 24 |
| James Schoolhouse | | 28,000 00 |
| Gypsy and Brown-Tail Moths | | 5,000 00 |
| High Street Widening | | 2,300 00 |
| Governors Avenue Drain | | 1,700 00 |
| Auburn Street and Bridge | | 9,000 00 |
| Water Construction | | 16,000 00 |
| Usher Road Extension | \$1,100 00 | |
| City Stable | 1,200 00 | |
| George Street Drain | 1,000 00 | |
| Basins and Drain at Tainter Street, | 300 00 | |
| Forest Street Widening | 1,200 00 | |
| Woburn Street District Drain | 200 00 | |
| | <u> </u> | 5,000 00 |
| Steam Fire Engine (repairs to) | \$2,000 00 | |
| Bow Street | 500 00 | |
| | <u> </u> | 2,500 00 |
| Also a note (not coupon) due Sept. 27, 1906, on account of Gypsy and Brown-Tail Moths | | 1,500 00 |
| | | <u> </u> |
| | | \$76,643 24 |

DECREASE IN DEBT.

| | | |
|---|-------------------|-------------------|
| Paid note due June 1, 1905 | \$2,000 00 | |
| Paid Sewerage Loan Bonds due July 1, 1905 | 19,000 00 | |
| Paid Sewerage Loan Bonds due Octo- ber 1, 1905 | 10,000 00 | |
| | <u> </u> | 31,000 00 |
| Net increase in gross debt to Dec. 31, 1905 | | <u> </u> |
| | | \$45,643 24 |

RECAPITULATION OF THE DEBT.

| | |
|---|----------------|
| Total amount of Bonds outstanding | \$1,545,000 00 |
| Total amount of Notes outstanding | 282,986 15 |
| Total amount of Certificates of Indebtedness outstanding | 37,294 42 |
| | <hr/> |
| | \$1,865,280 57 |
| Total amount of Sinking Funds | 869,282 93 |
| | <hr/> |
| Net debt for which bonds or notes have been issued | \$995,997 64 |

VALUATION AND LIMIT OF TAXATION.

| | |
|--|--------------------|
| The net valuation of the City of Medford for 1905 was | \$21,086,850 12 |
| | <hr/> |
| | 42173700 |
| | 21086850 |
| | <hr/> |
| Assessed at \$12 per \$1,000 gives | \$253,042.20 |

And in accordance with Chapter 12, Section 54, of the Revised Laws, this is the legal limit of taxation for municipal purposes for 1906 outside of the sinking fund requirements, interest on the debt, and the State and county tax, unless advantage is taken of the provision that the City Council may determine that the average valuation for the preceding three years shall be used, in which case the legal limit will be as follows:

| | |
|--|----------------|
| Net valuation, City of Medford, 1903 | \$20,742,900 |
| Net valuation, City of Medford, 1904 | 20,987,850 |
| Net valuation, City of Medford, 1905 | 21,086,850 |
| | <hr/> |
| | 3)\$62,817.600 |
| | <hr/> |

| | |
|--|--------------|
| Average net valuation for 1903, 1904 and | |
| 1905 | \$20,939,200 |
| | 12 |
| | <hr/> |
| | 41878400 |
| | 20939200 |
| | <hr/> |
| Assessed at \$12 per \$1,000 gives | \$250,270.40 |

BORROWING CAPACITY.

Section 3 of Chapter 27 of the Revised Laws limits the indebtedness to 2½ per cent. of the average valuation for the three preceding years.

Two and one-half per cent. of \$20,939,200, which is the average net valuation for the years 1903, 1904 and 1905, is \$523,480 00

\$1,185,000 of the bonded indebtedness and \$54,000 in the form of notes issued for water purposes is not to be considered or reckoned in determining the authorized limit of indebtedness of the City of Medford.

| | |
|--|--------------|
| The Certificates of Indebtedness are within the debt limit and amount to | \$37,294 42 |
| The Municipal Loan | 300,000 00 |
| The Lincoln Schoolhouse Loan | 45,000 00 |
| The City Stable Loan | 15,000 00 |
| Coupon notes | \$94,743 24 |
| Coupon notes | 7,500 00 |
| | <hr/> |
| | 102,243 24 |
| Notes Secured by Sinking Funds | 122,000 00 |
| Notes Unsecured by Sinking Funds | 4,742 91 |
| | <hr/> |
| | \$626,280 57 |

Deduct sinking funds as follows :

| | |
|--|--------------|
| On Municipal Loan and notes | |
| for \$24,500, due 1910 | \$141,464 70 |
| On certificates of indebtedness, | 13,736 63 |

| | | |
|---|-------------|--------------|
| On notes for \$45,000, due 1908, | \$30,447 43 | |
| On notes for \$18,000, due 1909, | 12,186 83 | |
| On notes for \$30,500, due 1913, | 7,872 72 | |
| Lincoln Schoolhouse Loan | 5,460 95 | |
| City Stable Loan | 1,911 54 | |
| Coupon notes amounting to \$102,243 24 and a note of \$4,000, due 1930, but not in- cluding Nos. 16, 25 and 26, for \$24,000 issued for water purposes | 8,993 27 | |
| | <hr/> | \$222,074 07 |
| | | <hr/> |
| | | \$404,206 50 |
| Borrowing capacity Jan. 1, 1906, | | 119,273 50 |
| | | <hr/> |
| | | \$523,480 00 |

PUBLIC PROPERTY.

ASSESSORS' VALUATION, MAY 1, 1905.

(REAL ESTATE.)

Ward 1.

| | |
|--|-------------|
| Franklin Schoolhouse | \$55,000 00 |
| 38,762 feet land, Central avenue | 7,750 00 |
| 58,952 feet land, Logan Grove | 11,800 00 |
| | <hr/> |
| Total of Ward 1 | \$74,550 00 |

Ward 2.

| | |
|---|-------------|
| Brick Hose house (No. 3) | \$12,000 00 |
| 10,532 feet land, Salem street | 4,200 00 |
| Curtis Schoolhouse | 5,000 00 |
| 26,545 feet land, Paris street | 4,500 00 |
| 6,075 feet land, lot 1 Winslow avenue | 50 00 |

| | |
|--|---------------------|
| 5,723 feet land, lot 2 Arlington street, cor. Winslow avenue | \$50 00 |
| 4,658 feet land, lot 3 Arlington Street | 50 00 |
| 4,794 feet land, lot 14 Arlington street, cor. Winslow avenue | 50 00 |
| 5,632 feet land, lot 40 Rand street | 25 00 |
| 5,492 feet land, lot 39 Rand street | 25 00 |
| 4,048 feet land, lot 36 Rand street | 25 00 |
| 3,942 feet land, lot 35 Rand street | 25 00 |
| 3,837 feet land, lot 34 Rand street | 25 00 |
| 3,792 feet land, lot 33 Rand street | 25 00 |
| 3,500 feet land, lot 8 Crie Plan, Sawyer street, | 50 00 |
| 3,500 feet land, lot 7 Crie Plan, Sawyer street, | 50 00 |
| 3,500 feet land, lot 6 Crie Plan, Sawyer street, cor. Bowen | 50 00 |
| 14,120 feet land, lot 8 Dell avenue | 550 00 |
| 13,660 feet land, lot 9 Dell avenue | 550 00 |
| 19,750 feet land, lot 7 Dell avenue | 800 00 |
| Washington Schoolhouse | 45,000 00 |
| 56,520 feet land, Washington street, cor. Cross street | 22,600 00 |
| Swan Schoolhouse | 8,000 00 |
| 25,423 feet land, Park street, cor. Washington street | 12,700 00 |
| 56,758 feet land, Magoun Park | 15,900 00 |
| Total of Ward 2 | <u>\$132,300 00</u> |

Ward 3.

| | |
|---|-------------|
| 36,040 feet land, Salem Street Cemetery | \$14,400 00 |
| 119,950 feet land, Public Common, Salem street, | 36,000 00 |
| Everett Schoolhouse | 8,000 00 |
| 10,155 feet land, Salem street | 3,050 00 |
| About 48,400 feet land, Cross Street Cemetery, | 7,250 00 |
| Pest House | 1,500 00 |
| Brick Engine House | 3,000 00 |

| | |
|--|---------------------|
| Stand Pipe | \$2,000 00 |
| Dwelling House (Tay House) | 400 00 |
| 156.74 A. Forest street to Metropolitan Water Taking | 47,000 00 |
| High School Building | 150,000 00 |
| 126,013 feet land, lots A and B Forest street | 44,100 00 |
| 22,600 feet land, Governors avenue, cor. High street | 6,800 00 |
| Centre Schoolhouse | 25,000 00 |
| 30,112 feet land, High Street to Grand View avenue | 10,550 00 |
| Public Library | 20,000 00 |
| 16,450 feet land, High street | 4,950 00 |
| Brooks Schoolhouse | 68,000 00 |
| 83,960 feet land, High street, cor. Allston street, City Hall | 21,000 00 |
| 4,270 feet land | 8,000 00 |
| 58,000 feet land, Hastings Heights | 12,800 00 |
| Almshouse | 14,500 00 |
| Stable | 25,000 00 |
| Piggery, tool and tramp house | 1,000 00 |
| Stone crusher and building | 700 00 |
| 16.49 A. land, Winthrop street | 1,000 00 |
| Pest House | 8,250 00 |
| 7.61 A. land, rear of Winthrop street | 500 00 |
| 33.34 A. land, Oak Grove Cemetery, Winthrop street | 2,300 00 |
| Dwelling house No. 272 Playstead road | 100,000 00 |
| Stable and sheds | 4,000 00 |
| 3.65 A. land, lot 1 Playstead road | 300 00 |
| Dwelling house in rear of Playstead road | 3,200 00 |
| 3.66 A. lot 2 in rear of Playstead road | 600 00 |
| 3.47 A. lot 3 in rear of Playstead road | 3,200 00 |
| 3.48 A. lot 4 Playstead road | 3,000 00 |
| .97 A. Proposed street off Playstead road | 3,050 00 |
| | 850 00 |
| Total of Ward 3 | \$665,250 00 |

Ward 4.

| | |
|---|--------------|
| Engine, Hook and Ladder and Hose House | \$20,000 00 |
| 10,480 feet land, Main street, cor. South street, | 8,400 00 |
| 21,600 feet land, Brooks Park | 5,400 00 |
| Police Station | 25,000 00 |
| 9,046 feet land, Main street, cor. Swan street . | 6,800 00 |
| Water Works Building | 12,000 00 |
| 76,070 feet land, Swan street, cor. James street, | 7,600 00 |
| Highway stables and out buildings | 18,000 00 |
| 105,000 feet land, James street | 5,250 00 |
| Cradock Schoolhouse | 10,000 00 |
| 26,690 feet land, Summer street | 4,250 00 |
| Cummings Schoolhouse | 4,500 00 |
| 19,810 feet land, lot A, Cotting street, cor. | |
| Adams street | 2,400 00 |
| | <hr/> |
| Total of Ward 4 | \$129,600 00 |

Ward 5.

| | |
|---|--------------|
| Tufts Schoolhouse | \$20,000 00 |
| 33,851 feet land at junction of Main and Med- | |
| ford streets | 8,450 00 |
| 149,500 feet land, Park, Medford street, cor. | |
| Morton avenue | 17,950 00 |
| Brick Engine House | 12,000 00 |
| 7,780 feet land, lots 25 and 26 Medford street, | |
| cor. Albion | 1,550 00 |
| Lincoln Schoolhouse | 80,000 00 |
| 42,000 feet land, Dartmouth street, between | |
| Yale and Harvard streets | 8,400 00 |
| | <hr/> |
| Total of Ward 5 | \$148,350 00 |

Ward 6.

| | |
|--|--------------------|
| 5,210 feet land, Park, High street | \$1,550 00 |
| Gleason Schoolhouse | 8,000 00 |
| 20,350 feet land, lot 23 Warren street, cor. Madison street | 4,500 00 |
| 9.15 A. Brooks Playstead | 59,800 00 |
| 12,140 feet vacant land, Playstead road | 1,800 00 |
| Hillside Schoolhouse | 15,000 00 |
| 29,775 feet land, Boston avenue, cor. Winthrop street | 8,950 00 |
| Hall Schoolhouse | 6,000 00 |
| 16,181 feet land, parts lots 71 and 72 Harvard avenue, cor. Sharon street | 3,250 00 |
| 12,680 feet land, Harvard avenue, cor. Bowers street | 4,450 00 |
| Hervey Schoolhouse | 6,000 00 |
| 25,600 feet land, lots 66 and 67 Holton street, cor. Sharon street | 5,100 00 |
| Chemical, Hose House and Sheds | 3,000 00 |
| 8,720 feet land, lot 16 and part 15 Canal street, <hr/> | 1,300 00 |
| Total of Ward 6 | <hr/> \$128,700 00 |

Ward 7.

| | |
|--|-------------------|
| James Schoolhouse | \$8,500 00 |
| 58,878 feet land, Spring street, cor. Bradshaw street | 8,850 00 |
| Engine House, Hose 4 | 5,000 00 |
| 8,270 feet land, lot 15 White Plan, Spring street, Osgood Schoolhouse | 1,250 00 |
| 28,800 feet land, Middlesex avenue, between Third and Fourth streets | 5,000 00 |
| | 4,300 00 |
| Total of Ward 7 | <hr/> \$32,900 00 |

TOTALS BY WARDS.

(All Parks and Cemeteries included.)

| | | | | | | | | |
|--------|---|---|---|---|---|---|---|----------------|
| Ward 1 | . | . | . | . | . | . | . | \$74,550 00 |
| Ward 2 | . | . | . | . | . | . | . | 132,300 00 |
| Ward 3 | . | . | . | . | . | . | . | 665,250 00 |
| Ward 4 | . | . | . | . | . | . | . | 129,600 00 |
| Ward 5 | . | . | . | . | . | . | . | 148,350 00 |
| Ward 6 | . | . | . | . | . | . | . | 128,700 00 |
| Ward 7 | . | . | . | . | . | . | . | 32,900 00 |
| | | | | | | | | \$1,311,650 00 |

Deduct the following as unsalable property :

| | | | | | | | | |
|---|---|---|---|---|---|---|---|--------------|
| Magoun Park (Wd. 2) | . | . | . | . | . | . | . | \$15,900 00 |
| Cross Street Cemetery (Wd. 3), | . | . | . | . | . | . | . | 7,250 00 |
| Salem Street Cemetery (Wd. 3), | . | . | . | . | . | . | . | 14,400 00 |
| Hastings Park (Wd. 3) | . | . | . | . | . | . | . | 14,500 00 |
| Oak Grove Cemetery (Wd. 3), | . | . | . | . | . | . | . | 100,000 00 |
| Dwelling House, Playstead road (Wd. 3) | . | . | . | . | . | . | . | 4,000 00 |
| Stable and sheds, Playstead road (Wd. 3) | . | . | . | . | . | . | . | 300 00 |
| 3.65 A. land, lot 1 Playstead road (Wd. 3) | . | . | . | . | . | . | . | 3,200 00 |
| Dwelling House, rear Playstead road (Wd. 3) | . | . | . | . | . | . | . | 600 00 |
| 3.66 A. land, lot 2, rear Play- stead road (Wd. 3) | . | . | . | . | . | . | . | 3,200 00 |
| 3.47 A. land, lot 3, rear Play- stead road (Wd. 3) | . | . | . | . | . | . | . | 3,000 00 |
| 3.48 A. land, lot 4, Playstead road (Wd. 3) | . | . | . | . | . | . | . | 3,050 00 |
| Brooks Park (Wd. 4) | . | . | . | . | . | . | . | 5,400 00 |
| Triangle (Wd. 6) | . | . | . | . | . | . | . | 1,550 00 |
| .97 A. Proposed street off Play- stead road | . | . | . | . | . | . | . | 850 00 |
| | | | | | | | | \$177,200 00 |

REPORT
OF THE
COMMISSIONERS OF SINKING FUNDS.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

SIR,—The Commissioners of Sinking Funds respectfully submit the following statements of their accounts for the year ending January 1, 1906:

WATER LOAN SINKING FUND.

RECEIPTS.

| | |
|--|------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$1,645 19 |
| City of Fall River, for \$4,000 of its bonds, due February 1, 1905 | 4,000 00 |
| City of Fall River, for six months' interest on \$4,000 of its bonds, at 4 per cent, to February 1, 1905 | 80 00 |
| City of Salem, for one year's interest on \$4,000 of its bonds, at 3½ per cent, to Aug. 1, 1905, | 140 00 |
| City of Woburn, for one year's interest on \$1,000 of its bonds, at 4 per cent, to August 1, 1905 | 40 00 |
| Town of Watertown, for one year's interest on \$2,500 of its bonds, at 3½ per cent, to August 1, 1905 | 87 50 |
| Eastern Railroad Company, for one year's interest on \$7,000 of its bonds, at 6 per cent, to September 1, 1905 | 420 00 |

244 REPORT OF COMMISSIONERS OF SINKING FUNDS.

| | |
|---|------------|
| City of Medford, for one year's interest on \$4,000 of its bonds, at 4 per cent, to Oct. 1, 1905 | \$160 00 |
| City of Brockton, for one year's interest on \$12,000 of its bonds, at 4 per cent, to October 1, 1905 | 480 00 |
| Town of Stoneham, for one year's interest on \$3,000 of its bonds, at 3½ per cent, to October 1, 1905 | 105 00 |
| City of Medford, for one year's interest on \$3,000 of its bonds, at 4 per cent, to Nov. 1, 1905 | 120 00 |
| Town of Hyde Park, for one year's interest on \$4,000 of its bonds, at 4 per cent, to November 1, 1905 | 160 00 |
| Portland & Ogdensburg Railway, for one year's interest on \$4,000 of its bonds, at 5 per cent, to November 1, 1905 | 200 00 |
| P. R. Litchfield, City Treasurer, first payment on account, for takings in and about Spot Pond | 100,000 00 |
| City of Cambridge, for six months' interest on \$25,000 of its bonds, at 3½ per cent, to November 1, 1905 | 437 50 |
| City of Medford, for one year's interest on \$4,000 note, at 4 per cent, to Dec. 1, 1905 | 160 00 |
| City of Medford, for one year's interest on \$9,000 of its bonds, at 4 per cent, to Dec. 1, 1905 | 360 00 |
| Boston & Lowell Railroad Corporation, for one year's interest on \$2,000 of its bonds, at 4 per cent, to December 1, 1905 | 80 00 |
| City of Medford, for one year's interest on \$99,000 of its bonds, at 4 per cent, to January 1, 1906 | 3,960 00 |
| City of Medford, for one year's interest on \$15,000 note, at 4 per cent, to Jan. 1, 1906, | 600 00 |
| City of Medford, for one year's interest on \$8,000 note, at 4 per cent, to Jan. 1, 1906 | 320 00 |

| | |
|--|---------------------|
| City of Somerville, for one year's interest on \$14,000 of its bonds, at 3½ per cent, to January 1, 1906 | \$490 00 |
| City of Woburn, for one year's interest on \$2,000 of its bonds, at 4 per cent, to Jan. 1, 1906 | 80 00 |
| Town of Brookline, for one year's interest on \$5,500 of its bonds, at 3½ per cent, to January 1, 1906 | 192 50 |
| City of New Bedford, for one year's interest on \$3,000 of its bonds, at 4 per cent, to January 1, 1906 | 120 00 |
| Town of Arlington, for one year's interest on \$10,000 of its bonds, at 4 per cent, to January 1, 1906 | 400 00 |
| City of Medford, for six months' interest on \$32,000 of its bonds, at 4 per cent, to August 1, 1905 | 640 00 |
| City of Medford, for six months' interest on \$5,643.24 note, at 4 per cent, to Jan. 1, 1906, | 112 86 |
| National Bank of the Republic, for interest on deposit | 274 54 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 7,202 45 |
| P. R. Litchfield, City Treasurer, premium on \$10,000 note, due December 1, 1925 | 715 00 |
| P. R. Litchfield, City Treasurer, premium on \$6,000 note, due December 1, 1925 | 429 00 |
| P. R. Litchfield, City Treasurer, surplus from water receipts for year ending Dec. 31, 1905, | 14,071 94 |
| Total received | \$138,283 48 |

DISBURSEMENTS.

| | |
|--|------------|
| E. H. Rollins & Sons, for \$3,000 City of New Bedford registered 4 per cent bonds, due July 1, 1914, at 104.93 | \$3,147 90 |
|--|------------|

246 REPORT OF COMMISSIONERS OF SINKING FUNDS.

| | |
|--|-----------|
| 3 months 20 days' accrued interest | \$36 67 |
| E. C. Stanwood & Co., for \$10,000 City of Medford 4 per cent bonds, due July 1, 1912, at 103.79 | 10,379 00 |
| 4 months 7 days' accrued interest | 141 11 |
| E. C. Stanwood & Co., for \$10,000 Town of Arlington 4 per cent bonds, due January 1, 1912, at 103.55 | 10,355 00 |
| 4 months 7 days' accrued interest | 141 11 |
| Merrill, Oldham & Co., for \$12,500 City of Cambridge 3½ per cent registered bond, due May 1, 1914, at 100.965 | 12,620 62 |
| 7 days' accrued interest | 8 51 |
| Blodget, Merritt & Co., for \$32,000 City of Medford 4 per cent bonds, due February 1, 1930, at 110.50 | 35,360 00 |
| 3 months 8 days' accrued interest | 348 44 |
| Estabrook & Co., for \$7,000 City of Medford 4 per cent bonds, due June 1, 1924, at 109.08, | 7,635 60 |
| 5 months 10 days' accrued interest | 124 44 |
| Merrill, Oldham & Co., for \$12,500 City of Cambridge registered 3½ per cent bond, due May 1, 1918, at 101.31 | 12,663 75 |
| 14 days' accrued interest | 17 01 |
| City of Medford, for \$5,643.24 City of Medford 4 per cent note, due July 1, 1915, at 105.27, | 5,940 63 |
| City of Medford, for \$5,000 City of Medford 4 per cent note, due December 1, 1915, at 104.62, | 5,231 00 |
| City of Medford, for \$2,300 City of Medford 4 per cent note, due Dec. 1, 1915, at 104.19 | 2,396 37 |
| 3 days' accrued interest | 77 |
| City of Medford, for \$1,700 City of Medford 4 per cent note, due Dec 1, 1915, at 104.19 | 1,771 23 |
| 3 days' accrued interest | 57 |
| City of Medford, for \$9,000 City of Medford 4 per cent note, due Dec. 1, 1915, at 104.19 | 9,377 10 |

| | |
|--|--------------|
| 3 days' accrued interest | \$3 00 |
| City of Medford, for \$10,000 City of Medford 4 per cent note, due Dec. 1, 1925, at 107.15 | 10,715 00 |
| 29 days' accrued interest | 32 22 |
| P. R. Litchfield, City Treasurer, for the payment of \$4,000 City of Medford water fund bonds, due January 1, 1906 | 4,000 00 |
| Balance deposited in the National Bank of the Republic | 5,836 43 |
| | <hr/> |
| Total disbursed | \$138,283 48 |

The Water Loan Sinking Fund consists of the following property :

| | |
|---|-------------|
| Town of Medford 4 per cent water bonds, due July 1, 1910 | \$81,000 00 |
| City of Medford 4 per cent water bonds, due October 1, 1914 | 4,000 00 |
| City of Medford 4 per cent municipal bonds, due May 1, 1917 | 3,000 00 |
| City of Medford 4 per cent water bonds, due December 1, 1922 | 2,000 00 |
| City of Woburn, 4 per cent bond, due August 1, 1907 | 1,000 00 |
| City of Woburn 4 per cent bonds, due July 1, 1908 | 2,000 00 |
| Boston & Lowell Railroad Corporation 4 per cent bonds, due June 1, 1907 | 2,000 00 |
| City of Brockton 4 per cent registered bonds, due October 1, 1909 | 4,000 00 |
| City of Brockton 4 per cent registered bonds, due October 1, 1913 | 4,000 00 |
| City of Brockton 4 per cent registered bonds, due October 1, 1914 | 4,000 00 |
| City of Somerville 3½ per cent bonds, due July 1, 1910 | 8,000 00 |

248 REPORT OF COMMISSIONERS OF SINKING FUNDS.

| | |
|---|------------|
| City of Somerville 3½ per cent bonds due July 1, 1909 | \$6,000 00 |
| Town of Stoneham 3½ per cent bonds, due April 1, 1910 | 3,000 00 |
| Town of Watertown 3½ per cent bond, due August 1, 1909 | 2,500 00 |
| Eastern Railroad Company 6 per cent bonds, due September 1, 1906 | 7,000 00 |
| City of Medford 4 per cent water bonds, due January 1, 1917 | 2,000 00 |
| City of Medford 4 per cent note, due December 1, 1913 | 4,000 00 |
| City of Salem 3½ per cent registered bonds due February 1, 1909 | 2,000 00 |
| City of Salem 3½ per cent registered bonds due February 1, 1910 | 2,000 00 |
| City of Medford 4 per cent water bond due January 1, 1919 | 1,000 00 |
| City of Medford 4 per cent note, due January 1, 1924 | 15,000 00 |
| Town of Hyde Park 4 per cent bonds, due May 1, 1910 | 4,000 00 |
| Portland & Ogdensburg Railroad 5 per cent bonds, due November 1, 1908 | 4,000 00 |
| Town of Brookline 3½ per cent bonds due January 1, 1910 | 5,500 00 |
| City of Medford 4 per cent municipal bonds, due January 1, 1918 | 5,000 00 |
| City of Medford 4 per cent note, due January 1, 1925 | 8,000 00 |
| City of Medford 4 per cent public building bonds, due July 1, 1912 | 10,000 00 |
| City of Medford 4 per cent park bonds, due February 1, 1930 | 32,000 00 |
| City of Medford 4 per cent city stable bonds, due June 1, 1924 | 7,000 00 |

| | |
|--|--------------|
| City of Medford 4 per cent note, due July 1, 1915, \$5,643 24 | |
| City of Medford 4 per cent note, due December 1, 1915 | 5,000 00 |
| City of Medford 4 per cent note, due December 1, 1915 | 2,300 00 |
| City of Medford 4 per cent note, due December 1, 1915 | 1,700 00 |
| City of Medford 4 per cent note, due December 1, 1915 | 9,000 00 |
| City of Medford 4 per cent note, due December 1, 1925 | 10,000 00 |
| City of New Bedford 4 per cent registered bonds, due July 1, 1914 | 3,000 00 |
| Town of Arlington 4 per cent bonds, due January 1, 1912 | 10,000 00 |
| City of Cambridge 3½ per cent registered bonds, due May 1, 1914 | 12,500 00 |
| City of Cambridge 3½ per cent registered bonds, due May 1, 1918 | 12,500 00 |
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | 5,836 43 |
| | <hr/> |
| Total | \$312,479 67 |

PUBLIC BUILDING LOAN SINKING FUND.

RECEIPTS.

| | |
|---|------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$3,790 64 |
| City of Medford, for one year's interest on \$10,000 of its bonds, at 4 per cent, to August 1, 1905 | 400 00 |
| Eastern Railroad Company, for one year's interest on \$10,500 of its bonds, at 6 per cent, to September 1, 1905 | 630 00 |

250 REPORT OF COMMISSIONERS OF SINKING FUNDS.

| | |
|--|-----------|
| Boston & Lowell Railroad Corporation, for one year's interest on \$2,000 of its bonds, at 4 per cent, to October 1, 1905 | \$80 00 |
| Fitchburg Railroad Company, for one year's interest on \$14,000 of its bonds, at 5 per cent, to November 1, 1905 | 700 00 |
| City of Holyoke, for one year's interest on \$6,500 of its bonds, at 3½ per cent, to November 1, 1905 | 227 50 |
| City of Everett, for one year's interest on \$10,000 of its notes, at 4 per cent, to November 1, 1905 | 400 00 |
| City of Newton, for one year's interest on \$18,000 of its bonds, at 3½ per cent, to December 1, 1905 | 630 00 |
| Kansas City, St. Joseph & Council Bluffs Railroad Company, for one year's interest on \$13,000 of its bonds, at 7 per cent, to January 1, 1906 | 910 00 |
| City of Medford, for one year's interest on \$37,000 of its bonds, at 4 per cent, to January 1, 1906 | 1,480 00 |
| City of Medford, for one year's interest on \$3,450 note, at 4 per cent, to Dec. 1, 1905 | 138 00 |
| County of Middlesex, for one year's interest on \$10,000 of its notes, at 4 per cent, to December 1, 1905 | 400 00 |
| Chicago, Burlington & Quincy Railroad Company for six months interest on \$19,000 of its bonds, at 4 per cent, to July 1, 1905 | 380 00 |
| Chicago, Burlington & Quincy Railroad Company, for \$19,000 of its bonds, due July 1, 1905, | 19,000 00 |
| Town of Revere, for one year's interest on \$4,000 of its bonds, at 4 per cent, to November 1, 1905 | 160 00 |

| | |
|--|--------------------|
| City of Somerville, for one year's interest on \$1,000 bond, at 4 per cent to Jan. 1, 1906 | \$40 00 |
| City of New Bedford, for one year's interest on \$3,000 of its bonds, at 4 per cent, to Jan. 1, 1906 | 120 00 |
| City of Medford, for one year's interest on \$3,650 note, at 4 per cent, to Jan. 1, 1906 | 146 00 |
| City of Medford, for six months' interest on \$18,000 note, at 4 per cent, to Jan. 1, 1906, | 360 00 |
| City of Medford, for \$4,000 of its water fund bonds, due January 1, 1906 | 4,000 00 |
| City of Medford, for six months' interest on \$20,000 note, at 4 per cent, to Jan. 1, 1906, | 400 00 |
| National Bank of the Republic, for interest on deposit | 94 03 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 16,865 00 |
| Total received | <u>\$51,351 17</u> |

DISBURSEMENTS.

| | |
|--|------------|
| E. H. Rollins & Sons, for \$3,000 City of New Bedford registered 4 per cent bonds, due July 1, 1913, at 104.47 | \$3,134 10 |
| 3 months and 20 days' accrued interest | 36 67 |
| City of Medford, for \$20,000 City of Medford 4 per cent note due July 1, 1905, at 105.05 | 21,010 00 |
| 5 days' accrued interest | 11 11 |
| R. L. Day & Co., for \$2,000 City of Medford water fund 4 per cent bonds, due Dec. 1, 1922, at 107 | 2,140 00 |
| 11 days' accrued interest | 2 44 |
| Commonwealth of Massachusetts, for \$18,000 City of Medford 4 per cent note, due Jan. 1, 1913, at 104.34 | 18,781 20 |
| 5 months 27 days' accrued interest | 354 00 |

252 REPORT OF COMMISSIONERS OF SINKING FUNDS.

| | |
|---|-------------|
| Balance deposited in the National Bank of the Republic | \$5,881 65 |
| | <hr/> |
| Total disbursed | \$51,351 17 |

The Public Building Loan Sinking Fund consists of the following property :

| | |
|---|-------------|
| Town of Medford 4 per cent water bonds, due July 1, 1910 | \$11,000 00 |
| City of Medford 4 per cent public building bonds, due July 1, 1908 | 6,000 00 |
| City of Medford 4 per cent public building bonds, due July 1, 1913 | 6,000 00 |
| City of Medford 4 per cent public building bonds, due August 1, 1918 | 10,000 00 |
| City of Somerville 4 per cent bonds, due July 1, 1913 | 1,000 00 |
| Eastern Railway Company 6 per cent bonds, due September 1, 1906 | 10,500 00 |
| Boston & Lowell Railroad Corporation 4 per cent bonds, due April 1, 1909 | 2,000 00 |
| City of Holyoke 3½ per cent registered bonds, due May 1, 1908 | 6,500 00 |
| Kansas City, St. Joseph & Council Bluffs Rail- road Company 7 per cent bonds, due January 1, 1907 | 13,000 00 |
| Fitchburg Railroad Company 5 per cent bonds, due May 1, 1908 | 14,000 00 |
| City of Newton 3½ per cent bonds, due Decem- ber 1, 1912 | 18,000 00 |
| County of Middlesex 4 per cent notes, due Decem- ber 1, 1909 | 5,000 00 |
| County of Middlesex 4 per cent notes, due Decem- ber 1, 1910 | 5,000 00 |
| City of Everett 4 per cent notes, due November 1, 1911 | 5,000 00 |

| | |
|--|---------------------|
| City of Everett 4 per cent notes, due November 1, 1913 | \$ 5,000 00 |
| Town of Revere 4 per cent bonds, due May 1, 1913 | 4,000 00 |
| City of Medford 4 per cent public building bonds, due July 1, 1912 | 5,000 00 |
| City of Medford 4 per cent note, due December 1, 1913 | 3,450 00 |
| City of Medford 4 per cent water bond, due July 1, 1921 | 1,000 00 |
| City of Medford 4 per cent water bonds, due July 1, 1923 | 4,000 00 |
| City of Medford 4 per cent note, due Jan. 1, 1915, | 3,650 00 |
| City of Medford 4 per cent note, due July 1, 1915, | 20,000 00 |
| City of Medford 4 per cent note, due Dec. 1, 1922, | 2,000 00 |
| City of Medford 4 per cent note, due Jan. 1, 1913, | 18,000 00 |
| City of New Bedford registered 4 per cent bond, due July 1, 1913 | 3,000 00 |
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | 5,881 65 |
| Total | <u>\$187,981 65</u> |

SEWERAGE LOAN SINKING FUND.

RECEIPTS.

| | |
|--|------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$6,705 22 |
| City of Lynn, for \$15,000 registered bonds, due Jan. 1, 1905 | 15,000 00 |
| City of Medford, for one year's interest on \$1,000 4 per cent bond, to Aug. 1, 1905 | 40 00 |
| City of Medford, for one year's interest on \$2,000 of its bonds, at 4 per cent, to Aug. 1, 1905 | 80 00 |

| | |
|--|----------|
| City of Malden, for one year's interest on \$3,000 of its bonds, at 4 per cent, to Aug. 1, 1905 | \$120 00 |
| City of Woburn, for \$1,000 bond, due Aug. 1, 1905 | 1,000 00 |
| City of Gloucester, for one year's interest on \$8,000 of its bonds, at 3½ per cent, to Oct. 1, 1905 | 280 00 |
| City of Woburn, for six months' interest on \$1,000 bond, at 4 per cent, to April 1, 1905 | 20 00 |
| Town of Wakefield, for one year's interest on \$1,000 bonds at 4 per cent, to Oct. 1, 1905, | 40 00 |
| Town of Wakefield, for \$1,000 bond, due Oct. 1, 1905 | 1,000 00 |
| Town of Stoncham, for one year's interest on \$3,000 of its bonds, at 3½ per cent, to Oct. 1, 1905 | 105 00 |
| Town of Winchester, for one year's interest on \$4,000 of its bonds, at 3½ per cent, to Oct. 1, 1905 | 140 00 |
| Town of Stoughton, for six months' interest on \$1,000 bond, at 4 per cent, to June 1, 1905 | 20 00 |
| Town of Stoughton, for \$1,000 bond, due June 1, 1905 | 1,000 00 |
| City of Malden, for six months' interest on \$1,850 bond, at 4 per cent, to June 1, 1905 | 37 00 |
| City of Malden, for \$1,850 bond, due June 1, 1905 | 1,850 00 |
| City of Worcester, for six months' interest on \$1,000 bond, at 3½ per cent, to June 1, 1905, | 17 50 |
| City of Worcester, for \$1,000 bond, due June 1, 1905 | 1,000 00 |
| City of Medford, for 1 year's interest on \$2,000 of its bonds, at 4 per cent, to Dec. 1, 1905 | 80 00 |
| City of Medford, for 1 year's interest on \$6,500 note, at 4 per cent, to Dec. 1, 1905 | 260 00 |

| | |
|--|-----------|
| City of Medford, for 1 year's interest on \$10,000 note, at 4 per cent, to Dec. 1, 1905 | \$400 00 |
| City of Holyoke, for one year's interest on \$8,000 of its bonds, at 3½ per cent, to December 1, 1905 | 280 00 |
| County of Middlesex, for one year's interest on \$11,000 of its notes, at 4 per cent, to December 1, 1905 | 440 00 |
| County of Middlesex, for \$1,000 note, due December 1, 1905 | 1,000 00 |
| Eastern Railroad Company, for one year's interest on \$3,000 of its bonds, at 6 per cent, to September 1, 1905 | 180 00 |
| City of Medford, for six months' interest on \$35,000 of its bonds, at 4 per cent, to July 1, 1905 | 700 00 |
| City of Medford, for six months' interest on \$33,000 of its bonds, at 4 per cent, to January 1, 1906 | 660 00 |
| City of Medford, for \$4,000 sewerage bonds, due July 1, 1905 | 4,000 00 |
| Chicago, Burlington & Quincy Railroad Company, for six months' interest on \$16,000 of its bonds, at 4 per cent, to July 1, 1905 | 320 00 |
| Chicago, Burlington & Quincy Railroad Company, for \$16,000 bonds, due July 1, 1905 | 16,000 00 |
| City of Malden, for six months' interest on \$1,750 bond, at 4 per cent, to July 1, 1905 | 35 00 |
| City of Malden, for \$1,750 bond, due July 1, 1905, | 1,750 00 |
| Fitchburg Railroad Company, for one year's interest on \$3,000 of its bonds, at 4 per cent, to January 1, 1906 | 120 00 |
| City of Medford, for six months' interest on \$8,000 note, at 4 per cent, to Jan. 1, 1906 | 160 00 |
| National Bank of the Republic, interest on deposit | 267 33 |

| | |
|---|--------------------|
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | \$10,040 00 |
| Total received | <u>\$65,147 05</u> |

DISBURSEMENTS.

| | |
|---|--------------------|
| Estabrook & Co., for \$10,000 City of Medford 4 per cent notes, due Dec. 1, 1914, at 105 . | \$10,500 00 |
| 1 month 11 days' accrued interest | 45 56 |
| P. R. Litchfield, City Treasurer, for the payment of \$20,000 City of Medford sewerage bonds, due July 1, 1905 | 20,000 00 |
| City of Medford, for \$8,000 City of Medford 4 per cent note, due July 1, 1915, at 105.05 . | 8,404 00 |
| 5 days' accrued interest | 4 45 |
| P. R. Litchfield, City Treasurer, for the payment of \$10,000 City of Medford sewerage bonds, due October 1, 1905 | 10,000 00 |
| N. W. Harris & Co., for \$2,000 City of Medford 4 per cent sewerage bonds, due July 1, 1906, at 100.25 | 2,005 00 |
| 4 months 14 days' accrued interest | 29 78 |
| City of Medford, for \$6,000 City of Medford 4 per cent note, due Dec. 1, 1925, at 107.15 . | 6,429 00 |
| 29 days' accrued interest | 19 33 |
| Cash deposited in the National Bank of the Republic | 7,709 93 |
| Total disbursed | <u>\$65,147 05</u> |

The Sewerage Loan Sinking Fund consists of the following property :

| | |
|--|-------------|
| City of Medford 4 per cent public building bonds, due July 1, 1908 | \$12,000 00 |
| Town of Medford, 4 per cent water bonds, due July 1, 1910 | 15,000 00 |

| | |
|---|------------|
| City of Malden 4 per cent bonds, due August 1, 1906 | \$3,000 00 |
| City of Medford 4 per cent water fund bonds, due December 1, 1922 | 2,000 00 |
| City of Medford 4 per cent sewerage bonds, due July 1, 1906 | 3,000 00 |
| Fitchburg Railroad Company 4 per cent bonds, due July 1, 1916 | 3,000 00 |
| City of Medford 4 per cent sewerage bonds, due August 1, 1916 | 1,000 00 |
| Town of Stoneham 3½ per cent bonds, due April 1, 1907 | 3,000 00 |
| City of Gloucester 3½ per cent bonds, due October 1, 1906 | 8,000 00 |
| City of Holyoke 3½ per cent bonds, due December 1, 1907 | 8,000 00 |
| City of Medford 4 per cent sewerage bonds, due August 1, 1921 | 2,000 00 |
| Town of Winchester, 3½ per cent bonds, due October 1, 1906 | 4,000 00 |
| Eastern Railroad Company 6 per cent bonds, due September 1, 1906 | 3,000 00 |
| County of Middlesex 4 per cent notes, due December 1, 1906 | 5,000 00 |
| County of Middlesex 4 per cent notes, due December 1, 1907 | 5,000 00 |
| City of Medford municipal 4 per cent bonds, due January 1, 1918 | 3,000 00 |
| City of Medford 4 per cent note, due December 1, 1914 | 6,500 00 |
| City of Medford 4 per cent notes, due December 1, 1914 | 10,000 00 |
| City of Medford 4 per cent note, due July 1, 1915 | 8,000 00 |
| City of Medford 4 per cent note, due December 1, 1925 | 6,000 00 |

| | |
|---|---------------------|
| Cash deposited in the National Bank of the Republic at 2½ per cent interest | \$7,709 93 |
| Total | <u>\$118,209 93</u> |

PUBLIC PLAYGROUND LOAN SINKING FUND.

RECEIPTS.

| | |
|---|---------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$925 61 |
| Town of Stoneham, for one year's interest on \$2,000 of its bonds, at 3½ per cent, to October 1, 1905 | 70 00 |
| Town of Belmont, for one year's interest on \$1,000 of its bonds, at 4 per cent, to October 1, 1905 | 40 00 |
| City of Newton, for one year's interest on \$1,000 of its bonds, at 4 per cent, to Dec. 1, 1905, | 40 00 |
| City of Holyoke, for one year's interest on \$3,000 of its bonds, at 3½ per cent, to Dec. 1, 1905, | 105 00 |
| National Bank of the Republic, interest on deposit | 23 99 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | <u>785 00</u> |
| Total received | \$1,989 60 |

The Public Playground Loan Sinking Fund consists of the following property :

| | |
|---|------------|
| City of Newton 4 per cent bond, due June 1, 1914, | \$1,000 00 |
| Town of Stoneham 3½ per cent bonds, due April 1, 1914 | 2,000 00 |
| City of Holyoke 3½ per cent bonds, due December 1, 1914 | 3,000 00 |
| Town of Belmont 4 per cent bonds, due October 1, 1914 | 1,000 00 |

| | |
|--|-------------------|
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | \$1,989 60 |
| Total | <u>\$8,989 60</u> |

MUNICIPAL LOAN SINKING FUND.

RECEIPTS.

| | |
|--|------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$2,924 07 |
| City of Medford, for one year's interest on \$24,000 of its bonds, at 4 per cent, to November 1, 1905 | 960 00 |
| City of Medford, for one year's interest on \$19,000 of its bonds, at 4 per cent, to January 1, 1906 | 760 00 |
| City of Medford, for one year's interest on \$5,000 of its bonds, at 4 per cent, to Dec. 1, 1905 | 200 00 |
| City of Quincy, for one year's interest on \$2,000 of its bonds, at 3½ per cent, to Oct. 1, 1905, | 70 00 |
| Fitchburg Railroad Company, for one year's interest on \$7,000 of its bonds, at 4 per cent, to January 1, 1906 | 280 00 |
| City of Taunton, for one year's interest on \$15,000 of its bonds, at 4 per cent, to December 1, 1905 | 600 00 |
| Concord & Claremont Railroad, for one year's interest on \$16,000 of its bonds, at 4½ per cent, to January 1, 1906 | 720 00 |
| City of Beverly, for one year's interest on \$5,000 of its bonds, at 4 per cent, to August 1, 1905, | 200 00 |
| City of Dayton, Ohio, for one year's interest on \$10,000 of its bonds, at 4 per cent, to Nov. 2, 1905 | 400 00 |

| | |
|---|--------------------|
| City of Newton, for six months' interest on \$4,000 of its bonds, at 4 per cent, to January 1, 1906 | \$80 00 |
| City of Medford, for one year's interest on \$17,500 note, to Dec, 1, 1905, at 4 per cent, | 700 00 |
| National Bank of the Republic, interest on de- posit | 72 29 |
| P. R. Litchfield, City Treasurer, city appropri- ation for 1905 | 13,960 00 |
| Total received | <u>\$21,926 36</u> |

DISBURSEMENTS.

| | |
|--|--------------------|
| R. L. Day & Co., for \$4,000 City of Newton registered 4 per cent bonds, due July 1, 1916, at 105.47 | \$4,218 80 |
| 13 days' accrued interest | 5 78 |
| R. L. Day & Co., for \$15,000 City of Medford water fund 4 per cent bonds, due October 1, 1914, at 104 $\frac{1}{2}$ | 15,618 75 |
| 2 months 11 days' accrued interest | 118 33 |
| Cash deposited in the National Bank of the Re- public | 1,964 70 |
| Total disbursed | <u>\$21,926 36</u> |

The Municipal Loan Sinking Fund consists of the follow-
ing property :

| | |
|---|-------------|
| City of Medford 4 per cent water bonds, due July 1, 1910 | \$18,000 00 |
| City of Medford 4 per cent municipal bonds, due May 1, 1917 | 24,000 00 |
| City of Quincy 3 $\frac{1}{2}$ per cent bonds, due April 1, 1917 | 2,000 00 |
| Fitchburg Railroad Company 4 per cent bonds, due July 1, 1916 | 7,000 00 |

| | |
|--|---------------------|
| City of Medford 4 per cent public playground bonds, due December 1, 1914 | \$5,000 00 |
| City of Taunton 4 per cent registered bonds, due June 1, 1917 | 15,000 00 |
| City of Medford 4 per cent public building bond, due July 1, 1913 | 1,000 00 |
| Concord & Claremont Railroad 4½ per cent bonds, due January 1, 1914 | 16,000 00 |
| City of Beverly 4 per cent bonds, due February 1, 1917 | 5,000 00 |
| City of Dayton, Ohio, 4 per cent bonds, due November 2, 1916 | 10,000 00 |
| City of Medford 4 per cent note, due December 1, 1914 | 17,500 00 |
| City of Newton 4 per cent registered bonds, due July 1, 1916 | 4,000 00 |
| City of Medford 4 per cent water fund bonds, due October 1, 1914 | 15,000 00 |
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | 1,964 70 |
| Total | \$141,464 70 |

CITY NOTES DUE DECEMBER 15, 1908.

RECEIPTS.

| | |
|--|----------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$984 02 |
| Town of Watertown, for one year's interest on \$2,000 of its bonds, at 3½ per cent, to January 1, 1906 | 70 00 |
| Portland & Ogdensburg Railway, for one year's interest on \$5,000 of its bonds, at 5 per cent, to November 1, 1905 | 250 00 |

| | |
|---|-----------------|
| Fitchburg Railroad Company, for one year's interest on \$2,000 of its bonds, at 5 per cent, to November 1, 1905 | \$100 00 |
| Town of Newmarket, N. H., for one year's interest on \$4,000 of its bonds, at 3½ per cent, to November 1, 1905 | 140 00 |
| Town of Winchester, for one year's interest on \$4,000 of its bonds, at 3½ per cent, to October 1, 1905 | 140 00 |
| County of Middlesex, for one year's interest on \$4,000 of its bonds, at 4 per cent, to December 1, 1905 | 160 00 |
| Town of Belmont, for one year's interest on \$2,000 of its bonds, at 4 per cent, to October 1, 1905 | 80 00 |
| City of Quincy, for one year's interest on \$2,000 of its bonds, at 4 per cent, to Dec. 1, 1905 | 80 00 |
| National Bank of the Republic, interest on deposit, P. R. Litchfield, City Treasurer, city appropriation for 1905 | 33 69 |
| | <u>3,600 00</u> |
| Total received | \$5,637 71 |

DISBURSEMENTS.

| | |
|--|---------------|
| R. L. Day & Co., for \$5,000 Portland & Ogdensburg Railway 5 per cent bonds, due November 1, 1908, at 103¾ | \$5,168 75 |
| 1 month 1 day's accrued interest | 21 53 |
| Cash deposited in the National Bank of the Republic | 447 43 |
| | <u>447 43</u> |
| Total disbursed | \$5,637 71 |

The City Notes Due December 15, 1908, Sinking Fund consists of the following property :

| | |
|--|------------|
| Town of Watertown 3½ per cent bonds, due January 1, 1909 | \$2,000 00 |
|--|------------|

| | |
|--|--------------------|
| Portland & Ogdensburg Railway 5 per cent bonds, due November 1, 1908 | \$10,000 00 |
| Fitchburg Railroad Company registered 5 per cent bonds, due May 1, 1908 | 2,000 00 |
| Town of Newmarket, N. H., 3½ per cent water bonds, due November 1, 1908 | 4,000 00 |
| Town of Winchester 3½ per cent bonds, due October 1, 1908 | 4,000 00 |
| County of Middlesex 4 per cent notes, due December 1, 1908 | 4,000 00 |
| Town of Belmont 4 per cent bonds, due October 1, 1908 | 2,000 00 |
| City of Quincy 4 per cent bonds, due June 1, 1908 | 2,000 00 |
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | 447 43 |
| Total | \$30,447 43 |

LINCOLN SCHOOLHOUSE SINKING FUND.

RECEIPTS.

| | |
|---|-------------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$280 95 |
| City of Everett, for one year's interest on \$1,250 note, at 4 per cent, to November 1, 1905 | 50 00 |
| City of Medford, for one year's interest on \$2,000 of its bonds, at 4 per cent, to January 1, 1906 | 80 00 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 1,800 00 |
| Total received | \$2,210 95 |

The Lincoln Schoolhouse Loan Sinking Fund now consists of the following property :

| | |
|--|-------------------|
| City of Everett 4 per cent note, due November 1, 1921 | \$1,250 00 |
| City of Medford 4 per cent public building bonds, due July 1, 1912 | 2,000 00 |
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | 2,210 95 |
| Total | <u>\$5,460 95</u> |

PARK LOAN SINKING FUND.

RECEIPTS.

| | |
|--|-------------------|
| Balance deposited in the National Bank of the Republic, as per report of 1905 | \$204 37 |
| City of Medford, for one year's interest on \$6,000 of its bonds, at 4 per cent, to August 1, 1905, | 240 00 |
| City of Medford, for one year's interest on \$1,000 of its bonds, at 4 per cent, to Nov. 1, 1905 | 40 00 |
| City of Fall River, for one year's interest on \$1,000 of its bonds, at 3½ per cent, to November 1, 1905 | 35 00 |
| City of Holyoke, for one year's interest on \$3,000 of its bonds, at 3½ per cent, to Dec. 1, 1905, | 105 00 |
| Town of Winchester, for one year's interest on \$4,000 of its bonds, at 3½ per cent, to October 1, 1905 | 140 00 |
| City of Medford, for one year's interest on \$2,000 of its bonds, at 4 per cent, to Jan. 1, 1906 | 80 00 |
| National Bank of the Republic, for interest on deposit | 7 46 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 1,750 00 |
| Total received | <u>\$2,601 83</u> |

DISBURSEMENTS.

| | |
|---|------------|
| Adams & Co., for \$2,000 Commonwealth of Massachusetts 3½ per cent registered bonds, due January 1, 1930, at 104¼ | \$2,082 50 |
| 3 months 6 days' accrued interest | 18 67 |
| Cash deposited in the National Bank of the Re- public | 500 66 |
| | <hr/> |
| Total disbursed | \$2,601 83 |

The Park Loan Sinking Fund consists of the following property :

| | |
|--|-------------|
| City of Medford park loan 4 per cent bonds, due February 1, 1930 | \$6,000 00 |
| City of Medford 4 per cent municipal bond, due May 1, 1917 | 1,000 00 |
| City of Fall River 3½ per cent registered bond, due November 1, 1929 | 1,000 00 |
| City of Holyoke 3½ per cent bonds, due Decem- ber 1, 1914 | 3,000 00 |
| Town of Winchester 3½ per cent bonds, due October 1, 1929 | 4,000 00 |
| City of Medford 4 per cent public building bonds, due July 1, 1912 | 2,000 00 |
| Commonwealth of Massachusetts 3½ per cent registered bonds, due January 1, 1930 | 2,000 00 |
| Cash deposited in the National Bank of the Republic, at 2½ per cent interest | 500 66 |
| | <hr/> |
| Total | \$19,500 66 |

MEDFORD PERPETUAL CARE FUND LOAN.

RECEIPTS.

| | |
|--|----------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$368 55 |
|--|----------|

| | |
|--|-------------------|
| Town of Belmont, for one year's interest on \$2,000 of its bonds, at 3½ per cent, to December 1, 1905 | \$70 00 |
| Town of Belmont, for one year's interest on \$2,000 of its bonds, at 4 per cent, to October 1, 1905 | 80 00 |
| City of Everett, for one year's interest on \$1,650 note, at 4 per cent, to November 1, 1905 | 66 00 |
| City of New Bedford, for six months' interest on \$2,000 of its bonds, at 4 per cent, to January 1, 1906 | 40 00 |
| Medford National Bank, interest on deposit | 2 91 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 1,996 65 |
| Total received | <u>\$2,624 11</u> |

DISBURSEMENTS.

| | |
|--|-------------------|
| E. H. Rollins & Sons, for \$2,000 City of New Bedford 4 per cent registered bonds, due July 1, 1912, at 103.19 | \$2,063 80 |
| 5 months 21 days' accrued interest | 38 00 |
| Cash deposited in the Medford National Bank | 522 31 |
| Total disbursed | <u>\$2,624 11</u> |

The Medford Perpetual Care Fund Loan consists of the following property:

| | |
|---|------------|
| Town of Belmont 3½ per cent bonds, due June 1, 1911 | \$2,000 00 |
| Town of Belmont 4 per cent bonds, due October 1, 1911 | 2,000 00 |
| City of Everett 4 per cent note, due November 1, 1911 | 1,650 00 |
| City of New Bedford 4 per cent registered bonds, due July 1, 1912 | 2,000 00 |

| | |
|--|-------------------|
| Cash deposited in the Medford National Bank at 2½ per cent interest | \$522 31 |
| Total | <u>\$8,172 31</u> |

MEDFORD TRUST FUND LOAN.

| | |
|---|-------------------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$44 47 |
| Town of Hudson, for one year's interest on \$2,000 of its bonds, at 4 per cent, to Novem- ber 1, 1905 | 80 00 |
| Town of Belmont, for one year's interest on \$2,000 of its bonds, at 4 per cent, to October 1, 1905 | 80 00 |
| P. R. Litchfield, City Treasurer, city appropria- tion for 1905 | 1,359 85 |
| | <u>\$1,564 32</u> |

The Medford Trust Fund Loan consists of the following property :

| | |
|---|-------------------|
| Town of Hudson 4 per cent bonds, due May 1, 1911 | \$2,000 00 |
| Town of Belmont 4 per cent bonds, due Octo- ber 1, 1910 | 2,000 00 |
| Cash deposited in Medford National Bank, at 2½ per cent interest | 1,564 32 |
| Total | <u>\$5,564 32</u> |

OAK GROVE CEMETERY EXTENSION.

RECEIPTS.

| | |
|--|----------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$976 30 |
|--|----------|

| | |
|--|-----------------|
| Town of Winchester, for one year's interest on \$2,000 of its bonds, at 3½ per cent to October 1, 1905 | \$70 00 |
| Town of Belmont, for one year's interest on \$1,000 of its bonds, at 4 per cent, to October 1, 1905 | 40 00 |
| Medford National Bank, interest on certificates of deposit at 3 per cent | 33 58 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | <u>1,440 00</u> |
| Total received | \$2,559 88 |

The Oak Grove Cemetery Extension Loan Sinking Fund consists of the following property:

| | |
|--|-----------------|
| Town of Winchester 3½ per cent bonds, due October 1, 1912 | \$2,000 00 |
| Town of Belmont 4 per cent bonds, due October 1, 1912 | 1,000 00 |
| Cash deposited in the Medford National Bank, at 2½ per cent interest | <u>2,559 88</u> |
| Total | \$5,559 88 |

SCHOOLHOUSE SEWER CONNECTIONS SINKING FUND.

RECEIPTS.

| | |
|--|-------------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$140 63 |
| Town of Belmont, for one year's interest on \$1,000 bond, at 4 per cent, to Oct. 1, 1905 | 40 00 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 1,125 00 |
| Medford National Bank, interest on deposit | <u>7 21</u> |
| Total received | \$1,312 84 |

The Schoolhouse Sewer Connections Sinking Fund consists of the following property :

| | |
|--|-------------------|
| Town of Belmont 4 per cent bond, due October 1, 1912 | \$1,000 00 |
| Cash deposited in the Medford National Bank, at 2½ per cent interest | 1,312 84 |
| Total | <u>\$2,312 84</u> |

CITY NOTES.

RECEIPTS.

| | |
|--|-------------------|
| Balance deposited in the Medford Savings Bank, as per report of 1905 | \$754 25 |
| City of Everett, for one year's interest on \$1,650 note, at 4 per cent, to Nov. 1, 1905 | 66 00 |
| City of Cambridge, for six months' interest on \$2,000 of its bonds, at 3½ per cent, to November 1, 1905 | 35 00 |
| P. R. Litchfield, City Treasurer : | |
| Premium on \$5,643 24 note, due July 1, 1915, | 297 39 |
| " " 20,000 00 note, due July 1, 1915, | 1,010 00 |
| " " 8,000 00 note, due July 1, 1915, | 404 00 |
| " " 5,000 00 note, due Dec. 1, 1915, | 231 00 |
| " " 2,300 00 note, due Dec. 1, 1915, | 96 37 |
| " " 1,700 00 note, due Dec. 1, 1915, | 71 23 |
| " " 9,000 00 note, due Dec. 1, 1915, | 377 10 |
| Medford Savings Bank, dividends | 16 13 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 4,239 00 |
| Total received | <u>\$7,597 47</u> |

DISBURSEMENTS.

| | |
|---|------------|
| Merrill, Oldham & Co., for \$2,000 City of Cambridge registered 3½ per cent bonds, due May 1, 1913, at 100.85 | \$2,017 00 |
|---|------------|

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| | |
|--|------------|
| 2 months 7 days' accrued interest | \$13 03 |
| Parkinson & Burr, for \$5,000 City of Lawrence 4 per cent bonds, due Dec. 1, 1914, at 104.25, | 5,212 50 |
| 21 days' accrued interest | 11 67 |
| Cash deposited in the Medford National Bank | 343 27 |
| | <hr/> |
| Total disbursed | \$7,597 47 |

The City Notes Sinking Fund consists of the following property :

| | |
|---|------------|
| City of Everett 4 per cent note, due November 1, 1913 | \$1,650 00 |
| City of Cambridge 3½ per cent registered bonds, due May 1, 1913 | 2,000 00 |
| City of Lawrence 4 per cent bonds, due Decem- ber 1, 1914 | 5,000 00 |
| Cash deposited in the Medford National Bank, at 2½ per cent interest | 343 27 |
| | <hr/> |
| Total | \$8,993 27 |

METROPOLITAN PARK ASSESSMENT LOAN.

RECEIPTS.

| | |
|--|------------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$232 13 |
| Old Colony Railroad, for one year's interest on \$3,000 of its bonds, at 3½ per cent, to Janu- ary 1, 1906 | 105 00 |
| City of Medford, for one year's interest on \$1,000 of its bonds, at 4 per cent, to January 1, 1906 | 40 00 |
| Medford National Bank, interest on deposit | 2 19 |
| P. R. Litchfield, City Treasurer, city appropria- tion for 1905 | 675 00 |
| | <hr/> |
| Total received | \$1,054 32 |

The Metropolitan Park Assessment Loan Sinking Fund consists of the following property :

| | |
|--|------------|
| Old Colony Railroad 3½ per cent bonds, due July 1, 1932 | \$3,000 00 |
| City of Medford 4 per cent public building bond, due July 1, 1912 | 1,000 00 |
| Cash deposited in the Medford National Bank, at 2½ per cent interest | 1,054 32 |
| | <hr/> |
| Total | \$5,054 32 |

CITY STABLE LOAN.

RECEIPTS.

| | |
|--|----------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$270 64 |
| Town of Belmont, for one year's interest on \$1,000 bond, at 4 per cent, to Nov. 1, 1905 | 40 00 |
| Medford National Bank, interest on deposit | 90 |
| P. R. Litchfield, City Treasurer, city appropriation for 1905 | 600 00 |
| | <hr/> |
| Total received | \$911 54 |

The City Stable Loan Sinking Fund consists of the following property :

| | |
|--|------------|
| Town of Belmont 4 per cent bond, due November 1, 1924 | \$1,000 00 |
| Cash deposited in the Medford National Bank, at 2½ per cent interest | 911 54 |
| | <hr/> |
| Total | \$1,911 54 |

MEDFORD PERPETUAL CARE FUND.

RECEIPTS.

| | |
|--|-------------------|
| Balance deposited in the Medford National Bank, as per report of 1905 | \$679 86 |
| Washington County, Me., Railway Co., for one year's interest on \$5,000 of its bonds, at 3½ per cent, to January 1, 1906 | 175 00 |
| Medford National Bank, interest on deposit | 21 27 |
| P. R. Litchfield, City Treasurer, receipts for the year 1905 | 1,500 00 |
| Total received | <u>\$2,376 13</u> |

DISBURSEMENTS.

| | |
|---|-------------------|
| Edward W. Hayes, City Collector, income of fund to January 1, 1906 | \$196 27 |
| Cash deposited in the Medford National Bank | 2,179 86 |
| Total disbursed | <u>\$2,376 13</u> |

The Medford Perpetual Care Fund consists of the following property :

| | |
|---|-------------------|
| Washington County, Maine, Railway Co. 3½ per cent bonds, due January 1, 1954 | \$5,000 00 |
| Cash deposited in the Medford National Bank, at 2½ per cent interest | 2,179 86 |
| Total | <u>\$7,179 86</u> |

Fund created by Mrs. Kate L. S. Hoyle: "I give and bequeath to the City of Medford, for the care of the drinking fountain erected by me in said city on the corner of Spring and Salem Streets, three hundred dollars."

RECEIPTS.

| | |
|--|-----------------|
| Balance deposited in the Medford Savings Bank, as per report of 1905 | \$306 00 |
| Paid Edward W. Hayes, City Collector, income from fund to January 1, 1905 | 6 00 |
| | <u>300 00</u> |
| Received from Medford Savings Bank, dividends in the year 1905 | 10 70 |
| Total | <u>\$310 70</u> |

which is deposited in the Medford Savings Bank.

In compliance with the provisions of Sect. 12 of Chap. 27 of the Revised Laws and Sect. 8 of Chap. 6 of the City Ordinances, the Commissioners find the amounts to be raised the coming year for the Sinking Funds are as follows :

Medford Water Bonds.

Four per cent of \$125,000, issued
July 1, 1890, and payable July 1,
1910 \$5,000 00

City of Medford Water Fund Bonds.

Four per cent of \$68,000, issued Jan-
uary 1, 1894, and payable \$4,000
each year from January 1, 1906,
to January 1, 1923 2,720 00

Four per cent of \$25,000, issued Octo-
ber 1, 1894, and payable Octo-
ber 1, 1914; and \$25,000, issued
October 1, 1894, and payable Octo-
ber 1, 1919 2,000 00

Four per cent of \$63,000, issued July

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| | |
|---|-------------|
| 1, 1895, and payable between July 1, 1916, and July 1, 1923 . . . | \$2,520 00 |
| Three per cent of \$45,000, issued December 1, 1894, and payable December 1, 1922 . . . | 1,350 00 |
| Three per cent of \$26,000, issued July 1, 1896, and payable July 1, 1923 . . . | 780 00 |
| Three per cent of \$16,000, issued July 1, 1897, and payable July 1, 1923 . . . | 480 00 |
| Four per cent of \$15,000, issued January 1, 1903, and payable January 1, 1923 . . . | 600 00 |
| Four per cent of \$15,000, issued January 1, 1904, and payable January 1, 1924 . . . | 600 00 |
| Four per cent of \$8,000, issued January 2, 1905, and payable January 1, 1925 . . . | 320 00 |
| Four per cent of \$16,000, issued December 1, 1905, and payable December 1, 1925 . . . | 604 00 |
| | <hr/> |
| | \$17,010 00 |
| Surplus earnings of the Water Works for one year, ending Dec. 31, 1905, | 14,071 94 |
| | <hr/> |
| | \$2,938 06 |

Medford Public Building Loan Bonds.

| | |
|---|------------|
| Four per cent of \$45,000, issued July 1, 1893, and payable July 1, 1913 ; and \$56,000, issued November 1, 1894, and payable Nov. 1, 1914, | \$4,040 00 |
| Five and one-half per cent of \$103,000, issued July 1, 1895, | |

| | | |
|---|------------|-------------|
| and payable between July 1, 1907, and July 1, 1912 | \$5,665 00 | |
| Four per cent of \$18,000, issued July 1, 1895, and payable July 1, 1915 | 720 00 | |
| Four per cent of \$90,000, issued August 1, 1898, and payable Aug- ust 1, 1918 | 3,600 00 | |
| Four per cent of \$35,000, issued March 1, 1899, and payable March 1, 1919 | 1,400 00 | |
| Eight per cent of \$18,000, issued October 16, 1899, and payable October 16, 1909 | 1,440 00 | |
| | <hr/> | \$16,865 00 |

Medford Sewerage Loan Bonds.

| | | |
|--|------------|--|
| Three and one-half per cent of \$34,- 000, issued July 2, 1894, and pay- able, \$12,000 July 1, 1906, \$12,000 July 1, 1907, and \$10,000 July 1, 1915 | \$1,190 00 | |
| Two and one-half per cent of \$10,000, issued July 2, 1894, and payable July 1, 1924, and \$10,000 issued October 1, 1894, and payable Oc- tober 1, 1924 | 500 00 | |
| Three and one-half per cent of \$20,000, issued October 1, 1894, and payable \$10,000 October 1, 1906, and \$10,000 October 1, 1915, | 700 00 | |
| Two and one-half per cent of \$185,- 000 issued August 1, 1895, and payable between August 1, 1916, and August 1, 1923 | 4,625 00 | |
| Two and one-half per cent of \$20,000, issued July 1, 1896, and payable | | |

276 REPORT OF COMMISSIONERS OF SINKING FUNDS.

| | | |
|---|------------|------------|
| July 1, 1925; and \$41,000, issued July 1, 1896, and payable July 1, 1926 | \$1,525 00 | |
| | <hr/> | \$8,540 00 |

Medford Public Playground Loan Bonds.

| | | |
|---|----------|--------|
| Four per cent of \$14,000, issued December 1, 1894, and payable December 1, 1914 | \$560 00 | |
| Two and one-half per cent of \$9,000, issued May 1, 1903, and payable May 1, 1932 | 225 00 | |
| | <hr/> | 785 00 |

Medford Municipal Loan Bonds.

| | | |
|---|------------|-----------|
| Four per cent of \$200,000, issued May 1, 1897, and payable May 1, 1917 | \$8,000 00 | |
| Four per cent of \$100,000, issued January 1, 1898, and payable Jan- uary 1, 1918 | 4,000 00 | |
| Eight per cent of \$24,500, issued December 1, 1900, and payable December 1, 1910 | 1,960 00 | |
| | <hr/> | 13,960 00 |

City Notes Due Dec. 15, 1908.

| | | |
|---|--|----------|
| Eight per cent of \$45,000, issued December 15, 1898, and payable December 15, 1908 | | 3,600 00 |
|---|--|----------|

Medford Park Loan Bonds.

| | | |
|--|------------|----------|
| Two and one-half per cent of \$50,000, issued February 1, 1900, and pay- able February 1, 1930 | \$1,250 00 | |
| Two and one-half per cent of \$20,000, issued July 1, 1902, and payable July 1, 1932 | 500 00 | |
| | <hr/> | 1,750 00 |

Medford Trust Fund Loan.

Nine per cent of \$15,109.42, payable
February 1, 1912 \$1,359 85

Oak Grove Cemetery Extension.

Eight per cent of \$18,000, issued
January 1, 1903, and payable Jan-
uary 1, 1913 1,440 00

Metropolitan Park Assessment Loan.

Two and one-half per cent of \$27,000,
issued November 1, 1902, and pay-
able November 1, 1932 675 00

Perpetual Care Fund Loan.

Nine per cent of \$22,185, payable
February 1, 1912 1,996 65

Schoolhouse Sewer Connection.

Nine per cent of \$12,500, issued July
15, 1903, and payable July 15,
1913 1,125 00

Lincoln Schoolhouse Loan.

Four per cent of \$45,000, issued May
1, 1903, and payable May 1, 1922, 1,800 00

City Notes.

Nine per cent of \$4,000, issued
December 1, 1903, and payable
December 1, 1913 \$360 00

Nine per cent of \$17,500, issued
December 1, 1904, and payable
December 1, 1914 1,575 00

Nine per cent of \$3,450, issued
December 1, 1904, and payable
December 1, 1913 310 50

| | |
|--|------------------|
| Nine per cent of \$12,000, issued December 1, 1904, and payable December 1, 1914 | \$1,080 00 |
| Nine per cent of \$6,500, issued December 1, 1904, and payable December 1, 1914 | 585 00 |
| Nine per cent of \$3,650, issued Janu- ary 2, 1905, and payable January 1, 1915 | 328 50 |
| Nine per cent of \$5,643.24, issued July 1, 1905, and payable July 1, 1915 | 507 87 |
| Nine per cent of \$20,000, issued July 1, 1905, and payable July 1, 1915, | 1,800 00 |
| Nine per cent of \$8,000, issued July 1, 1905, and payable July 1, 1915, | 720 00 |
| Nine per cent of \$5,000, issued December 1, 1905, and payable December 1, 1915 | 450 00 |
| Nine per cent of \$2,300, issued December 1, 1905, and payable December 1, 1915 | 207 00 |
| Nine per cent of \$1,700, issued December 1, 1905, and payable December 1, 1915 | 153 00 |
| Nine per cent of \$9,000, issued December 1, 1905, and payable December 1, 1915 | 810 00 |
| | <hr/> \$8,886 87 |

City Stable.

| | |
|--|-------------------|
| Four per cent of \$15,000, issued June 1, 1904, and payable June 1, 1924, | 600 00 |
| | <hr/> \$63,383 37 |

And the Commissioners have certified to the City Auditor

that this amount of \$63,383.37 is required to be raised by taxation for the Sinking Funds, and is to be put in to the yearly appropriation for the ensuing year.

Respectfully submitted,

SAMUEL C. LAWRENCE,
N. P. HALLOWELL,
LEWIS H. LOVERING,
DANIEL W. LAWRENCE,
WILLIAM CUSHING WAIT,
EVERARD I. LANGELL,
Commissioners of Sinking Funds.

Medford, January 10, 1906.

REPORT
OF THE
INSPECTOR OF WIRES.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

Sir,—I herewith submit to you my first annual report as Inspector of Wires for the fourteen months ending March 1, 1906.

| | |
|---|----|
| Installations reported at the office | 84 |
| Installations inspected | 90 |
| Installations for motors | 4 |
| Dead and dangerous wires removed | 6 |
| Dead and dangerous wires reported to owners and remedied | 1 |
| Poles condemned | 2 |

Respectfully submitted,

GEORGE E. DUNCKLEE,

Inspector of Wires.

REPORT
OF THE
BOARD OF ASSESSORS.

MEDFORD, January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

DEAR SIR,— The Board of Assessors herewith submits its annual report for the year ending December 31, 1905.

Warrants have been received from the State, County and from the Board of Aldermen for the following amounts:

| | |
|----------------------------------|--------------|
| State tax | \$25,920 00 |
| Middlesex County tax | 21,283 07 |
| Metropolitan Sewer tax | 18,421 41 |
| Metropolitan Park tax | 17,579 63 |
| City tax | 398,823.99 |
| | \$482,028 10 |
| Amount of overlay | 7,476 08 |
| | \$489,504 18 |

The above has been provided for as follows:

| | |
|---|----------------|
| Poll taxes | \$11,390 00 |
| Bank and Corporation tax | 21,257 00 |
| Unexpended balances | 1,317 97 |
| Miscellaneous receipts | 1,000 00 |
| Real estate taxes (at \$21.40 per \$1,000) | 393,621 97 |
| Personal estate taxes (at \$21.40 per \$1,000), | 60,917 24 |
| | **\$489,504 18 |

VALUATION OF THE CITY.

(May 1, 1905.)

| | No. of Polls. | Personal Estate. | Real Estate. | |
|----------|---------------|------------------|--------------|-------------|
| | | | Buildings. | Land. |
| Ward 1 . | 641 | \$44,700 | \$1,039,850 | \$693,600 |
| Ward 2 . | 944 | 175,750 | 1,290,700 | 1,064,700 |
| Ward 3 . | 653 | 1,754,600 | 1,684,450 | 2,551 750 |
| Ward 4 . | 1,036 | 242,750 | 1,363,000 | 1,150 350 |
| Ward 5 . | 1,024 | 37,850 | 1,398,800 | 1,160 050 |
| Ward 6 . | 1,004 | 481,700 | 1,802,900 | 1,853,250 |
| Ward 7 . | 393 | 109,250 | 587,100 | 753,050 |
| Totals, | 5,695 | \$2,846,600 | \$9,166,800 | \$9,226,750 |

at \$2.00 per poll, \$11,390

Total valuation, May 1, 1905 . . . \$21,240,150

Rate per \$1,000, \$21.40.

*Amount of taxes committed to the Collector

| | |
|---|--------------|
| (polls, personal and real estate) . . . | \$465,929 21 |
| Sewer apportionments | 1,560 13 |
| Sewer apportionment interest | 218 90 |
| Sidewalk apportionments | 194 50 |
| Sidewalk apportionment interest | 8 48 |
| Street watering assessments | 6,758 25 |

Total amount committed to Collector in original warrants \$474,669 47

Supplementary warrants (including \$270.52 excise tax, Boston & Northern Street Railway Company 1,058 50

Total amount committed to Collector for year 1905 \$475,727 97

*Amount of Bank and Corporation tax, miscellaneous receipts and unexpended balance deducted from **

ABATED TAXES, POLLS, PERSONAL AND REAL ESTATE.

| | |
|-------------------------|------------|
| Taxes of 1898 | \$28 70 |
| Taxes of 1899 | 37 20 |
| Taxes of 1900 | 38 80 |
| Taxes of 1901 | 41 60 |
| Taxes of 1902 | 91 |
| Taxes of 1903 | 669 44 |
| Taxes of 1904 | 2,470 58 |
| Taxes of 1905 | 5,415 27 |
| | <hr/> |
| Total | \$8,702 50 |

| | |
|---|------------|
| Total amount of abatements certified to Collector | \$8,688 59 |
| Total amount of abatements certified to Treasurer | 13 91 |
| | <hr/> |
| Total | \$8,702 50 |

ABATEMENTS ON STREET WATERING AND SEWER APPORTIONMENTS.

Street Watering.

| | |
|--------------------------------------|---------|
| Street watering added to 1903 taxes, | \$8 85 |
| Street watering added to 1904 taxes, | 5 53 |
| Street watering added to 1905 taxes, | 17 54 |
| | <hr/> |
| Total | \$31 92 |

Sewer Apportionments.

| | |
|-------------------------------------|---------|
| Apportionments added to 1903 taxes, | \$10 28 |
| Apportionments added to 1904 taxes, | 10 28 |
| | <hr/> |
| Total | \$20 56 |

REASSESSED TAXES, PERSONAL AND REAL ESTATE.

| | | |
|-------------------------|----------|------------|
| Taxes of 1903 | \$437 58 | |
| Taxes of 1904 | 209 62 | |
| Taxes of 1905 | 367 01 | |
| | <hr/> | |
| Total | | \$1,014 21 |

REASSESSMENTS OF STREET WATERING AND SEWER
APPORTIONMENTS.*Street Watering.*

| | | |
|--------------------------------------|--------|---------|
| Street watering added to 1903 taxes, | \$8 85 | |
| Street watering added to 1904 taxes, | 5 53 | |
| Street watering added to 1905 taxes, | 7 38 | |
| | <hr/> | |
| Total | | \$21 76 |

Sewer Apportionments.

| | | |
|-------------------------------------|---------|---------|
| Apportionments added to 1903 taxes, | \$10 50 | |
| Apportionments added to 1904 taxes, | 11 03 | |
| | <hr/> | |
| Total | | \$21 53 |

Number of residents assessed on property :

| | | |
|---|-------|-------|
| Individuals | 2,051 | |
| All others (firms, corporations, etc.), | 325 | |
| | <hr/> | |
| Total | | 2,376 |

Number of non-residents assessed on property :

| | | |
|---|-------|-------|
| Individuals | 907 | |
| All others (firms, corporations, etc.), | 246 | |
| | <hr/> | |
| Total | | 1,153 |

Number of persons, etc., assessed :

| | | |
|-----------------------------|-------|-------|
| On property | 3,529 | |
| For poll tax only | 4,661 | |
| | | |
| Total | | 8,190 |

| | |
|---|--------|
| Number of militia (between 18 and 45 years), | 4,040 |
| Number of polls | 5,695 |
| Tax on each poll | \$2.00 |
| Number of horses | 723 |
| Number of cows | 319 |
| Number of neat cattle other than cows | 6 |
| Number of dogs | 916 |
| Number of dwelling houses | 3,651 |
| Number of acres of land (about) | 5,120 |

SEWER APPORTIONMENTS.

| | |
|---|------------|
| January 2, 1905, there remained in the hands of the Assessors sewer apportionments amounting to . | \$2,687 53 |
| Aug. 30, 1905, the Water and Sewer Commissioners certified sewer apportionments amounting to . | 1,138 26 |
| | \$3,825 79 |

| | |
|--|------------|
| Sewer apportionments added to taxes of 1905, | \$1,560 13 |
| Advance payments on apportionments certi- fied by Collector from January 2, 1905, to December 31, 1905 | 614 45 |
| Balance of apportionments in the hands of the Assessors January 1, 1906 | 1,651 21 |
| | \$3,825 79 |

SIDEWALK APPORTIONMENTS.

| | |
|--|----------|
| January 2, 1905, there remained in the hands of the Assessors sidewalk apportionments amounting to . . . | \$468 11 |
| Amount of sidewalk apportionments certified from January 2, 1905, to December 31, 1905 | 115 54 |
| | <hr/> |
| | \$583 65 |
| Amount of sidewalk apportionments added to taxes of 1905 | \$194 50 |
| Balance of sidewalk apportionments in the hands of the Assessors January 1, 1906 | 389 15 |
| | <hr/> |
| | \$583 65 |

Respectfully submitted,

HENRY WITHINGTON,
EDWARD S. RANDALL,
M. G. CURTIS,

Board of Assessors.

REPORT
OF THE
OVERSEERS OF THE POOR.

MEDFORD, January 1, 1906.

To the Hon. Michael F. Dwyer, Mayor, City of Medford:

SIR,—The Overseers of the Poor herewith respectfully submit their annual report for the year ending December 31, 1905.

ALMSHOUSE.

On January 1, 1906, the number of inmates was twenty-two.

| Names. | Age. | Admitted. |
|---------------------------|------|----------------|
| John Richmond . . . | 58 | Dec. 23, 1892 |
| Mary Richmond . . . | 48 | Dec. 23, 1892 |
| Robert Dowling . . . | 49 | Sept. 13, 1898 |
| Elizabeth Ripley . . . | 84 | Mar. 22, 1898 |
| William Connor . . . | 47 | Mar. 15, 1895 |
| Smith McConnell . . . | 69 | Nov. 14, 1899 |
| Elizabeth McDougall . . . | 70 | July 6, 1901 |
| Prescott Whitcomb . . . | 85 | Feb. 11, 1903 |
| William Nash . . . | 67 | April 28, 1903 |
| Felix Stone . . . | 69 | June 23, 1903 |
| Bridget Lucas . . . | 70 | June 25, 1904 |
| Ruth A. Gray . . . | 25 | Nov. 6, 1904 |
| William B. Currant . . . | 72 | Nov. 22, 1904 |
| Cora E. Hayden . . . | 40 | April 14, 1905 |
| Hannah Chosse . . . | 65 | April 25, 1905 |
| Albert R. Kervin . . . | 55 | May 8, 1905 |
| Thomas P. Richards . . . | 61 | May 24, 1905 |
| James J. Glennon . . . | 66 | July 25, 1905 |

| Names. | Age. | Admitted. |
|-------------------------|------|---------------|
| Terrence Kelley . . . | 56 | Oct. 19, 1905 |
| Daniel O'Brien . . . | 41 | Oct. 26, 1905 |
| Robert Mooney . . . | 54 | Nov. 21, 1905 |
| Catherine Kennedy . . . | 73 | Dec. 2, 1905 |

Admitted during the year 1905 :

| Names. | Age. | Admitted. |
|---------------------------|------|----------------|
| Daniel O'Brien . . . | 41 | Jan. 10, 1905 |
| Miles G. Sweeney . . . | 47 | Feb. 16, 1905 |
| John C. Crowley . . . | 56 | April 5, 1905 |
| Cora E. Hayden . . . | 40 | April 14, 1905 |
| Hannah Chosse . . . | 65 | April 25, 1905 |
| Albert R. Kervin . . . | 55 | May 8, 1905 |
| Thomas Richards . . . | 61 | May 24, 1905 |
| James J. Glennon . . . | 66 | July 15, 1905 |
| Patrick J. McCarthy . . . | 58 | Sept. 20, 1905 |
| Daniel O'Brien . . . | 41 | Sept. 21, 1905 |
| Terrence Kelley . . . | 56 | Oct. 19, 1905 |
| John H. Senter . . . | 83 | Oct. 19, 1905 |
| Daniel O'Brien . . . | 41 | Oct. 26, 1905 |
| Michael J. Murphy . . . | 36 | Nov. 7, 1905 |
| Robert Mooney . . . | 54 | Nov. 21, 1905 |
| Catherine Kennedy . . . | 73 | Dec. 2, 1905 |

Discharged during the year 1905 :

| Names. | Date. |
|---------------------------|----------------|
| Thomas Richards . . . | April 6, 1905 |
| Patrick J. McGuire . . . | July 25, 1905 |
| Terrence Kelley . . . | April 25, 1905 |
| Daniel O'Brien . . . | Mar. 29, 1905 |
| Miles G. Sweeney . . . | Mar. 8, 1905 |
| John C. Crowley . . . | April 27, 1905 |
| Patrick J. McCarthy . . . | Nov. 15, 1905 |
| Daniel O'Brien . . . | Oct. 9, 1905 |
| John H. Senter . . . | Nov. 6, 1905 |
| Michael J. Murphy . . . | Nov. 10, 1905 |

DIED.

| | |
|---|--------------|
| Elmira Daniels | Aug. 8, 1905 |
| Number of inmates January 1, 1905 | 17 |
| Number admitted during 1905 | 16 |
| Discharged during 1905 | 10 |
| Died | 1 |
| | <hr/> |
| Number January 1, 1906 | 22 |

The gross expense for the year has been :

| | |
|--|------------|
| Salary of superintendent and matron, | \$700 00 |
| Labor, as per pay-rolls | 827 02 |
| Groceries and provisions | 1,164 53 |
| Clothing, shoes, etc. | 146 38 |
| Grain | 60 25 |
| Fuel | 352 35 |
| Gas | 99 11 |
| Water | 32 00 |
| Ice | 33 41 |
| Medicine | 79 19 |
| Telephone | 34 04 |
| Tobacco | 43 67 |
| Two pigs | 10 00 |
| Plowing | 10 00 |
| One cow | 64 00 |
| One harrow | 18 00 |
| Seeds | 9 80 |
| Incidentals and repairs | 214 59 |
| Sewerage drain and cesspools | 224 25 |
| | <hr/> |
| | \$4,122 59 |

The net expense has been \$3,824 40

Average number of inmates monthly, 19½
 Cost per capita per week . . . \$3 95

Our receipts have been as follows :

| | | |
|---|------------|-------------------|
| Appropriation | \$3,800 00 | |
| Board of John C. Crowley | 22 00 | |
| Estate C. P. Brooks | 158 00 | |
| W. J. Geary, produce | 17 05 | |
| Medford Dairy Co. | 15 00 | |
| F. P. Kent | 35 35 | |
| J. H. Gowing | 10 85 | |
| John Crowley | 2 25 | |
| William N. Curtis | 26 45 | |
| E. J. Hervey Co. | 9 00 | |
| C. R. Drew | 2 24 | |
| Transferred from outside relief | 24 40 | |
| | | <u>\$4,122 59</u> |

OUTSIDE RELIEF.

The expenditures for this department have been :

| | | |
|--|------------|-------------------|
| For persons having a Medford settle- ment and living in Medford | \$1,783 83 | |
| For persons having a Medford settle- ment and living elsewhere | 575 10 | |
| For persons living in Medford and settled elsewhere | 582 80 | |
| For persons living in Medford and having no settlement | 515 40 | |
| Incidentals | 189 53 | |
| | | <u>\$3,646 66</u> |
| Transferred to Soldiers' Relief | \$400 00 | |
| Transferred to Special Police | 930 00 | |
| Transferred to Almshouse | 24 40 | |
| | | <u>1,354 40</u> |
| Unexpended | | 471 21 |
| | | <u>\$5,472 27</u> |

Our receipts have been as follows :

| | | |
|---|------------|------------------|
| Appropriation | \$4,000 00 | |
| City of Boston | 203 98 | |
| City of Gloucester | 142 40 | |
| City of Lawrence | 116 39 | |
| City of Malden | 41 38 | |
| City of New Bedford | 2 00 | |
| City of Quincy | 4 00 | |
| City of Somerville | 36 50 | |
| Town of Bridgewater | 66 00 | |
| Town of Milton | 12 00 | |
| Town of Sandwich | 54 00 | |
| Town of Winchester | 4 41 | |
| Calvin H. Clark, guardian | 21 88 | |
| Commonwealth of Massachusetts | 767 33 | |
| | | ————— \$5,472 27 |

The number of persons given outside relief, including the insane, from 1893 to 1904 inclusive, was in :

| | |
|--------------------------------------|------------|
| 1893, 345 at an expense of | \$7,881 87 |
| 1894, 383 at an expense of | 8,366 18 |
| 1895, 308 at an expense of | 6,416 39 |
| 1896, 352 at an expense of | 6,525 56 |
| 1897, 408 at an expense of | 8,000 76 |
| 1898, 418 at an expense of | 8,261 74 |
| 1899, 448 at an expense of | 7,751 10 |
| 1900, 455 at an expense of | 7,689 63 |
| 1901, 407 at an expense of | 7,895 31 |
| 1902, 479 at an expense of | 8,213 30 |
| 1903, 354 at an expense of | 7,015 12 |
| 1904, 378 at an expense of | *5,387 24 |
| 1905, 326 at an expense of | †3,646 66 |

It will be seen by the foregoing tables that the expense of maintenance of the almshouse is less than for the previous year, although the number of inmates was larger.

*Insane for 3 months.

†No insane.

Nearly all of the present inmates are unable to do any work; some are so sick or infirm that they require considerable attention.

The condition of the land has been somewhat improved during the past year. It is well known that much of our land is filled with stones and ledges, the soil shallow; consequently if the season is dry the crops are a failure.

The outbuildings need repairing and painting. A new fence should be built on the east side of the main entrance to the grounds as soon as practicable.

We recommend for the —

| | |
|---|----------|
| Repairs to the outbuildings and painting them, and for a new fence on the east side of the entrance | \$750 00 |
| For maintenance of almshouse | 4,500 00 |
| For outside relief | 3,500 00 |

And all moneys received from the sale of produce, from the Commonwealth and other cities and towns for aid rendered.

Respectfully submitted,

CALVIN H. CLARK,
JOHN CROWLEY,
JOHN W. BRAGDON,
Overseers of the Poor.

REPORT
OF THE
TRUSTEES OF THE PUBLIC LIBRARY.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

SIR,—The Trustees of the Public Library beg leave to present the following report for the year 1905 :

The library pursues its quiet and effective work, which is much the same from year to year. Some departments of the city have more to show of immediate palpable gains. New streets built, buildings erected, parks constructed, make a larger figure to the eye. But if the best thing a city does is its contribution to the enlargement and enrichment of the life of its citizens, then the library like the schools holds a place of first importance. It is not mere conjecture that the library serves this desirable end, for less and less is its function that of diversion, to fill idle hours with innocent amusement. More vitally year by year is it related to education, and assumes the office of wisely directing the reading of the young and of aiding them in serious studies by providing sources of information and competent guidance. In the work with the children and in the reference department these ends are kept in view and are accomplished.

The library deeply mourns the loss of one of its most faithful friends, Mr. James A. Hervey. He held an unbroken connection with it as a trustee from the year 1869 until his death last September, a period of more than thirty-five years. It was a work in which his heart was as warmly enlisted as his mind. Himself a lover of books and widely and deeply conversant with them, his discernment and taste were of great value in the gathering of our library. At the

time of coming into the present building when a considerable sum was placed at the disposal of the trustees for the purchase of books, Mr. Hervey's knowledge was invaluable in the selection of our excellent reference department, and the same intelligent and conscientious care marked his whole period of service. His kind and generous spirit, of which genial humor was a marked characteristic, endeared him especially to his colleagues and to the librarians in whom he was always deeply interested.

The report of the librarian contains much information as to the work of the year.

REPORT OF THE LIBRARIAN.

To the Trustees of the Medford Public Library:

Gentlemen,—The fiftieth annual report of the library is herewith presented. The appended statistics furnish all needed information about the condition and work of the library. These statistics vary so slightly from year to year that little comment seems necessary. The circulation, 80,922, is about 5,000 less than last year; the reason for this is, probably, because the limit of time for books circulated has been made two weeks instead of seven days as last year. In most libraries a certain number of books are limited to seven days, but a fourteen days' time appears to be more satisfactory here. The books are subject to recall, however, if needed by another person.

The adult readers maintain about the same per cent of fiction reading, 73 per cent, a decrease of only 2 per cent over last year. The juvenile per cent is 42. In examining other library reports I find the per cent of fiction circulated varies: Hyde Park, 79.8; Malden, 74; Haverhill, 65; Lancaster, 30; but these records are of adult and juvenile fiction taken together. On that basis our own would be 57, the children's smaller per cent helping to make a better showing for the whole. We deplore, however, the necessity

for devoting so large a proportion of money and space to the fiction department.

An attempt has been made to call attention to an account of an experiment in popularizing the study of fiction by R. G. Moulton in his "Four Years of Novel Reading." The plan consists in the reading by all the members of a "Classical Novel Reading Union" of the same novel at the same period, while the announcement of the novel to be read is accompanied with suggestions coming from some "literary authority" of some one or two points to be noted in the book; then follow meetings for discussing the novel. There have been put on a blackboard in the delivery room from time to time the lists of the different novels styled classic, giving with the list the suggestions designed to call out the points and lessons to be found in the different books; the experiment has not been tried here long enough to speak confidently of results, but if well followed we think it must result in good, for certainly "taste in fiction needs training" and it "can be cultivated only by reading and re-reading the works of the great masters, with docile attention always and sometimes with distinct effort and study."

In this same line Georg Brandes in a recent article "On reading" asks "Why should we read? What should we read? How should we read?" He asserts that "nowadays there are few people who can read at all, who enjoy reading and gain some advantage from this reading." To his question "Why should we read?" his summary is "to increase our knowledge, divest ourselves of prejudices and in an even greater degree become personalities. What should we read? The books that attract and hold us fast, because they are exactly suited for us. How ought we to read? First with affection; next with criticism, and lastly with the aim of fully understanding and making our own the moral lesson to be found in every event narrated. A whole world can thus open out to us in a single book."

The Bodley Club service the past few months has not given entire satisfaction; a change, therefore, has been

made; books being taken from the Booklover's and Tabard Inn libraries from the agency in Boston. A great many books have been purchased the past year from booksellers' remainders, clearance sales and auctions; in this way we have been able to obtain many valuable books at greatly reduced prices. From the auction sales we have added a few works to our Medford-author department; several poems and pamphlets by Rev. John Pierpont; Miscellaneous poems by Mrs. Susanna Rowson, and one song written by her in 1797; this was substituted for one in O'Keeffe's "Highland reel, a comic opera in three acts as performed", at that time, "with universal applause at the theatre, Federal street, Boston."

The work with the schools has been crippled this year for lack of books; in this work, the most important in the library, the books wear out very rapidly by constant use, and it requires a large appropriation to keep this department in good working condition. The books sent to the Sunday schools also deplete our supply. There are now eighty-two day schools and five Sunday schools to which books are sent; of the former these include all but the high and kindergarten schools. Some librarians from other places have expressed much surprise that this work with the schools is so extended, as I find in most places books are sent only to those schools desiring them. The reason for so complete a service here is due largely to the influence of the Superintendent of Schools, Mr. Morss, who appreciates the value of the work and testifies to the good accomplished by this free distribution of good material. In most cities and towns where the connection with the library and schools is close, the books sent to the schools have mainly some connection with their special studies; we claim, however, that our field is a broader one, and that by sending books chosen purely for their literary merit in all departments of literature the young people are receiving a more extended outlook and are acquiring a taste for only the best; this we feel is well exemplified by the

small per cent of fiction which the young people's own selection includes.

Miss Grace Darling, a student of Simmons College, Boston, has, for the past few months, voluntarily spent two or three hours every Saturday afternoon with the children in the library. A part of the time is devoted to "story telling"; a part to bulletin work and other interests. She finds that the scholars here are already familiar with many of the classic stories; they have been taught them in the schools by the teachers at the suggestion of the Superintendent of Schools, and books illustrating them are also sent into the schools from the library, but these stories continue to hold the interest of the children, who never seem to weary of listening to them or repeating them themselves. Our room is very small and inconvenient for this work, for it means moving two heavy curio cases each week to make room for the forty or more young people; but we are watching the experiment with much interest, as it really seems to be in the line advocated by Mr. Brandes, with which we heartily sympathize. He says, "Better by far read ten books about one thing or about one man, than a hundred books about a hundred different things."

Books and periodicals have, for the past three months, been sent to the City Farm, where they are kept as long as desired. Mr. Gowan, the superintendent, carries the books back and forth. Thus we have added one more to the delivery stations of the library.

An additional feature this year has been the introduction of stereoscopic photographs of different places. These views have the indorsement of many prominent educators; "schools and public libraries are turning more and more to the stereoscope to put their students and readers in touch with the actual places of which they are studying." These views are loaned to those wishing to study a special place, as books are loaned; there are now in the library, with accompanying guide-books, views of Italy, Switzerland, Japan,

Russia, Egypt, Palestine, the Yellowstone National Park and a few smaller miscellaneous sets.

The library is to be congratulated that in 1899, seven years ago, the economy and durability of Chivers' Duroflexile binding was recognized and that the Trustees were willing to try the experiment of having the books needing rebinding bound according to this method. The result has proved the wisdom of that decision, as during the last two years the larger libraries of Brooklyn, New York, and also some in Massachusetts have come to see its merit and are having their work done with the same firm.

Of the gifts the most notable is that entitled "The Bishop Collection; investigations and studies in jade," privately printed, New York, 1906, 2 vols. Vol. 1 weighs 70 pounds; vol. 2 weighs 55 pounds. These volumes represent the work of the late Mr. Heber R. Bishop, formerly of Medford. The collection of jade that these volumes describe and illustrate was commenced in the year 1870. After having secured all the finest specimens obtainable in Europe suitable for the collection, Mr. Bishop went to China; his researches were confined to art objects only, and chiefly to those from China and India; but as his interest increased he added many specimens of crude material, and in this connection visited Alaska, British Columbia, Oregon, California and Mexico, and again different parts of Europe. The completed collection numbers 900 specimens which have been catalogued under these headings — Mineralogical, Archaeological and Art objects. "The edition is limited to 100 copies intended to be distributed to all nations in order that through their public libraries the scholar and writer may find them available for reference." We, therefore, feel much pleased and proud that through Mr. Bishop's connection with Medford the library has received this magnificent work. By the bequest of Miss Mary R. Bishop, daughter of Mr. Nathaniel H. Bishop, has also come to the library a very beautifully bound copy of Tissot's Life of Christ in 4 vol-

umes. A catalogue of the Morgan collection of Chinese porcelain loaned to the Metropolitan Museum of Art has been donated by the collector, J. Pierpont Morgan. This is an exquisitely illustrated and handsomely bound book and gives wonderfully perfect reproductions of many pieces of the porcelain in the collection. This book was printed for the private use of the donor.

The books by purchase which deserve special attention are as follows: British Theatre, 34 volumes; Cambridge Modern History, vol. 3; Percival Landon's Opening of Thibet; L. H. Bailey's Nature Portraits; People's Natural History, 5 vols.; Garnett-Gosse's Illustrated History of English Literature, 4 vols.; Desmond's Stately Homes in America; Dexter Genealogy; Cowan's Mary Queen of Scots; Evans' American Bibliography, vol. 2; History of all Nations, 18 vols.; M. H. Lansdale's Scotland, 4 vols.; R. Pumpelly's Expedition in Turkestan; G. F. Williams' Diamond Mines of South Africa, 2 vols.; Stirling-Maxwell's Annals of the Artists of Spain, 4 vols.

It is impossible to close this report without alluding, though with much sadness, to the great personal loss we have sustained in the death of a valued member of your Board, Mr. James A. Hervey. By his cheering presence and chivalric manner he won the respect and esteem of all the library force. He was ever ready to recognize merit and anxious for the library to enter into all work that tended toward progress. His smile was an inspiration and a benediction and as one of nature's noblemen he will always be held in loving remembrance by all who came within the sphere of his influence.

The additions by purchase according to classes are as follows:

| | |
|-----------------------------------|----|
| General works | 16 |
| Philosophy and religion | 41 |
| Biography | 95 |

| | |
|-----------------------------------|-----|
| History | 106 |
| Description and travel | 166 |
| Social sciences | 52 |
| Science | 132 |
| Useful arts | 44 |
| Fine arts | 91 |
| Language and literature | 331 |
| Fiction | 352 |

The increased registration of borrowers for the year was 1,148, divided as follows: men, 212; women, 433; boys, 245; girls, 258. The whole number of patrons was 4,856; the number of books accessioned and catalogued was 2,009.

| | |
|--|--------|
| The number of books in the library Jan. 1, 1905, | 28,046 |
| Volumes added by purchase | 1,426 |
| Volumes added by gift | 450 |
| Volumes added from the Reading Room, | 133 |
| | <hr/> |
| | 30,055 |
| Number of books worn out or discarded, | 372 |
| | <hr/> |
| Number of books in the library Dec. 31, 1905, | 29,683 |
| Number of volumes replaced | 635 |
| Number of juvenile books added | 703 |
| Number of books repaired in the library, | 733 |
| Number of books covered | 12,681 |
| Number of books collated | 518 |
| Number of books lettered | 14,086 |
| Number of catalogue cards written | 2,721 |
| Number of postals sent for books reserved, | 328 |
| Number of postals sent for donations | 462 |
| Number of postals sent for overdue books, | 1,071 |

Respectfully submitted,

MARY E. SARGENT,
Librarian.

MONTHLY CIRCULATION, 1905.

| | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Total. | A. Per cent. | J. Per cent. |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------------|--------------|
| Periodicals . . . *A | 214 | 203 | 233 | 234 | 179 | 145 | 168 | 152 | 198 | 250 | 278 | 212 | 2,461 | 5 | |
| | †j | 30 | 42 | 47 | 32 | 22 | 16 | 30 | 22 | 27 | 41 | 25 | 369 | | 1 |
| Philosophy and Religion . . . A | 81 | 99 | 103 | 103 | 80 | 44 | 51 | 46 | 67 | 78 | 72 | 67 | 891 | 2 | |
| | j | 96 | 115 | 123 | 97 | 102 | 45 | 180 | 9 | 5 | 70 | 152 | 1,168 | | 3 |
| Biography . . . A | 87 | 129 | 135 | 107 | 102 | 75 | 90 | 57 | 81 | 82 | 103 | 103 | 1,121 | 2 | |
| | j | 75 | 113 | 88 | 100 | 104 | 20 | 78 | 15 | 17 | 55 | 142 | 1,009 | | 3 |
| Fiction . . . A | 3,018 | 3,035 | 3,520 | 2,900 | 2,006 | 2,195 | 2,583 | 2,611 | 2,828 | 2,818 | 2,849 | 3,100 | 34,063 | 73 | |
| | j | 1,152 | 1,378 | 1,299 | 1,349 | 1,285 | 628 | 1,063 | 478 | 401 | 842 | 1,410 | 14,267 | | 42 |
| History . . . A | 144 | 139 | 164 | 108 | 110 | 70 | 50 | 64 | 89 | 116 | 111 | 137 | 1,302 | 3 | |
| | j | 127 | 181 | 124 | 142 | 136 | 50 | 44 | 18 | 16 | 95 | 209 | 1,411 | | 4 |
| Geography and Travels . . . A | 123 | 153 | 172 | 118 | 104 | 88 | 82 | 64 | 102 | 124 | 109 | 96 | 1,335 | 3 | |
| | j | 155 | 237 | 216 | 195 | 213 | 88 | 195 | 25 | 27 | 112 | 227 | 2,182 | | 6 |
| Social Sciences, A | 39 | 54 | 61 | 54 | 65 | 32 | 18 | 20 | 32 | 46 | 44 | 44 | 509 | 1 | |
| | j | 6 | 18 | 12 | 18 | 8 | 11 | 16 | 5 | 6 | 8 | 16 | 67 | | 1 |
| Natural Sciences, A | 52 | 55 | 75 | 103 | 113 | 61 | 67 | 68 | 62 | 63 | 55 | 71 | 845 | 2 | |
| | j | 317 | 377 | 429 | 435 | 494 | 156 | 205 | 29 | 28 | 180 | 415 | 726 | | 11 |
| Fine and Useful Arts . . . A | 137 | 145 | 157 | 141 | 136 | 112 | 71 | 79 | 111 | 121 | 121 | 139 | 1,470 | 3 | |
| | j | 65 | 104 | 102 | 93 | 120 | 53 | 68 | 53 | 47 | 80 | 139 | 1,113 | | 3 |
| Literature . . . A | 260 | 307 | 325 | 225 | 176 | 127 | 105 | 138 | 199 | 232 | 244 | 232 | 2,570 | 6 | |
| | j | 725 | 932 | 957 | 988 | 973 | 426 | 547 | 160 | 193 | 553 | 1,002 | 8,796 | | 26 |
| Total . . . A | 4,155 | 4,319 | 4,945 | 4,093 | 3,671 | 2,949 | 3,255 | 3,299 | 3,764 | 3,930 | 3,980 | 4,201 | 46,567 | | |
| | j | 2,744 | 3,494 | 3,392 | 3,464 | 3,407 | 1,514 | 2,472 | 822 | 702 | 2,022 | 3,759 | 34,355 | | |
| Total . . . | 6,899 | 7,813 | 8,337 | 7,557 | 7,138 | 4,463 | 5,727 | 4,121 | 4,526 | 5,952 | 7,745 | 10,644 | 80,922 | 100 | 100 |

*A, Adult.

†j, Juvenile.

PERIODICALS IN READING ROOM.

| | |
|---|----------------------------------|
| Advocate of Peace. Donated. | Craftsman. |
| Amateur Work. | Critic. |
| American Academy Political Science. | Current Literature. |
| American Architect. | Delineator. |
| American Economic Association Publications. | Dial. Donated. |
| American Historical Review. | Edinburgh Review. |
| American Homes and Gardens. | Education. |
| American Ornithology. | Educational Review. |
| Arena. | Electrical Review. |
| Art Journal. | Engineering Magazine. |
| Athenacum. | Fortnightly Review. |
| Atlantic Monthly. | Forum. |
| Automobile Magazine. | Garden Magazine. |
| Bird Lore. | Harper's Bazar. |
| Birds and All Nature. | Harper's Monthly. |
| Blackwood. | Harper's Weekly. |
| Bookman. | Holiday Magazine. |
| Boston Cooking School Magazine. | House and Garden. |
| Boston Evening Transcript, Saturday. | House Beautiful. |
| Bulletin of Bibliography. Donated. | International Journal of Ethics. |
| Cassier's Magazine. | International Quarterly. |
| Century. | International Studio. |
| Charities. | John Hopkins University Studies. |
| City Affairs. | Journal of Education. |
| Contemporary Review. | Ladies' Home Journal. |
| Cosmopolitan. | Library Index. |
| Country Calendar. | Library Journal. |
| Country Life. | Life. |
| | Little Chronicle. |
| | Living Age. |
| | London Illustrated News. |
| | McClure's Magazine. |

| | |
|------------------------------|------------------------------|
| Magazine of History. | Political Science quarterly. |
| Manual Training Magazine. | Political Science monthly. |
| Masters in Art. | Public Libraries. |
| Masters in Music. | Publishers' Weekly. |
| Medford Historical Register. | Quarterly Journal of |
| Modenwelt. | Economics. |
| Modern Housekeeping. | Review of Reviews. |
| Municipal Engineering. | Rhodora. Donated. |
| Musician. | St. Nicholas. |
| Nation. | School Arts Book. |
| National Geographic | Scientific American. |
| Magazine. | Scientific American Sup- |
| New England Historical and | plement. |
| Genealogical Register. | Scribner's Magazine. |
| New England Magazine. | Searchlight. |
| Nineteenth Century. | Somerville Historic Leaves. |
| North American Review. | Somerville Journal. Donated. |
| Open Court. | Tuftonian. Donated. |
| Out West. | Tufts Weekly. Donated. |
| Outing. | Westminster Review. |
| Outlook. | Woman's Journal. Donated. |
| Patent Office Gazette. | Work. |
| Donated. | World's Work. |
| Perry Magazine. | Yale Review. |
| Photo-Miniature. | Young Idea. |
| Pictorial Review. | Youth's Companion. |
| Poet Lore. | |

The following libraries have sent annual reports, bulletins or finding lists :

New York State Library, Albany, N. Y. ; Carnegie Free Library, Alleghany, Penn. ; Robbins Library, Arlington, Mass. ; Carnegie Library, Atlanta, Ga. ; Public Library, Berlin, N. H. ; Public Library, Beverly, Mass. ; Athenaeum Library, Boston, Mass. ; Public Library, Boston, Mass. ; Public Library, Brockton, Mass. ; Public Library, Brook-

line, Mass. ; Pratt Institute Free Library, Brooklyn, N. Y. ; Public Library, Brooklyn, N. Y. ; Institute of Arts and Sciences, Brooklyn, N. Y. ; Buffalo Public Library, Buffalo, N. Y. ; Public Library, Cambridge, Mass. ; Public Library, Canton, Mass. ; J. Herman Bosler Library, Carlisle, Penn. ; Fitz Public Library, Chelsea, Mass. ; Chicago Municipal Library, Chicago, Ill. ; Public Library, Chicago, Ill. ; Public Library, Cleveland, Ohio ; Bigelow Free Public Library, Clinton, Mass. ; Free Public Library, Concord, Mass. ; Peabody Institute Library, Danvers, Mass. ; Davenport Public Library, Davenport, Iowa ; Public Library and Museum, Dayton, Ohio ; Public Library, Dover, N. H. ; Free Public Library, Evanston, Ill. ; Parlin Library, Everett, Mass. ; Shute Library, Everett, Mass. ; Public Library, Fall River, Mass. ; Public Library, Grand Rapids, Mich. ; Connecticut State Library, Hartford, Conn. ; Hartford Public Library, Hartford Conn. ; Public Library, Haverhill, Mass. ; Public Library, Helena, Mont. ; Public Library, Hyde Park, Mass. ; Public Library, Kansas City, Mo. ; Town Library, Lancaster, Mass. ; Free Public Library, Lawrence, Mass. ; Cary Library, Lexington, Mass. ; Public Library, Lynn, Mass. ; Malden Public Library, Malden, Mass. ; Manchester Public Library, Manchester, Mass. ; City Library, Manchester, N. H. ; Public Library, Milton, Mass. ; Public Library, Minneapolis, Minn. ; Public Library, Nashua, N. H. ; Morse Institute Library, Natick, Mass. ; Public Library, New Bedford, Mass. ; Public Library, New Haven, Conn. ; Free Public Library, Newark, N. J. ; Free Library, Newton, Mass. ; Forbes Library, Northampton, Mass. ; Oakland Free Library, Oakland, Cal. ; Public Library, Omaha, Neb. ; Public Library, Pasadena, Cal. ; Apprentices Library Co., Philadelphia, Penn. ; Drexel Institute, Philadelphia, Penn. ; Philadelphia City Institute, Philadelphia, Penn. ; Carnegie Library, Pittsburg, Penn. ; Berkshire Athenaeum, Pittsfield, Mass. ; Public Library and Reading Room, Plainfield, N. J. ; Library Association of Portland, Portland, Ore. ;

Thomas Crane Public Library, Quincy, Mass.; Free Public Library, St. John, N. B.; Mercantile Library Association, St. Louis, Mo.; Public Library, Salem, Mass.; Public Library, Scranton, Penn.; Public Library, Somerville, Mass.; Warder Public Library, Springfield, Ohio; Public Library, Syracuse, N. Y.; Public Library, Toledo, Ohio; Public Library, Waltham, Mass.; Carnegie Library, Washington, D. C.; Tufts Library, Weymouth, Mass.; Osterhout Free Library, Wilkes-Barre, Penn.; Wilmington Institute, Wilmington, Del.

GIFTS TO THE LIBRARY.

| | Books. | Pamph-lets. | Period-icals, Nos. |
|--|--------|-------------|--------------------|
| Ames, Mrs. J. B., Cambridge, Mass. | | | 1 |
| "Animals' Defender," Boston | | | 2 |
| Ayres, Miss M. A., Medford | | | 5 |
| Barrie, George & Sons, Philadelphia, Penn. | | 1 | |
| Bartlett, Edward H. H., Arlington, Mass., | 1 | | |
| Bishop, H. R. Estate, New York | 2 | | |
| Bishop, Mary R. Estate, Newton, Mass., | 4 | | |
| Boston Book Co., Boston | | | 4 |
| Boston City Registry Department, Boston, | 2 | 1 | |
| Boston Five Cents Savings Bank, Boston, . | 1 | | |
| Boston Leather Binding Co., Boston . . . | 1 | | |
| Boston Metropolitan Water & Sewerage Board, Boston | | 1 | |
| Bowdoin College, Brunswick, Maine . . . | | 2 | |
| Brooks, Miss L. W., Hyde Park, Mass., | | | 12 |
| Chapman & Hall, London, England | | 1 | |
| *Cooper & Bailey, Boston | | | |
| Cornell University, Ithaca, N. Y. | | 3 | |
| Crosby, J. Allen, Jamaica Plain, Mass., | | 1 | |
| Crosskill, W. H., Charlottetown, P. I. . . | | 2 | |
| De Long, Miss Florence, Medford | 1 | | |

| | Books. | Lamp-lets. | Periodicals. Nos. |
|--|--------|------------|-------------------|
| De Long, Mrs. H. C., Medford | | | 3 |
| Editor of Good Roads Magazine, New York City | | | 12 |
| Editor of Saturday Evening Post, Philadelphia, Penn. | | | 2 |
| Editor of Somerville Journal, Somerville, Mass. | | | 52 |
| Editor of Woman's Journal, Boston | | | 52 |
| Emerson, Mrs. Mary A., Waltham, Mass., | 1 | | |
| Engineers' Society of Western Pennsylvania, Pittsburg, Penn. | | 1 | |
| ¶Fleming, William, Medford | | | |
| Fowle, A. L., New York City | 1 | | |
| Fuller, Mrs. S. E., Medford | 2 | | |
| Gocher, W. H., Hartford, Conn. | 1 | | |
| Gould, Levi S., Melrose, Mass. | 1 | | |
| Green, Charles M., M. D., Boston | | 29 | |
| Griffis, William Elliot, Ithaca, N. Y. | 2 | | |
| Hallowell, Mrs. Edward N., W. Medford, | 10 | | |
| Harvard College, Cambridge, Mass. | | 2 | |
| Hayes, Mrs. B. F., Medford | | 1 | |
| §Hemenway, Mary, Trustees, Boston | | | |
| ‡Higginson, Col. Thomas W., Cambridge, Mass. | | | |
| Home Market Club, Boston | | | 12 |
| Hudson River Dayline, Kingston, N. Y., | | 1 | |
| Lake Mohonk Conference, Lake Mohonk, N. Y. | | 3 | |
| Lawrence, Gen. S. C., Medford | 191 | 22 | |
| Lee & Shepard, Boston | 1 | | |
| Lewis & Clark Publishing Co., Portland, Ore. | | 1 | 6 |
| Lytle, John J., Philadelphia, Penn. | | | 1 |
| McCall, Hon. Samuel W., Washington, D. C. | | 2 | |

| | Books. | Pamph-lets. | Period-icals. Nos. |
|--|--------|-------------|--------------------|
| McCarter, John Gray, Boston | | 1 | |
| Mass. Civic League, Boston | | 2 | |
| Mass. Institute of Technology, Boston | | 3 | |
| Mass. Secretary of the Commonwealth, Boston | 29 | 4 | |
| Mass. Society for Prevention of Cruelty to Animals, Boston | | | 4 |
| Mass. State Board of Charities | | 1 | |
| Mass. Total Abstinence Society, Boston, Maynard, Mrs. M. A. S. | 1 | 1 | |
| Medford Historical Society, Medford | | | 3 |
| Medford Publishing Co., Medford | 1 | | |
| Miller, Kelley, Washington, D. C. | | 1 | |
| Missouri World's Fair Commission, St. Louis, Mo. | 1 | | |
| Morss, Mr. C. H., Medford | 90 | | |
| Museum of Fine Arts, Boston | | 5 | |
| National Association of Audubon Soci- eties, New York City | | 1 | |
| National Child Labor Committec, New York City | | 3 | |
| New Bedford Textile School, New Bed- ford, Mass. | | 1 | |
| New Hampshire State Board of Agricul- ture, Concord, N. H. | | 1 | |
| Newcomb, H. T., Washington, D. C. | | 1 | |
| Order of the Cross, Paignton, England, Ordway, Miss Edith B., Medford | | | 7 12 |
| Ottawa Superintendent of Immigration, Ottawa, Canada | | 1 | |
| Pacific Monthly Publishing Co., Portland, Ore. | | | 1 |
| Page, Mrs. Henrietta, Boston | | | 12 |
| Parry, David M., Indianapolis, Ind. | | | 26 |

| | Books. | Pamph-lets. | Period-icals. Nos. |
|--|--------|-------------|--------------------|
| Pierce, Frank P. Medford | | | 115 |
| Porter, George, Medford | | | 30 |
| Preston, Rev. George M., Medford | 1 | | |
| Records of the Past Exploration Society, Washington, D. C. | | | 3 |
| Rosenberg, L., Galveston, Texas | | 1 | |
| Smythe, R. M., New York City | 1 | | |
| *Stone, Miss Katherine H., West Medford, | 5 | 33 | 212 |
| **Swift, Miss Caroline E., West Medford, | 89 | 1 | 21 |
| Tufts College, Mass. | | 1 | 45 |
| Union Press, Philadelphia, Penn. | 1 | | |
| U. S. Bureau of Fisheries, Washington, D. C., | 2 | | |
| U. S. Bureau of Insular Affairs, Wash- ington, D. C. | | | 1 |
| U. S. Census Department, Washington, D. C. | | | 4 |
| U. S. Civil Service Commission, Wash- ington, D. C. | 1 | | |
| U. S. Congress, Washington, D. C. | | | 72 |
| †U. S. Department of Agriculture, Wash- ington, D. C. | 2 | | 66 |
| U. S. Department of Commerce and Labor, Washington, D. C. | 8 | | 26 |
| U. S. Department of Interior, Washing- ton, D. C. | 2 | | 2 |
| U. S. International Bureau of American Republics, Washington, D. C. | | | 2 |
| U. S. Interstate Commerce Commission, Washington, D. C. | 1 | | |
| U. S. Library of Congress, Washington, D. C. | 11 | | 10 |
| U. S. Navy Department, Washington, D. C. | 1 | | 1 |

| | Books, | Pamph- lets. | Period- icals. Nos. |
|--|------------|-----------------|---------------------------|
| U. S. Patent Office, Washington, D. C., | | 3 | 54 |
| U. S. Philippine Commission, Washing- ton D. C. | | 1 | |
| U. S. Smithsonian Institute, National Museum, Washington, D. C. | 5 | 7 | 14 |
| U. S. War Department, Washington, D. C., 16 | | 12 | 8 |
| Universalist Club, Boston | | 1 | |
| University of Vermont, Burlington, Vt., | | 1 | |
| Western Reserve University, Cleveland, Ohio | | 1 | |
| Whitmore, Mrs. W. H., Cambridge, Mass., 3 | | | |
| Whitten, William, Boston | | 1 | |
| Whittier, Miss Helen A., Boston | | | 12 |
| Woman's Study Club, Whitefield, N. H., | | 1 | |
| Wood, Mary I., Portsmouth, N. H. | | | 4 |
| Woodbury, John, Lynn, Mass. | | 1 | |
| Woodman, Miss Caroline, Lewiston, Me., | | 1 | |
| Wright, Miss Ellen M., Medford | | 1 | |
| Total | 493 | 277 | 821 |

*Pictures.
†Index cards.
‡Portrait.

‡Letters.
||Coin.
**Games.

LIBRARY ACCOUNTS, STATEMENT, 1905.

| | |
|---|------------|
| Salaries | \$4,302 16 |
| Books | 1,573 40 |
| Janitor | 737 05 |
| Rebinding books | 521 02 |
| Improvements and repairs | 413 31 |
| Periodicals | 325 68 |
| Miscellaneous bills of small accounts | 323 38 |
| Fuel | 293 60 |
| Supplies | 216 55 |
| Lighting | 199 32 |

310 REPORT OF TRUSTEES OF PUBLIC LIBRARY.

| | |
|--|------------|
| Express | \$108 38 |
| Telephone, book covers, etc. | 94 10 |
| Card catalogue, registration, etc. | 41 72 |
| | <hr/> |
| | \$9,149 67 |

| | |
|---|------------|
| Appropriation for the Public Library | \$7,000 00 |
| Money received from the dog tax, 1904 | 2,029 49 |
| Income from Osgood, Tufts and Monroe funds, | 120 38 |
| | <hr/> |
| | \$9,149 87 |

| | |
|------------------------------|--------|
| Balance unexpended | \$0 20 |
|------------------------------|--------|

AGENCIES.

| | |
|--|----------|
| Appropriation for agencies | \$366 00 |
| Amount expended for agencies | 365 00 |
| | <hr/> |
| | \$1 00 |

The librarian has received the following sums :

| | |
|---|----------|
| Cash unexpended January 1, 1905 | \$4 58 |
| Cash received for fines | 219 02 |
| | <hr/> |
| | \$223 60 |

The expenditures have been as follows :

| | |
|--|--------|
| Express, \$14.45 ; postage, \$33.47 ; messenger, \$26.13 ; books, \$40.66 ; periodicals, \$16.01 ; cleaning and extra work, \$55.34 ; supplies and miscellaneous, \$33.44 | 219 50 |
| | <hr/> |
| Balance unexpended | \$4 10 |

We recommend an appropriation of \$7,366.00 to meet the expenses of the Public Library the ensuing year.

Yours respectfully,

SAMUEL C. LAWRENCE,
HENRY C. DELONG,
CHARLES H. MORSS,

Trustees of the Public Library.

REPORT
OF THE
INSPECTOR OF BUILDINGS.

MEDFORD, MASS., January 26, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

DEAR SIR, — In compliance with the requirements of the City Charter, I have the honor to present the annual report of the inspection of buildings for the year ending December 31, 1905.

The whole number of applications for building permits has been 154, and the same number of permits has been issued, a larger number by eight than for the previous year, and at a cost of \$469,299 against \$363,295 for the year before, a difference of \$106,004. This is a larger amount than has been expended for buildings for the past several years. Of the permits issued, eighty-nine (89) have been for new buildings of all classes; sixty-one (61) have been for new dwellings; twenty-nine (29) for dwellings of one tenement, and twenty-nine (29) for dwellings of two tenements; one of three tenements and two with six tenements each. The new library building, being erected for Tufts College at a cost of \$100,000, of course adds largely to the increased amount expended. But leaving that out, and we have a larger amount for ordinary buildings than for the previous year, and, as above shown, a larger amount was expended than for some years before. Permits have been given for additions and alterations to fifty-five (55) buildings; permits have been given for the erection of ten (10) stables. Some of these have been buildings of good quality and of considerable cost. The others have been of small

size and small cost. Ten (10) permits have been given to rebuild and repair after damage by fire. The other permits have been for buildings for a variety of uses and mostly of small cost.

PERMITS ISSUED.

| | |
|--|-------|
| For new buildings | 89 |
| For additions and alterations | 55 |
| For rebuilding and repairing after fires | 10 |
| | <hr/> |
| | 154 |

The character of the buildings may be classified as follows:

| | |
|--|-------|
| Dwellings of one tenement | 29 |
| Dwellings of two tenements | 29 |
| Dwellings of three tenements | 1 |
| Dwellings of six tenements | 2 |
| Stables | 10 |
| Carriage houses | 5 |
| Stores and tenements | 1 |
| Stores | 1 |
| Church building | 1 |
| School building | 1 |
| Library building | 1 |
| Power house | 1 |
| Manufactory | 1 |
| Additions and alterations | 55 |
| Repairs after fires | 10 |
| Miscellaneous | 6 |
| | <hr/> |
| | 154 |

PERMITS BY WARDS.

| | |
|------------------|----|
| Ward 1 | 17 |
| Ward 2 | 12 |
| Ward 3 | 20 |
| Ward 4 | 25 |

REPORT OF INSPECTOR OF BUILDINGS. 313

| | |
|------------------|-----|
| Ward 5 | 38 |
| Ward 6 | 39 |
| Ward 7 | 3 |
| | 154 |

PERMITS ISSUED MONTHLY.

| | |
|---------------------|-----|
| January | 6 |
| February | 2 |
| March | 10 |
| April | 21 |
| May | 26 |
| June | 11 |
| July | 17 |
| August | 8 |
| September | 14 |
| October | 11 |
| November | 14 |
| December | 14 |
| | 154 |

All the work has been frequently visited and carefully inspected, 1,232 calls having been made for this purpose, and the ordinance has been properly enforced, a strict and impartial compliance required in every case. The inspector would respectfully recommend that three hundred dollars (\$300) be appropriated for the expenses of the work of this department for the ensuing year.

Respectfully submitted,
CALVIN H. CLARK,
Inspector of Buildings.

REPORT
OF THE
INSPECTOR OF ANIMALS AND PROVISIONS.

MEDFORD, MASS., January 9, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

DEAR SIR,—I herewith submit the following report of the work of the department for the Inspection of Animals and Provisions for the nine months ending December 31, 1905:

I inspected 76 stables, all of which with one exception were found in good condition; 392 head of cattle, 30 swine and 2 goats, all of which were found free from disease.

Three horses were inspected for glanders but were proved not to have the disease.

One dog suspected of rabies was killed and sent to the Harvard Medical School, where upon examination it was found to be affected. Notices were therefore received from the State containing description of the disease and instructions regarding same to the public. These notices were posted in several places in the city.

Respectfully submitted,

HARRIE W. PEIRCE, M. D. V.,
Inspector of Animals and Provisions.

REPORT
OF THE
CHIEF ENGINEER OF THE FIRE
DEPARTMENT.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor, City of Medford:

DEAR SIR,— In accordance with the requirements governing the Fire Department, I hereby present to you the annual report of the Fire Department of the City of Medford for the year ending December 31, 1905.

The report will be found to contain statements in detail, embracing a register of the department, a record of all fires and alarms during the year, and the cause thereof, with the names of the owners and occupants, the value, loss and insurance as near as could be ascertained, and such other information as is thought proper for your consideration.

FORCE OF DEPARTMENT.

The total number of men employed by the city in this department at the present time is fifty-seven (57), (with one vacancy in the permanent force), divided as follows: Permanent men, twelve (12); call men, forty-six (46). These men are assigned to the different houses throughout the city. We should have at least three more permanent men, and the same should be appointed as soon as the city government can see the way clear to appropriate the money to pay for the same. I most respectfully recommend that the sum of 1,704 dollars be appropriated for two more permanent men this year.

HORSES.

The same number of horses are required in this department as last year,— 17,— although at the present time we have only 16 horses in use, having disposed of one of the hook and ladder team on account of lameness. We shall have to purchase one as soon as the engine returns from Manchester, N. H., where it is being rebuilt. The engine from Malden, which we are using while our engine is away, has no three-horse hitch, so we are using one of the engine horses on one of the other teams in place of the one we disposed of.

BUILDINGS.

The buildings are in fairly good condition, except repairs, which can be made from the regular appropriation. I will renew my recommendation of last year in regard to heating plant at the Central engine house. I most respectfully recommend that the sum of nine hundred dollars (\$900) be appropriated for steam heating apparatus for this house.

A wagon shed should be built at Combination B house, corner of Medford and Albion streets. The same will cost about \$250. This building will also require some renovating inside this year, especially in the second story.

If no new house is to be built at West Medford this year, the present house should be put in thorough repair at once.

Combination C house, Salem street, should be painted inside this year, especially the walls in the apparatus room and the walls in the rooms and halls on the second floor.

Hose 4 house, Spring street, was partially burned on August 19th of the past year, but the same has been repaired and is now in very good condition.

I should like very much to see an engine house built at Medford Hillside. A building located in this section, somewhere on Boston avenue near Winthrop street would be an ideal location for a fire house, not only for the Hillside district, but to cover West Medford, South Medford or the

centre of the city. Apparatus from a house in this district could make a very quick run to any part of the city, as the run would be down hill except for short runs at the Hillside. It would also give a chance to have the centre covered on West Medford and Hillside alarms, and save having Hose No. 1 answer those boxes.

At the present time a run to the Hillside district from any of the present houses is one of the hardest the department has to make. The Hillside district is quite well built up, and while we have not had any bad fires in this locality for some time, we are liable to have one at any time. Chief Hopkins, of the Somerville department, says that he has figured it out, and that in time saved the distance down hill is one-third the distance up hill.

APPARATUS.

Several pieces of apparatus will need considerable overhauling, also painting, during the coming year, namely: The hook and ladder truck needs painting, and should be put in the paint shop just as soon as a truck can be borrowed to take its place. Combination A wagon needs to be touched up and varnished, the piping in connection with the chemical tanks to be replaced with new pipes, as the present pipes leak so badly that the pressure does not hold up as it should.

Combination C wagon, located at the Salem street house, needs to be varnished, and some of the piping of the chemical tanks to be replaced with new.

Hose 1 wagon should be equipped with rubber tires, as this wagon answers all bell alarms.

Hose 4 wagon should be varnished to save the paint.

The Babcock chemical engine should be painted and put in first-class condition.

The old Hose 3 wagon should be painted and put in first-class condition, as we use this as a spare wagon when one of the other wagons is out of commission and also at Combination C house in place of the combination wagon when the going is heavy.

The engine is now at Manchester being rebuilt, and when it is returned we will have an engine as good as any in its class.

The rest of the apparatus is in good condition except one or two of the exercise wagons, which will have to be touched up and varnished.

FIRE ALARM.

The fire alarm is the same as last year, no additions having been made during the past year. It consists of one five-circuit repeater; five tower bells and striking machines; two combined indicators and small bells; three indicators and five small bells; one storage battery with charging switch board; testing instruments, etc. The city government is at the present time trying to get an appropriation for a compressed air whistle, so I will not renew my recommendation of last year in regard to same. In connection with the fire alarm we have 48 street boxes and about 25 miles of wire. We should have some new device for testing the lines, and I shall try to purchase same during the present year.

HOSE.

During the past year we have purchased 1,000 feet of new hose, but at the M. E. Church fire we lost 300 feet, and at a fire on Paris street on November 2 a car owned by the Elevated Railroad ran over two lengths of hose and ruined same, which the company paid for, and we have had to condemn about 300 feet more, making a total of 700 feet done away with the past year. I would most respectfully recommend that \$300 be appropriated for new hose.

MEMBERS OF THE FIRE DEPARTMENT.

Charles E. Bacon, Chief Engineer, Superintendent of Fire Alarm and Clerk.

Jude C. Clark, First Assistant Engineer.

Frank O. Waterman, Second Assistant Engineer.

HOOK AND LADDER COMPANY NO. 1.

Frank Hathaway, Captain.
Charles H. Hartsborn, Lieutenant.
Samuel G. Jepson, Clerk.
C. Ernest Larkin, Treasurer.
James H. Chase, Ladderman.
Frank B. Blodgett, Ladderman.
George L. Newhall, Ladderman.
E. Dana Haskell, Ladderman.
William F. Bartlett, Ladderman.
F. Russell Waterman, Ladderman.
Herbert E. Bradish, Ladderman.
Hugh D. Fraser, Driver.

HOSE COMPANY NO. 1.

George A. Hooker, Captain.
Adam G. Clark, Lieutenant.
Nathan H. Wait, Clerk.
John F. Chick, Hoseman.
Henry M. James, Hoseman.
Richard W. Clark, Hoseman.
Robert J. Lindsey, Hoseman.
Patrick L. Waldron, Hoseman.
Frank A. James, Hoseman.
Judson A. Hanson, Driver.

HOSE COMPANY NO. 4.

William R. Ordway, Captain and Driver.
John Antrobus, Lieutenant.
James B. Barnes, Clerk.
Irving T. Ham, Hoseman.
Warren W. Foye, Hoseman.
Lewis H. Day, Hoseman.
Richard Archibald, Hoseman.
Michael M. Mara, Hoseman.

COMBINATION A COMPANY.

Frank H. Walker, Captain and Driver.
J. Curtis Wiswell, Lieutenant and Clerk.
John L. Tutton, Hoseman.
Otto J. C. Neilson, Hoseman.
Frederick J. Meagher, Hoseman.
William S. Chamberlain, Hoseman.

COMBINATION B COMPANY.

Thomas A. Qualey, Captain and Driver.
Thomas D. Collins, Lieutenant.
John Smith, Clerk.
John H. Qualey, Hoseman.
Leon V. Walker, Hoseman.
Edward E. Papkee, Hoseman.

COMBINATION C COMPANY.

William S. Richards, Captain.
Benjamin F. Samson, Lieutenant and Driver.
Oliver C. Nicoll, Clerk.
Charles S. Burrell, Treasurer.
Frederick E. Samson, Hoseman.
Merrill M. Grey, Hoseman.
J. Biscoe Simpson, Hoseman.

ENGINE COMPANY No. 1.

George H. Gillard, Engineman and Assistant Superintendent of Fire Alarm.
Arthur W. Morse, Captain of Central Engine House, Driver and Assistant Engineman.
Peter F. Lenox, Stoker.

DRIVERS FOR DEPARTMENT.

Edgar H. Babcock and W. Burton Harvey.

FIRES IN MEDFORD DURING THE YEAR ENDING
DECEMBER 31, 1905.

- Jan. 3, Box 28, 7.05 A. M. House 22 Almont street; owned and occupied by C. B. Gorton. Value of house and contents \$4,300; insurance on house and contents \$2,700; damage to house and contents \$1,328. Fire caused by little girl nine years old going into closet with lamp and setting clothing hanging in closet on fire.
- Jan. 9, Box 71, 7.10 P. M. House 86 Dexter street; owned by Lucy F. Aymer; occupied by E. E. Bullard. Value of house and contents \$2,800; insurance on house and contents \$2,300; damage to house and contents \$400. Caused by child six years old playing with matches. Fire confined to room in which it started.
- Jan. 16, Box 63, 9.35 P. M. False alarm.
- Jan. 23, Box 73, 10.23 A. M. House 30 Joseph street; owned by W. J. Beebe; occupied by W. J. Beebe and H. Durant. Value of building and contents \$5,500; insurance on building and contents \$4,500; damage to building and contents \$386. Caused by thawing water pipes in attic.
- Jan. 25, Box 32, 1.05 P. M. Stable on Gibson street; owned and occupied by C. E. Twombly. Value of building and contents \$1,200; insurance on building and contents \$750; damage to building and contents \$750. Caused by oil stove.
- Jan. 25, Box 61, 5.50 P. M. Office building at Maxwell's brick yard; owned by J. F. Maxwell; occupied by G. Downing. Value of building and contents \$200; no insurance; building a total loss.
- Feb. 2, Boxes 43 and 42, 5.10 P. M. New house at Medford Hillside on Boston avenue; owned by Henry W. Moran; not occupied. Value of building \$3,700;

- insurance on building \$3,500; loss on building \$1,090. Fire caused by salamander used to dry out the plastering.
- Feb. 4, Box 61, 3.30 P. M. Small building off Swan street; owned by E. C. Scott; used by boys as a club house. Value of building \$100; no insurance on building; damage to building \$5. Caused by spark from chimney on roof; slight damage.
- Feb. 4, Box 24, 3.40 P. M. House 14 Water street; owned and occupied by William Carroll. Value of building and contents \$4,500; insurance on building and contents \$3,000; damage to building and contents \$37. Caused by stove polish taking fire.
- Feb. 10, still, 5.35 P. M. House 21 Swan street; owned by F. A. Chandler; occupied by P. Kerwin. Value of building \$1,200; no damage to building. Value of contents \$500; damage to contents \$12; no insurance on contents. Caused by clothes on line over kitchen range catching fire.
- Feb. 18, Box 42, 9.10 P. M. Barn rear 157 Winthrop street; owned and occupied by John C. Hall. Value of building \$300; damage to building \$3. Value of contents \$8; damage to contents \$2; no insurance on contents. Set by some person unknown.
- March 20, Box 421, 7.35 P. M. False alarm.
- March 22, Boxes 51 and 52, 4.38 and 4.45 P. M. House 153 Allston street; owned and occupied by W. E. Crosby. Value of building and contents \$5,500; insurance on building and contents \$5,000; damage to building and contents \$431. This fire was confined to rear room in attic. Cause unknown.
- March 24, still, 1.15 P. M. House 30 Canal street; owned and occupied by H. L. Thatcher. Value of building and contents \$3,750; insurance on building and contents \$3,250; damage to building and contents \$25. Caused by explosion of lamp.

- March 27, Box 51, 10.02 A. M. House 444 High street ; owned by F. P. Kent. Slight damage to roof.
- March 28, still, 11.45 A. M. Rubbish near fence back of Usher's Block near railroad crossing. No damage.
- March 30, still, 10.20 A. M. Brush fire off Gibson street.
- March 31, still, 1.05 P. M. Grass fire off Harvard avenue.
- March 31, still, 2.55 P. M. Reported house on fire on Magoun avenue ; found no fire.
- March 31, still, 2.58 P. M. Grass fire off Harvard avenue.
- March 31, still, 5.05 P. M. Grass fire off Spring street, back of W. W. Foye estate.
- March 31, still, 8.25 P. M. Fire in woods off Governors avenue, near golf links.
- April 1, Box 45, 1.10 A. M. Grass fire off Jerome street, near Mr. Pool's house.
- April 1, still, 12.05 noon. Grass fire off Harvard street.
- April 1, still, 2.30 P. M. Grass fire off Medford street, near Bellevue Terrace.
- April 1, still, 3.14 P. M. Fire in woods off Fulton street.
- April 1, Box 63, 3.23 P. M. Grass fire off Harvard street.
- April 1, still, 3.35 P. M. Telephone call that a house was on fire on Water street. Found no fire.
- April 1, still, 3.40 P. M. Brush fire off Lawrence street.
- April 1, still, 3.40 P. M. Brush fire off Pool street.
- April 1, Box 52, 3.46 P. M. Grass fire set house 123 Woburn street on fire. Building owned and occupied by A. S. Whittemore. Value of building and contents \$6,900 ; insurance on building and contents \$6,700 ; damage to building and contents \$17.10.
- April 2, Boxes 53 and 51, 10.45 A. M. House 55 Prescott street ; owned by R. Dibold ; occupied by N. Fairweather. Value of building and contents \$3,000 ; insurance on building and contents \$2,440. Fire caused by grass fire.
- April 3, Box 27, 12.16 noon. House 104 and 106 Park street ; owned by J. Mcfarland ; occupied by G.

- Russell. Value of building and contents \$5,500; insurance on building and contents \$4,500; damage to building and contents \$425. Caused by gas stove.
- April 3, still, 1.30 P. M. Grass fire on Grove street, at railroad bridge.
- April 3, still, 1.45 P. M. Fire in woods off Valley street.
- April 3, still, 2.40 P. M. Grass fire off Main street, at Royal House.
- April 3, still, 3.10 P. M. Fire in woods back of S. Tay.
- April 3, Box 37, 3.50 P. M. Brush and grass fire at Logan avenue.
- April 4, still, 6.15 P. M. Grass fire off Grove street on land of P. C. Brooks.
- April 4, still, 6.40 P. M. Grass fire at North street railroad bridge.
- April 4, still, 7.40 P. M. Rubbish on dump at Rural avenue.
- April 7, still, 8.15 P. M. Fire in the woods near Malden Hospital.
- April 7, Box 42, 9.02 P. M. Building rear 157 Winthrop street; owned and occupied by J. C. Hall. Value of building and contents \$300; insurance on building \$150; damage to building \$100. Set by some person unknown.
- April 8, still, 11.35 A. M. Brush fire Myrtle and Lawrence streets.
- April 9, still, 1.55 P. M. Brush fire Myrtle and Lawrence streets.
- April 10, still, 2.45 P. M. Grass fire Newbern avenue.
- April 11, Box 47, 9 P. M. Ferguson's Block, High street, West Medford; owned by G. Ferguson; occupied by F. S. Sibley and others. Value of building and contents \$19,500; insurance on building and contents \$19,000; damage to buildings and contents \$102.57. Caused by tipping over of lamp.
- April 14, still, 11.30 A. M. Grass fire off Lawrence street.
- April 14, Box 63, 8 P. M. Old barn at Mystic Park; owned

- by W. P. Rice; not occupied; value of building \$400; no insurance; damage \$5. Cause unknown.
- April 16, still, 4.50 P. M. Brush fire off Salem street, near car house.
- April 17, still, 10.15 A. M. Grass fire off Morton avenue.
- April 17, still, 1.15 P. M. Brush fire Grant and Hooker streets.
- April 18, Box 71, 7.05 A. M. Block Nos. 2, 4, 6, 8 Edwards street; owned by F. A. Higgins; occupied by L. Seavey and others. Value of building and contents \$5,100; insurance on building and contents \$4,600; damage to building and contents \$5. Caused by defective chimney in cellar.
- April 19, still, 12.30 noon. Grass fire Central avenue extension.
- April 20, Box 33, 11.05 A. M. Hen house rear 55 Pleasant street; owned and occupied by A. Redding. Value of building \$100; no insurance; damage \$1.
- April 21, still, 2.10 P. M. North street railroad bridge.
- April 22, Box 37, 2.45 A. M. House 47 Logan avenue; owned and occupied by A. L. Foye; also occupied by William Thompson. Value of building and contents \$6,800; insurance on building and contents \$3,700; damage to building and contents \$1,307. Cause of this fire unknown.
- April 24, still, 2.03 P. M. Grass fire off Central avenue.
- April 24, Box 431, 8.23 P. M. False alarm.
- April 24, still, 9.02 P. M. Tree on fire on Allen court.
- April 26, still, 2.45 P. M. Fence on Winthrop street.
- April 26, still, 4.20 P. M. Brush fire off Pool street.
- April 27, Box 57, 12.05 noon. Grass fire off river back of Catholic Church.
- May 1, still, 12 noon. Brush fire off Spring street back of Dwyer's barn.
- May 5, still, 2.12 P. M. Brush fire off Lawrence street.
- May 6, still, 1.11 P. M. Brush fire off Lawrence street.

- May 6, Box 38, 2 P. M. Building used for storage of paint and oil at the Boston Steel & Iron Works off Myrtle street. Value of building and contents \$1,250; insurance on building and contents \$1,050; damage to building and contents \$100. Fire caused by grass fire.
- May 6, still, 4.27 P. M. Fire in woods near pest house back of City farm.
- May 8, still, 2 P. M. Fire on roof of A. C. Symmes' blacksmith shop. No damage.
- May 10, still, at 12.45, Box 42 at 1.02 A. M. House 189 Winthrop street; owned by F. M. Lyons; occupied by J. C. Carroll and Mrs. Mary Connors. Value of building and contents \$5,800; insurance on building and contents \$5,125; damage to building and contents \$485. Cause of fire unknown.
- May 11, Box 75, 3.50 P. M. House 90 Harvard street; owned by John Biuse; occupied by Emile Rosenberg. Value of building and contents \$4,600; insurance on building and contents \$3,000; damage to building and contents \$350. Fire caused by painters burning off paint.
- May 13, Box 74, 8.47 P. M. House 35 Newbern avenue; owned and occupied by Abraham Linsky. Value of building and contents \$4,000; insurance on building and contents \$2,700; damage to building and contents \$220. Fire caused by child going into closet with lamp and setting clothing hanging on the hooks on fire.
- May 14, still, 8.25 A. M. 41 College avenue; owner and occupant S. A. Crowell; no damage. Caused by hot ashes.
- May 30, still, 1.20 A. M. Old College Depot formerly used at Tufts College Station of the Boston & Maine R. R., now owned by Robinson. Value of building \$1,500; insurance on building \$1,200; damage to building \$15.

- May 30, Box 65, 1.30 A. M. Pulled for above fire.
- May 30, Box 65, 2.55 A. M. Called to the old depot; owner, Robinson. Value of building \$1,500; insurance on building \$1,200; damage to building \$500. This fire set by some person unknown.
- June 1, Box 75, 3.40 A. M. Chicken house rear 90 Harvard street. Value \$12; no insurance; total loss. Caused by lamp.
- June 4, still, 12.40 A. M. Building at Tufts College known as West Hall; owned by Tufts College Corporation. Value of building \$32,000; insurance on building \$22,000; damage to building \$714; value of contents \$15,000; insurance on contents \$10,000; damage to contents \$50; fire was in the top story of building and was caused by gas jet swung against wall setting lathing back of plastering on fire; fire confined to hall on top story.
- June 4, Box 421, 12.55 A. M. Pulled for above fire.
- June 18, Box 35, 11.45 A. M. Storehouse owned by Martin Norton off Locust street near Mystic River. Value of building and contents \$12,400; insurance on building and contents \$10,000; damage to building and contents \$7,075.50. Cause of this fire unknown.
- June 25, Box 73, 11.02 A. M. House 17 Leyden street; owned and occupied by Roy M. Copeland. Value of building and contents \$5,000; insurance on building and contents \$1,900; damage to building and contents \$25. This fire was on roof, a few shingles only.
- July 4, still, 10.10 A. M. Small shed rear 20 Cross street; slight damage to a few shingles. Caused by fire crackers.
- July 6, Box 42, 8.55 P. M. Shed rear of 157 Winthrop street; owned by J. Hall; used as a hen house. Value of building \$300; no insurance; damage \$5. Set by unknown.
- July 7, Box 51, 3.18 P. M. Usher's Block, High street;

- Charles Bruce, agent; occupied by N. E. Wilber and others. Value of building and contents \$10,900; insurance on building and contents \$7,600; damage to building and contents \$256. Caused by spark from engine on Boston & Maine Railroad.
- July 10, Box 29, 9.55 P. M. Barn on Maple street; owned by L. Bultken. Value of building and contents \$600; insurance on building and contents \$500; damage to building and contents \$80.
- July 20, Box 61, 1.15 P. M. House Union street; owned by John Grady. Value of building and contents \$2,000; insurance on building and contents \$1,200; damage to building and contents \$17. Caused by spark from E. Teel & Co. forge.
- July 20, Box 51, 8.55 P. M. House 123 Boston avenue; owned by S. S. Holton; occupied by A. G. Wolf. Value of building and contents \$5,700; insurance on building and contents \$5,200; damage to building and contents \$175. This fire was confined to a trunk full of clothing in which it started, except that it burned the door and casing on side of door.
- July 21, Box 42, 11.40 A. M. Burning brush and rubbish on dump on Winthrop street.
- July 23, Box 72, 11.20 A. M. No. 7 Bellevue terrace; owned by A. Knapp; occupied by G. H. Rees. Value of building and contents \$16,000; insurance on building and contents \$13,500; damage to building and contents \$10. Caused by burning rubbish in barrel in cellar.
- July 24, Box 42, 5.50 P. M. Shed rear 157 Winthrop street; owned and occupied by J. Hall. Value of building \$300; no insurance; damage \$15. Incendiary.
- July 30, Box 28, 1.16 A. M. Old building on Paris street; owned by W. Hellen. Value of building \$100; no insurance; damage \$25. Incendiary.

- Aug. 2, Box 61, 3.28 P. M. House 172 Main street; owned and occupied by T. Hull. No fire; the house was struck by lightning.
- Aug. 8, still, 4.45 P. M. Brush and fence on Park street.
- Aug. 8, still, 5.20 P. M. Peat fire on Logan avenue.
- Aug. 14, Box 421, 4.40 A. M. Dean Hall at Tufts College; owned by Tufts College Corporation. Value of building and contents \$18,800; insurance on building and contents \$4,000; damage to building and contents \$733.50. Fire in top story, and was caused by gas jet swung against the wall. The fire was confined to top story of building.
- Aug. 14, Box 38, 6.05 P. M. False alarm.
- Aug. 18, still, 7.30 P. M. Burning rubbish at 79 Court street.
- Aug. 19, still, 9.18 P. M. Office building owned by J. Manning, Riverside avenue. Value of building \$4,000; no insurance; damage \$42. Incendiary.
- Aug. 19, Box 26, 9.56 P. M. First M. E. Church, Salem street. Value of building and contents \$29,400; insurance on building and contents \$25,400. Building and contents a total loss. Incendiary.
- Aug. 19, Box 32, 10.05 P. M. Hose 4 House, Spring street; owned by City of Medford. Value of building and contents \$11,000; insurance on building and contents \$6,100; damage to building and contents \$2,970. This was an incendiary fire.
- Aug. 19, still. Music Hall, Salem street; owned and occupied by — Stevens. Value of building and contents \$16,000; insurance on building and contents \$16,000; damage to building \$15. Fire caused by spark from church fire.
- Aug. 19, still. Roof of Everett school house; owned by City of Medford. Value of building \$7,000; insurance on building \$6,500; damage to building \$50. Caused by spark from church fire.

- Aug. 23, Box 72, 10.20 A. M. House 47 William street; owned by S. P. Jackson; occupied by G. Gleasdell. Value of building and contents \$6,000; insurance on building and contents \$5,500; damage to building and contents \$25. Fire caused by oil stove.
- Aug 25, Box 47, 8.05 A. M. House 19 Irving street; owned by Mrs. Virginia Davidson; occupied by F. Lewis. Value of building and contents \$4,500; insurance on building and contents \$3,500; damage to building \$5; no damage to contents. Fire caused by plumber disconnecting gas pipe and holding lighted candle near same, not knowing that the gas was turned on; floor timber in cellar slightly burned.
- Aug. 26, Box 42, 4.45 A. M. House 157 Winthrop street; owned and occupied by J. Hall. Value of building and contents \$3,500; insurance on building and contents \$3,500; damage to building and contents \$39.50. This fire was in washroom on first floor. Cause of fire unknown.
- Aug. 27, Box 51, 11.20 P. M. Empty house on Cottage street; owned by Thomas A. Winsor. Value of building \$3,500; insurance on building \$3,500; damage to building \$75. Incendiary fire; was set in closet on first floor; extended between two timbers on second floor.
- Sept. 1, still, 6.45 P. M. House 7 Hamlin place; owned by J. P. Hamlin; occupied by A. Mader. Value of building and contents \$2,100; insurance on building and contents \$1,500; damage to building and contents \$10. Curtain caught fire from coming in contact with lamp.
- Sept. 9, Box 28, 2.51 P. M. Spring water house off Valley street; owned by H. Abbott, not occupied. Value of building \$800; no insurance; building totally destroyed. Caused by grass fire.
- Sept. 16, Box 28, 11.10 P. M. Barn off Salem street;

- owned and occupied by M. Robertson. Value of building and contents \$465; insurance on building and contents 0; damage to building and contents \$170. Supposed incendiary fire.
- Sept. 19, Box 28, 4.23 A. M. Barn 56 Tainter street; owned by J. McGillicuddy; not occupied at time of fire. Value of building \$600; insurance on building \$600; slight damage. Supposed incendiary fire.
- Sept. 21, still, 9.20 A. M. Automobile, slightly damaged; owned by Dr. Bean.
- Sept. 22, still, 7.10 P. M. Rubbish on dump on Mystic avenue.
- Sept. 23, Box 35, 11.15 P. M. Hay-stack off Fourth street; owned by E. McCloud; damage \$15. Cause unknown.
- Sept. 24, Box 28, 5.10 A. M. Building rear 10 Franklin street; owned by William M. Hilton; occupied by Dr. Gahan. Value of building and contents \$; insurance on building and contents \$; damage to building and contents \$. Incendiary fire.
- Sept. 28, Box 25, 5.48 P. M. False alarm.
- Sept. 30, Box 32, 9.37 P. M. Barn rear 64 Lawrence street; owned and occupied by Jessie Turner. Value of building and contents \$1,350; insurance on building and contents \$1,000; damage to building and contents \$650. Cause of fire unknown.
- Sept. 30, Box 43, 11.55 P. M. House 49 Quincy street; owned by Mrs. Emma S. Austin; occupied by H. C. Jeffrey. Value of building and contents \$3,300; insurance on building and contents \$1,800; damage to building and contents \$53. Fire caused by oil lamp in attic flaming up, setting table cover on fire. Fire confined to room in which it started.
- Oct. 6, Box 42, 5.38 A. M. House No. 157 Winthrop street; owned and occupied by John Hall. Value of building and contents \$5,000; insurance on building and

- contents \$1,500; no damage; the fire was in cellar in a pile of kindling wood. Cause of fire unknown.
- Oct. 6, still, 10.50 A. M. Small shanty built by boys on South street Fire caused by bonfire started by boys.
- Oct. 7, still, 9.45 A. M. Fire in woods off Governors avenue.
- Oct. 7, still, 12.45 noon. Fire at dump on Park street.
- Oct. 9, Box 75, 4.35 P. M. Planing mill occupied by Shaw & Remby, Winchester street. No damage. Shavings caught fire in brick boiler room.
- Oct. 10, still, 9 A. M. Peat fire between Spring street and Grant avenue.
- Oct. 21, still, 9.30 A. M. Car owned by Boston & Northern Railroad. Wires short circuited near corner of Main and Hancock streets. Slight damage.
- Oct. 23, Box 42, 3.10 P. M. Shed rear 157 Winthrop street; owned and occupied by John Hall. This building has been on fire a number of times during the past year and was of no value. This fire completely destroyed the building.
- Oct. 27, 6.55 P. M. Brush fire on land corner of Royal street and College avenue.
- Nov. 2, Box 28, 1.35 A. M. House 11 Paris street; owned by G. B. Frost; occupied by Hugo F. Engles. Value of building and contents \$3,900; insurance on building and contents \$2,000; damage to building and contents \$1,025. Cause of this fire unknown.
- Nov. 3, still. Factory on Ship avenue; owned and occupied by C. Whitehead. Value of building and contents \$2,500; insurance on building and contents \$2,000; damage to building \$6. Small hole burned in roof. Cause unknown.
- Nov. 9, Box 51, 6.12 P. M. Medford Club Stable, High street: owned by Mrs. Mary A. Leary; occupied by John Leary. Value of building and contents \$6,300; insurance on building and contents \$3,500; damage

- to building and contents \$370. Cause of fire unknown.
- Nov. 10, Box 72, 8.25 P. M. House 3 William place; owned and occupied by Robert H. Harris. Value of building and contents \$3,400; damage to building and contents \$617.72. Fire caused by defective chimney.
- Nov. 11, Box 51, 5.25 P. M. House 58 Canal street; owned by N. Pinansky; occupied by E. T. Logan. Value of building and contents \$3,500; insurance on building and contents \$3,000; damage to contents \$12. Fire caused by upsetting of lamp. Damage to lamp and small rug only.
- Nov. 13, still, 7.35 P. M. Old building off College avenue, formerly used as Tufts College Depot by Boston & Maine Railroad. This building was an old ruin, having been set on fire twice before.
- Nov. 13, Box 74, 7.40 P. M. Pulled for above fire
- Nov. 13, Box 421, 7.45 P. M. Pulled for above fire.
- Nov. 13, still, 10.40 P. M. Called to the above building for small fire on second floor near the plate.
- Nov. 14, Box 62, 3.18 P. M. Barn rear 11 Brooks Park. Slight damage; caused by children playing with matches.
- Nov. 20, still. House 13 Cushing street; owned by Mrs. A. G. Leavitt; occupied by G. L. Robinson. Chimney fire. No damage.
- Nov. 22, still, 3.10 P. M. Grass fire between Ash and Fountain streets.
- Nov. 22, still, 4.05 P. M. Grass fire near bridge off Auburn street.
- Nov. 22, Box 44, 5.25 P. M. Grass fire near North street bridge and near Boston avenue.
- Nov. 22, still, 6.45 P. M. Brush and burning rubbish at pest house off Elm street.
- Nov. 23, Box 44, 3.42 P. M. House 86 Boston avenue;

- owned and occupied by Mrs. Mary E. Wright. Slight damage to a few shingles on roof. Caused by spark from chimney.
- Nov. 24, Box 61, 10.14 A. M. Small building used by boys as a club room off Swan street; owned by Edward C. Scott. Value of building \$100; no insurance; damage \$20. Caught from grass fire.
- Nov. 24, still, 5 P. M. Called to Music Hall, Salem street; owned by W. Stevens; occupied by Mrs. A. Hobart, and as store rooms for furniture, also as office and dwelling. Value of building \$9,000; insurance on building \$9,500; no damage to building. Value of contents \$3,500; insurance on contents \$2,500; damage to contents \$10.
- Nov. 25, still, 12.48 night. Ruins of old College Hill Depot.
- Nov. 25, Box 75, 1.00 A. M. Pulled for above fire.
- Nov. 25, still, 5.35 A. M. Called to above fire; set on fire again.
- Nov. 25, Box 75, 5.45 A. M. Pulled for above fire.
- Dec. 1, still, 2.40 A. M. Small shed in rear of house 52 Dudley street; owned by Mrs. E. M. Hellum. This was a small building not of much value. Totally destroyed.
- Dec. 7, still, 2.45 P. M. Chimney fire at house owned and occupied by J. R. Teel. No damage.
- Dec. 8, still, 2.30 P. M. Grass fire at side of North street bridge.
- Dec. 8, Box 43, 6.05 P. M. Small shed owned and occupied by J. Reardon, Osgood street. Value of building \$50; no insurance; small damage.
- Dec. 16, Box 58, 11.25 A. M. House 23 Summit road; owned and occupied by C. H. Morss. Value of building and contents \$11,000; insurance on building and contents \$7,000; damage to building and contents \$1,980. Fire caught from under back porch. Cause unknown.

- Dec. 16, still, 6.30 P. M. House 90 Main street; owned and occupied by Miss N. Nicholson. Value of building and contents \$3,600; insurance on building and contents \$1,700; damage to building and contents \$74. Fire caused by hanging lamp in front hall.
- Dec. 18, Box 38, 1.10 A. M. Fire at factory building off Amaranth avenue; owned and occupied by J. W. Woods as a dye plant. Value of building and contents \$132,000; insurance on building and contents \$90,000; damage to building and contents \$500. Cause of fire unknown.
- Dec. 27, Box 64, 5.35 P. M. House on Crescent avenue; owned by C. Russell; occupied by M. Kelley. Value of building and contents \$3,500; insurance on building and contents \$2,000; damage to building and contents \$55. Curtains between parlor and sitting room burned. Cause of fire unknown.

Total number of alarms for the year 147; 72 being bell alarms and 75 being still alarms.

RECOMMENDATIONS.

| | |
|---|-------------|
| Salaries of engineers and firemen | \$15,328 00 |
| Ordinary expenses | 5,500 00 |
| Telephones | 270 00 |
| Heating plant at Central engine house | 250 00 |
| Two more permanent men | 1,704 00 |
| New hose | 300 00 |
| | <hr/> |
| | \$24,002 00 |

In closing my report I wish to thank your Honor for the interest you have taken in this department, the committee on fire department, the officers and members of this department, and all others who have in any way helped the department. Respectfully submitted,

C. E. BACON,
Chief Engineer of Medford Fire Dept.

REPORT
OF THE
SUPERINTENDENT OF STREET LIGHTS.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

SIR,—I have the honor of submitting my annual report as Superintendent of Street Lights for the year 1905.

NUMBER OF LIGHTS.

| | |
|---|-------------|
| Arc | 128½ |
| Incandescent | 572 |
| | |
| Amount of appropriation | \$20,099 04 |
| Amount transferred from miscellaneous bills | 249 00 |
| Amount received in rebates | 608 50 |
| | \$20,956 54 |
| Amount paid Malden Electric Co. | 20,140 54 |
| | \$816 00 |
| Balance unexpended | |

I would recommend the relocating some of the lamps and the trimming of trees wherever they obstruct the lights.

Respectfully submitted,

EMERY D. HOLMES,
Superintendent of Street Lights.

REPORT
OF THE
TRUSTEES OF CEMETERIES.

MEDFORD, January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

DEAR SIR,—The Trustees of Cemeteries hereby respectfully submit their annual report:

There have been 164 interments in the cemeteries of the city during the year 1905, as follows:

| | |
|---------------------------------|-----|
| Oak Grove Cemetery | 163 |
| Cross Street Cemetery | 1 |

Of this number 73 died outside of Medford. There were two removals from Oak Grove Cemetery to other burial places; 47 interments were made in single graves and two in free graves. The ashes of three persons who were cremated were interred at Oak Grove Cemetery.

Much has been accomplished during the past year in the way of permanent improvement. The routine work of the department has materially increased, yet it has been so systematized that it has not been necessary to employ other than regular help. It has been the aim of the Board of Trustees to co-operate with the Mayor in every way and practice judicious economy in all matters of administration.

GYPSY AND BROWN-TAIL MOTHS.

The care of the large number of trees within the limits of our cemeteries has been a matter causing great concern, and every effort has been put forth to exterminate the pests within our grounds. We are gratified to report that not a single tree in Oak Grove Cemetery was defoliated though

the expense of the protection was considerable, and we feel that the cost for a number of years to come will tax the limit of our ability to provide for this work from our regular appropriation.

We feel that it will be an absolute necessity to purchase a suitable spraying outfit the coming spring to have in readiness for the season's work. By proper spraying we shall be enabled to protect the oaks from the brown-tail moths, which is required, not so much on the account of the damage to the trees by the small caterpillars as by the injury done them by the continual cutting to remove the nests, which will, if continued, in a very short time ruin some of our oldest and best trees, which naturally make but little growth each year.

A vast amount of work has been accomplished by employees of the city, under the direction of the Mayor, on land bordering on Oak Grove Cemetery and owned by individuals who have neglected caring for the pests. This will be of great assistance to this department the coming season, yet we believe that a sum of at least six hundred dollars (\$600) will have to be devoted to this work in addition to that needed for a spraying apparatus.

DRAINS.

During the year 1905 there has been laid 666 feet of 15-inch drain across that part of the cemetery acquired from Mr. Brooks. In connection with this, two brick manholes and one brick catch basin were constructed. This practically completes the main system of drainage as previously recommended by this Board.

One hundred and twenty-nine square yards of concrete gutter has been replaced with paving during the year.

RECEIVING TOMB.

There have been placed in the receiving tomb during the year 24 bodies, of which 21 were interred in Oak Grove Cemetery and three removed to other places for burial.

STORAGE ROOM.

It will be necessary to construct a suitable shed for the storage of tools and appliances used by the department; the present storage facilities are taxed to their utmost, and one building which we are obliged to use is absolutely unfit for any such purpose, as the roof and frame are thoroughly rotted.

BUILDINGS.

All the buildings are in good repair with the exception of a part of one that will need to be shingled the coming season.

FENCES.

Last year attention was called to the condition of the fence at Cross Street Cemetery. That part of the fence adjoining the Boston & Maine Railroad track is in particularly bad condition, so much so, in fact, that it should be wholly reconstructed at once.

It is hoped that some way may be devised to provide the funds necessary for the building of the fence between Oak Grove Cemetery and the land purchased from Mr. Brooks. This is a matter which has been under consideration since the acquiring of the land and was one of the conditions of the sale. Not only is it not keeping good faith with Mr. Brooks, but it is leaving the cemetery grounds in a very unprotected condition, as quite a portion of the boundary line is without anything to obstruct the passage of teams, cattle and persons.

The various styles of fences have been considered and a careful study has been made of the matter. We believe that a sum of not less than fifteen hundred dollars (\$1,500) will be required to construct this fence.

NEW LOTS.

The work of preparing new ground is progressing satisfactorily, and within another year the plot which has been under process of grading, etc., will be completed. We wish

to acknowledge the benefits we have received from the Highway Department for material furnished for filling, it being in all 953 single loads.

PLAN.

The need of a complete and adequate plan of Oak Grove Cemetery becomes greater every year. The construction of one has been frequently recommended and it will soon become a case of necessity.

GREENHOUSE.

As was stated in the report of last year, the construction of a greenhouse would be a work of economy. The advantage of one at Oak Grove Cemetery is obvious, and the annual saving in expenditures for plants, flowers and shrubs which such a structure would permit of would be considerable.

PERPETUAL CARE.

The Perpetual Care Fund now amounts to \$29,110, this being invested under the control of the Sinking Fund Commissioners.

LOTS SOLD.

There have been twenty-one (21) lots sold during the past year and a considerable number are prepared and ready for sale.

It is but proper that reference should be made to the great loss the trustees have sustained during the year just closed in the death of our associate and friend Captain John Hutchins, Chairman of the Board.

No eulogy is needed, for the deeds of his active life speak for themselves, and his devoted service to his country in its time of need, his interest in his home town and city as a citizen and the conscientious faithfulness with which he performed his official duties are all too well known to need repetition.

For 18 years he served as a trustee of cemeteries, and his counsel and advice in matters pertaining to this department were invaluable.

He has gone to that bourne from which no traveler returns, but the memory of his life and his devotion to duty will ever be with us to spur us on to emulate his virtues.

The receipts and disbursements have been as follows :

| | |
|--|-------------|
| Received from appropriation | \$3,800 00 |
| Received from sale of lots and graves | 3,428 75 |
| Received from care of lots, interments, etc. | 1,818 50 |
| Received from interest on Perpetual Care Fund, | 1,005 90 |
| | <hr/> |
| Total receipts | \$10,053 15 |
| Total expended | 10,031 41 |
| | <hr/> |
| Balance unexpended | \$21 74 |

In consideration of the various demands upon the department for the expenses necessary to accomplish what seems to be imperative, as set forth in the foregoing, we would respectfully recommend that an appropriation of forty-five hundred dollars (\$4,500) be made for the care of cemeteries for the ensuing year.

Respectfully,

EBEN F. ROBERTS,
BARKER B. HOWARD,
OSCAR H. ALLEN,

Trustees of Cemeteries.

REPORT
OF THE
CITY PHYSICIAN.

MEDFORD, MASS., March 10, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford :

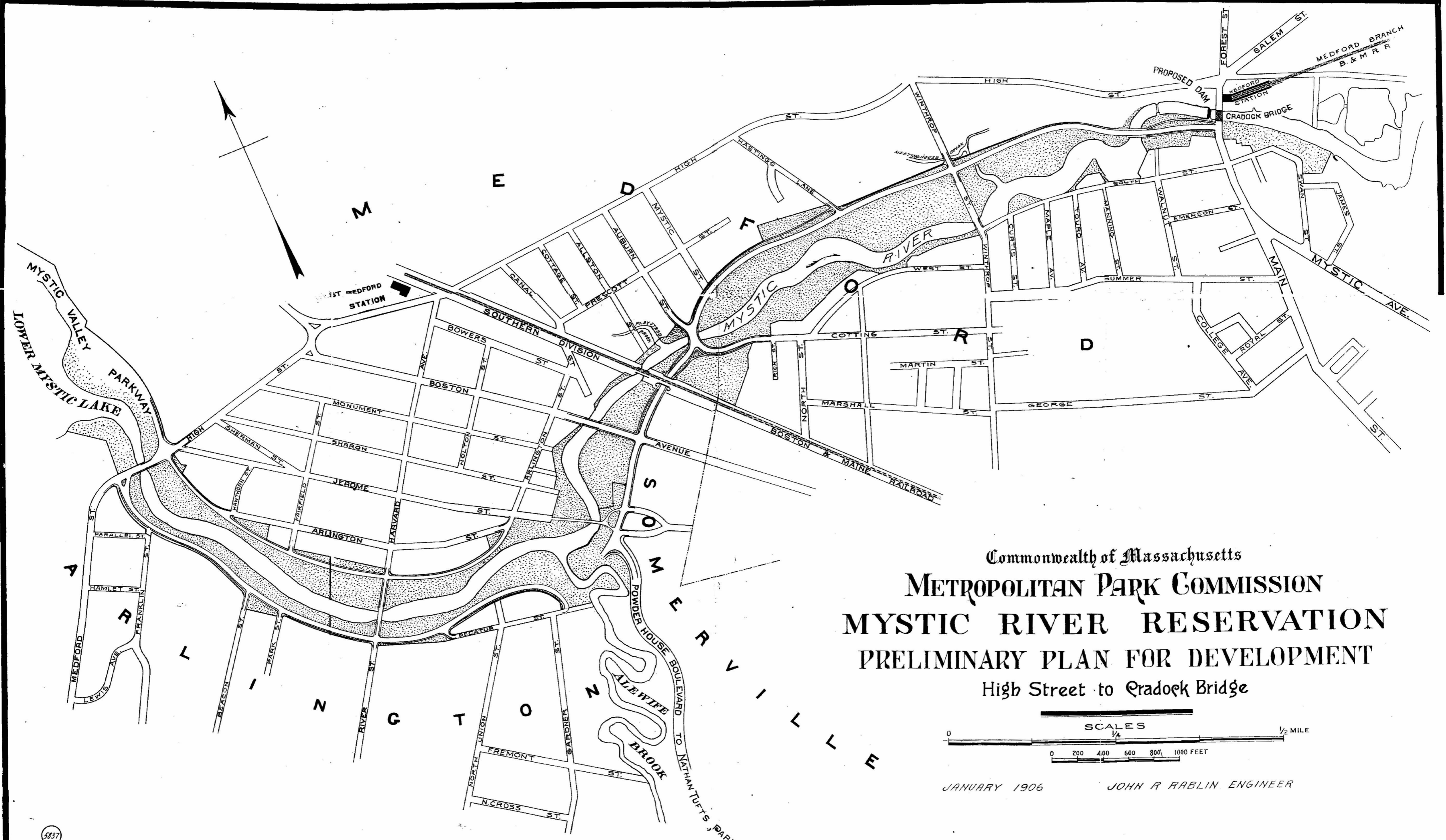
SIR,—I have the honor to submit to you the report for the ten months ending December 31, 1905 :

Total number of calls made 212

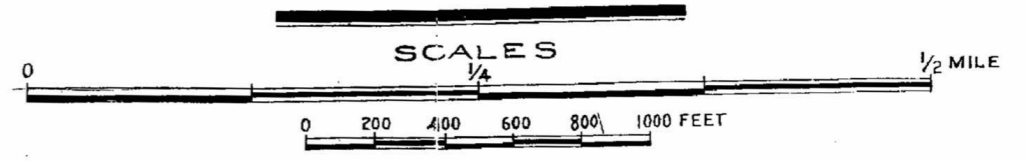
I would suggest that the duties of the City Physician be clearly defined. I also wish to call your attention to the necessity of better accommodations for emergency cases.

Respectfully submitted,

PATRICK F. GAHAN,
City Physician.



Commonwealth of Massachusetts
METROPOLITAN PARK COMMISSION
MYSTIC RIVER RESERVATION
PRELIMINARY PLAN FOR DEVELOPMENT
 High Street to Craddock Bridge



JANUARY 1906 JOHN R. RABLIN ENGINEER

REPORT
OF THE
PARK COMMISSIONERS.

MEDFORD, January 11, 1906

To his Honor Michael F. Dwyer, Mayor :

The Park Commission submits the following as its thirteenth annual report, for the year ending December 31, 1905 :

Some progress has been made during the year towards the settlement of claims on account of land acquired by the city on or near Mystic River for park purposes, and it is urged that the City Solicitor make extra efforts to settle the remaining claim during the coming year, as some agreement with the Metropolitan Park Commission in regard to the improvement and care of these takings will have to be made in the near future. The work of placing concrete markers or stakes to define the bounds of these takings has been completed.

Work on that part of the Mystic Valley Boulevard between Main street and High street has been commenced by the Metropolitan Park Commission and will undoubtedly now be carried to completion.

A large amount of filling has been done on the park at South Medford, and by the time the Sewer and Water Commission will have completed the improvements on the brook running through the northerly side it is expected that the sub-grading will be finished. As the expense of the completed grading, preparation of lawn spaces, beds for planting, shrubs, trees, etc., will be quite large, it is thought best

not to ask for any appropriation at this time, leaving it for the subject of a special appropriation at the proper time.

In the report of last year attention was called to the discovery of the San José scale on the shrubbery at Magoun Park and Logan Grove. Under the advice of Professor Kirkland all the shrubbery in these parks was sprayed early last spring by Frost & Co., of Arlington, and an examination last fall by an assistant of Professor Kirkland showed a little improvement in these parks, but at Hastings Heights where none was found last spring, although some was found in neighboring estates, it was found last fall. As no new plantings have been made in any of the parks during the past year, the scale must have spread to this park from these neighboring estates.

Unless the spraying, which seems to be the only remedy now known, proves much more satisfactory on another examination, the commission feel that a large amount of shrubbery will have to be taken out and burned.

It is understood that this scale is to be found in other places in Medford not adjacent to the parks, and as the effect of it is the same as that of the gypsy and brown-tail moths, the final killing of the growth infected, it is urged that the citizens acquaint themselves with it and take steps for its extermination wherever found.

The completed parks have been kept in a very satisfactory condition; the band stand on the common has been repaired and painted, a slight change made in some of the shrubbery at Logan Grove, the nests of the brown-tail moth cut off and burned, those of the gypsy moth treated with creosote oil.

A beginning has been made on the filling for the play grounds on Riverside avenue and Mystic avenue by the dumping of ashes and other suitable material by the Highway Department; also on a part of the Metropolitan Reservation on Winthrop street where it is expected a play ground will be allowed to be made. It is very desirable that the

filling by the Highway Department in these places be continued.

Attention is again directed to the following recommendation made in previous reports :

The turning over to the commission the control of the strip of land along Meeting House Brook between High street and the Metropolitan Park Reservation.

The cost of maintenance of the parks increases each year, and with the completion of the park at South Medford a very material increase must be expected, the removal and treatment of the brown-tail and gypsy moth nests is a large item of expense, and with the incidental items that are continually coming up it seems impossible to do the work now being done and to be done with any less appropriation than is asked.

We recommend and ask for the following appropriations for the use of the department for the ensuing year :

| | |
|--|------------|
| Public commons | \$2,000 00 |
| Park at South Medford | 350 00 |
| Stone steps, west side of Governors avenue | 500 00 |
| Play grounds, Mystic and Riverside avenues | 200 00 |

A copy of the report of Mr. Edward P. Adams, Landscape Engineer, is appended, and made a part hereof.

Respectfully submitted,

GEORGE O. FOSTER,
 DAVID G. MELVILLE,
 ROSEWELL B. LAWRENCE,
 I. O. WRIGHT,
 WILTON B. FAY,
Park Commissioners.

REPORT OF EDWARD P. ADAMS, LANDSCAPE
ARCHITECT AND ENGINEER, 53 STATE
STREET, BOSTON, MASS.

JANUARY 11, 1906.

George O. Foster, Esq., Chairman of the Park Commissioners, City of Medford:

SIR,—I respectfully submit the following report of park work for the year 1905:

As the regular care of the parks required all the city appropriations for park purposes, no new work was attempted. The neat appearance of the finished parks throughout the season speaks well for Mr. Rafferty's careful work.

For the purpose of carrying out the original park design of May, 1902, for the proposed park at South Medford, detail working plans were commenced in the latter part of March at the request of his Honor the Mayor, and a preliminary estimate of quantities presented at the meeting of the Park Commissioners March 30. Later I made and reported a more detailed estimate of quantities and cost of improvement, including also walling of brook, which under the head of brooks and streams would properly be in charge of the Water and Sewer Commissioners, and advised that the latter part of the improvement should be done before the adjoining park work is undertaken. The estimates were based on the completion of the present arrangement for free filling with ashes to sub-grade. This filling has continued throughout the year. In November, 56 of the willow trees in the property were marked for removal, that the work of destroying brown-tail moth nests and gypsy moth egg clusters should not be wasted on them. It was found that the wood was too old to be of value to the powder makers of Acton. I found a good many egg clusters of the Tussock moth at this place.

In December, a large quantity of gravel having been given to the city, the only cost being a short haul from Bow street, I was requested to set grade stakes and superintend the gravel filling. The grade marks will also enable more care to be used in the disposition of later filling with ashes and gravel. Six months more should complete the ashes filling. A prompt completion of the park improvement will then cost no more than if delayed, while the benefits derived will begin as soon as the park is completed.

In June I visited all the city parks and reported in detail their condition and needs. Advisory visits and reports were made in July, August and November as requested. The wire fence at Brooks Park, built just before the two hundred and seventy-fifth anniversary celebration, will well protect the shrubs and grass at corners of the park on Main street. Painted green as the posts and braces are, the fence is both neat and strong. At Logan Grove and Hastings Heights the walks were resurfaced with stone-crusher dust and in the shrubbery beds additional loam added to repair the waste. An overgrown willow at Logan Grove was removed and replaced by hydrangeas which were becoming crowded at Magoun Park. At the latter place the repeated spraying with the lime and sulphur mixture has not yet wholly destroyed the San José scale, although it has stopped the spread of it and materially reduced the danger from it. The San José scale has appeared at Logan Grove and Hastings Heights and should be promptly destroyed. The destruction of the gypsy moth and brown-tail will continue to be required at considerable expense where there are tall trees, and the work cannot be too thoroughly done. At every stage of development these pests must be destroyed or they cannot be suppressed.

Actual work on the Mystic Valley Reservation began in April. Ever since that date, under the charge of the Metropolitan Park Commission, sub-grading the proposed boulevard and dredging a deeper waterway by means of the trac-

tion hoe, a giant shovel operated by stout steel cables between two stationary engines, has continued from High street at the Weir bridge nearly to Main street at the Cradock bridge. Coleman Brothers, the contractors for dredging river and sub-grading boulevard, have moved about 55,000 cubic yards of material since they began work in April. This is a little more than a third of the whole amount required to be moved between Weir bridge and Cradock bridge by the present plans of the Metropolitan Park Commission for Mystic River improvement.

The three places reserved for playgrounds in the Mystic Valley Reservation have received considerable filling during the past year and it is to be hoped that they will be filled even more rapidly during the coming year.

I trust that an increased appropriation for park maintenance in keeping with the increased acreage of park improvements will be available another year; that much needed work previously recommended may be done and the city derive from increased valuation a larger benefit than the invested expense, as is apparent to all, has resulted at Hastings Heights.

Respectfully submitted,

EDWARD P. ADAMS,
Landscape Architect and Engineer.

REPORT
OF THE
CHIEF OF POLICE.

MEDFORD, January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

SIR,—I have the honor of submitting my annual report of the work of the Police Department for the year 1905.

ORGANIZATION.

The Police Department as organized at present is as follows:

Chief.

Emery D. Holmes.

Sergeant.

William G. Ewell.

Patrolmen.

John Grady, Alfred Haskell, Daniel K. Richardson, Francis C. Thielor, George H. Lenox, Charles H. Watson, Frederick J. Lewis, James H. Kane, P. Frank Ward, William G. Golding, Charles H. Ewell, Thomas F. Connors, J. Everett Peirce, John B. A. Buffum, Daniel W. Connors, William H. Cowing, John J. Manning, John F. Welch and Daniel J. Fitzpatrick.

Reserve Officers.

Fred W. Blake, Michael Callahan, Jeremiah J. Hartnett, Alexander M. Higgins.

Special Officers.

Paul G. Bickford, Edward H. Larkin, Michael A. Her-

nan, Thomas F. McGuine, Fred G. Ewell, Harry L. Haskell, Archie McLeod, John H. Frazier and Nicholas Conaty.

ARRESTS.

| | |
|---------------------------|-----|
| Whole number of arrests | 254 |
| Males | 238 |
| Females | 16 |
| Adults | 193 |
| Minors | 61 |
| Residents | 171 |
| Non-residents | 83 |
| Arrested on warrants | 108 |
| Arrested without warrants | 146 |
| Held for trial | 245 |

CAUSE OF ARREST.

| | |
|----------------------------|-----|
| Assault and battery | 13 |
| Attempt to break and enter | 1 |
| Bastardy | 1 |
| Breaking and entering | 14 |
| Breaking glass | 9 |
| Default | 10 |
| Disturbing the peace | 3 |
| Drunkenness | 106 |
| Escaped prisoner | 1 |
| Evading car fare | 1 |
| Insane | 9 |
| Larceny | 34 |
| Larceny (felonious) | 1 |
| Non-support | 5 |
| Obstructing street car | 1 |
| Peddling without a license | 1 |
| Runaways | 1 |
| Safe keeping | 5 |
| Straggler from the navy | 1 |
| Stubborn child | 2 |

REPORT OF CHIEF OF POLICE.

351

| | |
|-------------------------------------|-------|
| Truants | 1 |
| Unlicensed dog keeping | 12 |
| Vagrancy | 1 |
| Violation milk bottle law | 6 |
| Violation city ordinances | 6 |
| Violation Lord's Day | 4 |
| Violation park rules | 2 |
| Wilful injury to property | 3 |
| | <hr/> |
| Total | 254 |

Disposition of Cases.

| | |
|--|-------|
| Bound over to Superior Court | 9 |
| Committed to the House of Correction | 7 |
| Committed to the House of Correction for non-payment of fine | 8 |
| Committed to the Danvers Insane Hospital | 7 |
| Committed to the Westboro Insane Hospital | 2 |
| Committed to the Massachusetts Reformatory | 2 |
| Committed to the Lyman School | 3 |
| Defaulted | 21 |
| Discharged | 15 |
| Nolle prossed | 1 |
| Now pending in court | 23 |
| Paid fines in court | 54 |
| Placed on file | 77 |
| Released | 14 |
| Turned over to other officers | 9 |
| Turned over to friends | 2 |
| | <hr/> |
| Total | 254 |

Nativity of Prisoners.

| | |
|-----------------------------|----|
| Arabia | 2 |
| British Provinces | 11 |
| Canada | 5 |
| England | 2 |

| | |
|-------------------------|------------|
| Finland | 1 |
| Germany | 4 |
| Ireland | 47 |
| Italy | 3 |
| Russia | 3 |
| Scotland | 3 |
| Sweden | 1 |
| United States | 172 |
| Total | <u>254</u> |

Lodgers.

There were fifty-six lodgers put up at the station during the year :

| | |
|-------------------|-----------|
| Males | 55 |
| Females | 1 |
| | <u>56</u> |

Nativity of Lodgers.

| | |
|-----------------------------|-----------|
| Arabia | 1 |
| British Provinces | 3 |
| Canada | 2 |
| England | 3 |
| Ireland | 17 |
| Scotland | 3 |
| Sweden | 1 |
| United States | 26 |
| | <u>56</u> |

Miscellaneous Work.

| | |
|--|----------|
| Amount of property stolen | \$848 50 |
| Amount recovered by police | 160 00 |
| Accidents reported | 40 |
| Buildings found open and secured | 166 |
| Cases investigated | 724 |
| Defective streets and sidewalks reported | 148 |

| | |
|---|-----|
| Defective water pipes reported | 79 |
| Defective wires | 92 |
| Dead bodies cared for | 6 |
| Disturbances suppressed | 29 |
| Dogs killed | 45 |
| Extra details of officers | 315 |
| Fire alarms responded | 80 |
| Fires put out without alarm | 10 |
| Gas turned off in buildings | 3 |
| Horses found cast or loose in stables | 17 |
| Lanterns placed on defects in streets | 16 |
| Lost children found and returned | 28 |
| Notices posted and delivered | 177 |
| Number of runs of patrol wagon | 318 |
| Number of miles run | 818 |
| Sick and injured persons assisted | 45 |
| Stray teams cared for | 9 |
| Street obstructions removed | 20 |
| Street lights reported not burning | 328 |
| Search warrants for stolen goods served | 5 |
| Search warrants for liquors served | 1 |
| Water found running to waste | 16 |

Financial.

| | |
|--|----------|
| Amount of fines imposed in court | \$480 00 |
| Amount of fines paid in court | 363 00 |
| Amount of money taken from prisoners and re- turned to them | 376 72 |

The expenditures of the department have been as follows :

| | |
|--|--------------------|
| Appropriations | \$28,730 00 |
| Amount received from sale of horse | 140 00 |
| Amount received for use of ambulance | 15 00 |
| Making a total of | <u>\$28,885 00</u> |

| | |
|----------------------------------|---------------|
| Amount paid salaries of officers | . \$20,300 00 |
| Amount paid special officers | . 1,560 76 |
| Amount paid miscellaneous bills | . 2,278 31 |
| Amount paid salary of janitor | . 728 00 |
| Amount paid for signal system | . 4,000 00 |
| | \$28,867 07 |
| | \$17 93 |

For a more detailed statement, see report of City Auditor.

SIGNAL SYSTEM.

For over fifteen years the department has urged the installing of the Gamewell Signal System, and on the fourteenth day of June, 1905, it was in running order and the officers commenced to pull in their on-duty calls. The system has given good satisfaction, and I should recommend the addition of more boxes every year until the city is properly covered. The work done by the system since June 23 is as follows :

| | | |
|---------------------------|-----------|--------|
| Number of on-duty calls | | 24,735 |
| Number of telephone calls | | 1,314 |
| Number of wagon calls | | 50 |

LOCATION OF PATROL BOXES.

Circuit No. 1.

- 12. Main corner of Hancock.
- 14. Albion near Main.
- 15. Winchester street and Newbern avenue.

Circuit No. 2.

- 21. High corner of Forest.
- 23. High corner of Winthrop.
- 25. Winthrop opposite Summer.
- 251. Boston avenue near Winthrop.
- 231. High near Railroad Crossing.
- 234. High near Jerome.

Circuit No. 3.

- 33. Washington near Cross.
- 35. Park near Salem.
- 352. Salem corner of Spring.
- 321. Washington corner of Park.
- 325. Spring street near Railroad Crossing.
- 343. Fifth street near Middlesex avenue.

RECOMMENDATIONS.

I would respectfully recommend the building of a stable for this department on land owned by the city in rear of the police station.

Also that the city government accept Chapter 428 of the Acts of 1903,—an act relative to granting police pensions in cities.

In concluding this report, I wish to thank your Honor, the members of this department and all others for their assistance during the past year.

Respectfully submitted,

EMERY D. HOLMES,
Chief of Police.

REPORT
OF THE
SEALER OF WEIGHTS AND MEASURES.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor:

The following report of the Sealer of Weights and Measures is respectfully submitted :

The work done in the office was as follows :

| | | |
|--|--------|--------|
| Scales tested and sealed | 28 | |
| Weights tested and sealed | 34 | |
| Dry measures tested and sealed | 15 | |
| Yardsticks tested and sealed | 2 | |
| Milk bottles tested and sealed | 14,682 | |
| | | 14,761 |

Number of weights, measures and balances adjusted and sealed :

| | | |
|--------------------|----|----|
| Scales | 3 | |
| Measures | 2 | |
| Weights | 12 | |
| | | 17 |

Number of weights, measures and balances tested and condemned :

| | | |
|---|-----|--------|
| Scales | 5 | |
| Milk bottles | 264 | |
| | | 269 |
| Whole number of tests in office | | 15,047 |

Work done in stores and on the street :

Weights, measures and balances tested and sealed :

| | | |
|------------------------|-----|-------|
| Scales | 326 | |
| Weights | 882 | |
| Dry measures | 385 | |
| Coal baskets | 6 | |
| Yardsticks | 29 | |
| | — | 1,628 |

Number of weights, measures and balances adjusted and sealed :

| | | |
|------------------------------|----|-----|
| Scales | 63 | |
| Weights | 98 | |
| Dry measures | 12 | |
| Yardsticks | 2 | |
| Tagged for repairs | 4 | |
| | — | 179 |

Weights, measures and balances tested and condemned :

| | | |
|------------------------|-----|--------------|
| Scales | 8 | |
| Dry measures | 11 | |
| Wet measures | 264 | |
| | — | 283 |
| | | <u>2,090</u> |

Whole number of tests in stores and on streets

| | |
|--|---------------|
| Whole number of tests in stores and on streets | 2,090 |
| Whole number of tests in office | 15,047 |
| Total | <u>17,137</u> |

FINANCIAL STATEMENT.

The expenditures for the year 1905 were :

| | |
|--|----------|
| Amount of appropriation (including salary) | \$275 00 |
|--|----------|

358 REPORT OF SEALER OF WEIGHTS AND MEASURES.

| | | |
|---|---------|--------------|
| Tools and supplies | \$40 92 | |
| Team and helper | 84 00 | |
| Salary | 150 00 | |
| | <hr/> | \$274 92 |
| Balance unexpended | | <hr/> \$0 08 |
| Fees received and paid City Collector account of sealing and adjusting | \$98 35 | |
| Fees received by City Collector ac- count of sealing and adjusting | 2 48 | |
| | <hr/> | \$100 83 |

I would respectfully recommend that the sum of one hundred and seventy-five dollars (\$175.00) be appropriated for the purpose of properly carrying on the business of this office for the ensuing year.

Very truly yours,

WINSLOW JOYCE,
Sealer of Weights and Measures.

REPORT OF THE CITY MESSENGER.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

DEAR SIR,—I have the honor to transmit for your consideration the thirteenth annual report of this department for the year ending December 31, 1905.

GENERAL WORK.

During the past year the work performed by the City Messenger has been the care and supervision of cleaning the City Hall and City Hall Annex, attendance at the meetings of the Board of Aldermen and its committees, also the meetings of the different departments and boards, and the performance of the duties of messenger for the various officials of the city.

MEETINGS OF BOARD OF ALDERMEN.

The number of meetings of the Board of Aldermen and its committees attended by the City Messenger the past year is as follows:

| | |
|---|-----|
| Board of Aldermen (regular meetings, 26; special meetings, 5) | 31 |
| Public hearings | 6 |
| Committees | 112 |

CITY PROPERTY.

The following property is in charge of the City Messenger:
Five national flags (three large and two small).

Medford Town and City Reports.

Sundry documents of the old Town of Medford. .

Copies of the Acts and Resolves of the Legislature of Massachusetts.

EXPENDITURES.

The amount expended by this department for the year ending December 31, 1905, was three thousand nine hundred and thirty-two dollars and seventeen cents (\$3,932.17). This amount was three hundred and thirty-two dollars and seventeen cents (\$332.17) over and above the amount thirty-six hundred dollars (\$3,600) appropriated for this department the first of the year. This excess was caused by the painting and the renovating of the City Hall to prepare for the reception of visitors during the two hundred and seventy-fifth anniversary of Medford. As these improvements were much needed and were to be permanent, it was necessary to ask for an extra appropriation. On recommendation of his Honor the Mayor, the Board of Aldermen passed an order transferring three hundred and thirty-five dollars (\$335) from any unexpended balances as the Mayor might direct to the account "City Hall."

The following is an itemized account of the amounts appropriated, transferred and expended by this department for the year ending December 31, 1905 :

| | |
|-------------------------------|-------------------|
| Amount appropriated | \$3,600 00 |
| Amount transferred | 335 00 |
| Total | <u>\$3,935 00</u> |

Amounts expended for City Hall :

| | |
|-----------------------------------|----------|
| Electric light | \$178 97 |
| Gas light | 48 83 |
| Fuel | 423 14 |
| Watchman and substitute | 782 00 |
| Ice | 28 75 |

| | | |
|--|------------|------------|
| Incidentals | \$517 89 | |
| Water tax | 35 52 | |
| | <hr/> | |
| Total, City Hall | | \$2,015 10 |
| | | |
| Amounts expended for Annex : | | |
| Electric light | \$18 37 | |
| Gas light | 10 94 | |
| Rent | 1,000 00 | |
| Fuel | 212 88 | |
| Janitor and substitute | 642 00 | |
| Ice | 10 70 | |
| Incidentals | 11 74 | |
| Water tax | 10 44 | |
| | <hr/> | |
| Total, Annex | | 1,917 07 |
| | | <hr/> |
| Total amount expended for City Hall and Annex, | \$3,932 17 | |
| Unexpended balance | 2 83 | |
| | <hr/> | |
| | | \$3,935 00 |

I desire to tender my thanks to the Highway Department for the prompt removal of ice and snow from the sidewalk about City Hall. I also extend my thanks to the Chief of Police for assistance rendered in furnishing details of police on important occasions.

I wish to express my obligations to his Honor the Mayor and to the heads of the different departments for many favors extended to me.

Respectfully submitted,

JAMES B. SIMPSON,
City Messenger.

REPORT
OF THE
INSPECTOR OF MILK AND VINEGAR.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor:

DEAR SIR,—The following report of the Inspector of Milk and Vinegar is respectfully submitted:

| | |
|--|-----|
| Number of licenses to dealers convey- ing milk by carriages or otherwise for the purpose of sale | 96 |
| Number of new registrations of store- keepers engaged in the sale of milk, | 27 |
| | — |
| Whole number of licenses and certifi- cates for 1905 | 123 |

Amount of money received and paid to City Collector:

| | | |
|---|---------|---------|
| Licenses, 96 at \$0.50 | \$48 00 | |
| Registrations, 27 at \$0.50 | 13 50 | |
| | — | \$61 50 |
| Number of samples of milk taken for analysis | 156 | |

FINANCIAL STATEMENT.

| | |
|--|----------|
| Amount of appropriation (including salary) | \$125 00 |
| Advertising and supplies | \$16 35 |
| Labor and expenses | 2 65 |

| | | |
|-----------------------------|--------|----------|
| Chemical analysis | \$6 00 | |
| Salary | 100 00 | |
| | <hr/> | \$125 00 |

I would respectfully recommend that the sum of fifty dollars (\$50.00) be appropriated for the expenses of this department for the ensuing year.

Very respectfully,

WINSLOW JOYCE,

Inspector of Milk and Vinegar.

REPORT
OF THE
CITY SOLICITOR.

MEDFORD, MASS., January 2, 1906.

Hon. Michael F. Dwyer, Mayor, Medford, Mass. :

MY DEAR SIR,—I herewith hand you my report for the municipal year ending December 31, 1905.

The work of my department during the past year has consisted largely in giving oral advice and written opinions to members and committees of both the legislative and executive branches of the city government in relation to their official business. There seems no necessity of my encumbering this report with copies of these opinions, and I therefore pass them by with the statement that all the written ones can be found on file in the archives of the city. I have also had under my charge in court thirty-six cases in which the City of Medford has been a party. As in the instance of the opinions above referred to, I do not think it material to lengthen this report by referring in detail to the majority of these cases; they are all entered upon the city docket, and anyone who desires can consult them thereon. I have also spent considerable time in drafting documents and examining titles for the city. These matters also are of such a miscellaneous character that they need no special enumeration.

There have been, however, some cases of very general interest, and these I report as follows: After holding the case of *Hellen v. Medford* under advisement for a little over a year, the Supreme Judicial Court in May, 1905, reported its decision. The case was an action for damages brought

by Joseph Hellen of the City of Medford on account of the taking of his property by the city for park purposes. Dana B. Cutter, the lessee of the estate, being cited into the case by the petitioner, was also a claimant for damages. After the property had been taken by the city, the latter secured a special act of the Legislature (Chapter 196 of the Statutes of the year 1900) providing that the land might be abandoned to the former owner and that this abandonment could be pleaded in reduction of damages. A year after the taking the city, acting under this statute, abandoned the property. Mr. Hellen, the owner of the property, claimed that the statute authorizing the abandonment was unconstitutional and brought the above action, joining the lessee Cutter as co-plaintiff. In a trial before a jury of the Superior Court the jury found that the fair market value of the land at the time of the taking was \$13,000; that the damage to Hellen as reduced by the abandonment was \$1,000; that the damage to Cutter by the taking was \$1,000; that the damage to Cutter as reduced by the abandonment was nothing, and as a special finding that Mr. Hellen had agreed with the city that if the property was abandoned by the city his damages would be very small, and that \$1,000 would be a reasonable sum under this agreement. The judge in the Superior Court declined to rule that the statute of abandonment was unconstitutional and directed judgment to be entered for Hellen in the sum of \$1,000 and interest, and that as regards Cutter judgment be entered for the defendant. The case at the request of the petitioners was reported to the full bench of the Supreme Judicial Court, which, as stated above, after more than a year's consideration has finally handed down its decision. The court holds that Chapter 196 of the Statutes of 1900 is unconstitutional, but that under the special circumstances the case comes within the principle that where a constitutional provision is designed for the protection of the property rights of a person, it is competent for the latter to waive the protection

and to consent to such action as would be invalid if taken against his will; and, in view of the finding by the jury that Hellen had agreed that his damages would be very small, he must be held to have waived his right to insist upon the unconstitutionality of the statute. Judgment of \$1,000 and interest for Hellen. As to the lessee Cutter, as he did not waive his right the court held that he was entitled to recover the full amount of his damage, \$1,000 with interest. The full decision can be found reported in 188 Massachusetts Reports, 42.

Another case of importance was the one conducted before special commissioners appointed under Chapter 491 of the Acts of 1901 to apportion the expense of constructing and maintaining the new Wellington bridge across the Mystic River between the Cities of Medford and Somerville. The cost of the bridge just completed amounts to \$184,261.61 and the estimated annual maintenance is \$2,661. The bridge was erected in place of a bridge already existing, but much decayed and maintained entirely by the cities of Medford and Somerville. The case was argued at much length and a great deal of evidence submitted. The City of Medford, as being the party *prima facie* primarily interested, was required by the commission to go forward with the case and was allowed both the opening and the close. The theory on which I conducted it was that the bridge was largely for the benefit of the Metropolitan Park District, and that the cities in the immediate locality would have been content with a much smaller and less costly structure. The apportionment finally found by the commissioners is as follows:

| | |
|--------------------------------------|------|
| Somerville | 12½% |
| Medford | 19 % |
| Malden | 14 % |
| Stoneham | 3½% |
| Reading | 1 % |
| Metropolitan Park District | 50 % |

Another matter of importance was the apportionment by commissioners of the expense (sinking fund and maintenance) for parks and boulevards in the Metropolitan Park System for the next five years. The estimated annual requirement for parks for the year 1905 was \$532,142.37, and this amount will probably show an annual increase in the succeeding four years. The estimated annual expense of the boulevards for the year 1905 shows a total of \$140,506.57, and this likewise will probably be annually increased during the succeeding four years.

The amount charged against the City of Boston at the preceding apportionment was fifty per cent. In conjunction with several other city solicitors I was led to believe that this was too small and that a more equitable rule was to have the expense apportioned according to property valuation, including therein both real and personal. This theory was advocated before the commission by nearly all the cities and towns within the district except the City of Boston. It was opposed by the latter. It was, however, adopted by the commissioners, with the result that for the following five years the City of Boston will be apportioned 62 per cent on the part of park expenses and the other towns and cities the balance according to their valuation. This will make a substantial reduction in favor of the City of Medford.

In relation to boulevards the commission held that they stood upon a somewhat different basis from the parks. One-half the expenses are paid by the Commonwealth and the other half by the cities and towns in the Metropolitan Park District. The commissioners apportioned upon the respective municipalities in which the several boulevards are constructed 25 per cent of the half to be apportioned to the district and the remaining 75 per cent of the said half upon the district in proportion to valuation. I am at present unable to state the effect this will have upon the City of Medford, but I am of the belief that its boulevard tax will be increased.

Among other matters, your solicitor devoted considerable time before the Legislature in advocating a suitable appropriation by the Commonwealth for the purpose of suppressing the gypsy moth. The cities and towns advocating this measure, after being defeated for three successive years, finally secured the passage of Chapter 381, Statutes of 1895, providing a state appropriation of \$300,000 and requiring expenditures likewise on the part of cities, towns and individuals. The act, while not perfect, is as satisfactory as could be expected in view of the many conflicting interests involved.

The cases of the City of Medford *v.* the Commonwealth, for the taking of the waters of Spot Pond and land surrounding the same, were argued in the spring of this year and the report of the auditors was filed in the Superior Court in the month of June. The cases were three in number, one for the taking made on January 1, 1898, for the waters of Spot Pond and the immediate shore line, the second for the taking made August 5, 1899, by the Commonwealth of certain additional land owned by the City of Medford and the third for the taking made on the second day of June, 1902, by the Commonwealth of an easement for the purpose of laying a pipe line through land of the City of Medford south of Spot Pond. On July 28, 1904, acting under Chapter 317 of the Acts of 1904, the Commonwealth paid to the City of Medford \$100,000 principal and \$36,816.75 interest, being the amount which the State claimed to be due to the city on account of these three takings. The auditors awarded, in addition to the preceding sum, the sum of \$333,004.95, this sum including interest as well as principal. The total price, therefore, for these takings is according to the auditors' finding \$469,821.70. The amount originally offered the City of Medford was \$107,962.47 with interest at 3½ per cent per annum from November 1, 1900, together with \$5,000 afterwards offered for the taking of June 2, 1902.

I wish on this occasion to express officially my appreciation of and admiration for the work done in these cases in behalf of the city by its senior counsel, Hon. Nathan Matthews. In my opinion the successful issue of the cases is due principally to his great thoroughness in their preparation and his unequalled skill in their trial. Up to the date of this report the Commonwealth has not yet paid the award. It is to be hoped that payment will soon be made.

Respectfully submitted,

J. M. HALLOWELL,
City Solicitor.

REPORT
OF THE
CITY TREASURER.

MEDFORD, MASS., January, 28, 1906.

To the Hon. Michael F. Dwyer, Mayor of the City of Medford:

SIR,—I herewith submit my annual report for the year ending December 31, 1905.

| | |
|---|----------------|
| Cash balance in the city treasury January 3, 1905 | \$191,589 81 |
| Amount received in the city treasury from January 3, 1905, to January 1, 1906 | 1,098,466 22 |
| | \$1,290,056 03 |

| | |
|---|----------------|
| The disbursements from January 3, 1905, to January 1, 1906, amount to | \$1,250,239 63 |
| Cash in treasury January 1, 1906 | 39,542 76 |
| Cash held for bills of F. W. Gow | 250 00 |
| Cash held for bill of F. H. Riley | 12 39 |
| Cash held for bill of Annie F. Etter | 11 25 |
| | \$1,290,056 03 |

For details of receipts and expenditures I refer to the City Auditor's report.

Cash received from January 1, 1906 :

| | |
|---|--------------|
| Cash in treasury January 1, 1906 | \$39,816 40 |
| Cash received from Edw. W. Hayes, collector, | 26,174 86 |
| Cash received from Commissioners of Sinking Funds | 4,316 75 |
| Cash received from sale of lots in Oak Grove Cemetery and Perpetual Care of lots | 402 50 |
| Cash received from interest on deposits | 228 40 |
| Cash received from Commonwealth of Massa- chusetts | 197,075 27 |
| | <hr/> |
| | \$268,014 18 |
| Cash paid on drafts Nos. 1, 2, 3, 4 | \$27,479 81 |
| Cash in treasury Jan. 30, 1906, | 240,534 37 |
| | <hr/> |
| | \$268,014 18 |

Respectfully submitted,

P. R. LITCHFIELD,

City Treasurer.

MEDFORD, MASS., January 30, 1906.

To Parker R. Litchfield, City Treasurer:

Dear Sir,—Certificates have been received showing the amounts on deposit to the credit of the City of Medford at the opening of business on Monday, January 29, 1906, to have been as follows :

| | |
|--|-------------|
| First National Bank | \$97,000 00 |
| Fourth National Bank | 380 89 |
| Medford National Bank | 18,146 38 |
| National Bank of the Republic | 10,942 96 |
| National Bank of the Republic, Spot Pond Water Fund Account | 100,075 27 |

| | |
|---|--------------|
| National Bank of the Republic, Spot Pond | |
| Suit Expense Account | \$12,488 91 |
| | <hr/> |
| Total amount deposited | \$239,034 41 |
| By actual count I find that the amount of cash in the hands of the Treasurer this day is . | 1,059 96 |
| | <hr/> |
| Cash in the treasury January 29, 1906 . | \$240,094 37 |

The National Bank of the Republic hold coupons amounting to \$440.

Yours respectfully,

GEO. D. CUMMINGS,
City Auditor.

REPORT
OF THE
CITY COLLECTOR.

MEDFORD, MASS., January 1, 1906.

*To the Honorable Michael F. Dwyer, Mayor of the City of
Medford:*

SIR,—I respectfully submit the following report of the collections made in this department for the year ending December 31, 1905:

TAXES OF 1905.

| | | |
|--|--------------|--------------|
| Total of warrants | \$466,717 19 | |
| Reassessed | 367 01 | |
| Collected and paid Treasurer | | \$320,454 18 |
| Abated | | 5,401 36 |
| Uncollected January 1, 1906 | | 141,228 66 |
| | \$467,084 20 | \$467,084 20 |

TAXES OF 1904.

| | | |
|---|--------------|--------------|
| Uncollected January 1, 1905 | \$141,047 07 | |
| To error, poll of 1903, credited to 1904 | 2 00 | |
| Reassessed | 209 62 | |
| Collected and paid Treasurer | | \$101,854 27 |
| Abated | | 2,273 18 |
| By error, overcharge of added tax, \$608.60. (This amount should have been \$556.60 less, | | |

| | | |
|--|---------------------|---------------------|
| or \$52.00. See page 405, Col- lector's Report, 1904) . . . | | \$556 60 |
| Uncollected January 1, 1906 . . . | | 36,574 64 |
| | <u>\$141,258 69</u> | <u>\$141,258 69</u> |

TAXES OF 1903.

| | | |
|---|--------------------|--------------------|
| Uncollected January 1, 1905 . . . | \$38,127 15 | |
| Reassessed | 437 58 | |
| Street water | 2 50 | |
| Collected and paid Treasurer . . . | | \$36,142 50 |
| By interest | | 3 08 |
| By error, poll credited to 1904 tax, December 28, 1904 . . . | | 2 00 |
| Abated | | 669 44 |
| Uncollected January 1, 1906 . . . | | 1,750 21 |
| | <u>\$38,567 23</u> | <u>\$38,567 23</u> |
| Taxes, 1902, uncollected, Janu- ary 1, 1905 | \$0 91 | |
| Taxes, 1901, uncollected, Janu- ary 1, 1905 | 41 60 | |
| Taxes, 1900, uncollected, Janu- ary 1, 1905 | 1,078 40 | |
| Taxes, 1899, uncollected, Janu- ary 1, 1905 | 37 20 | |
| Taxes, 1898, uncollected, Janu- ary 1, 1905 | 28 70 | |
| Taxes, 1902, abated | | \$0 91 |
| Taxes, 1901, abated | | 41 60 |
| Taxes, 1900, abated | | 38 80 |
| Taxes, 1899, abated | | 37 20 |
| Taxes, 1898, abated | | 28 70 |
| Taxes, 1900, uncollected, Janu- ary 1, 1906 | | 1,039 60 |
| | <u>\$1,186 81</u> | <u>\$1,186 81</u> |

COLLECTED AND PAID TREASURER.

| | | |
|---------------------|--------------|--------------|
| Taxes of 1905 . . . | \$320,454 18 | |
| Taxes of 1904 . . . | 101,854 27 | |
| Taxes of 1903 . . . | 36,142 50 | |
| | <hr/> | \$458,450 95 |

TAXES ABATED DURING 1905.

| | | |
|---------------------------------|------------|--------------|
| Taxes of 1905 . . . | \$5,401 36 | |
| Taxes of 1904 . . . | 2,273 18* | |
| Taxes of 1903 . . . | 669 44 | |
| Taxes of 1902 . . . | 91 | |
| Taxes of 1901 . . . | 41 60 | |
| Taxes of 1900 . . . | 38 80 | |
| Taxes of 1899 . . . | 37 20 | |
| Taxes of 1898 . . . | 28 70 | |
| | <hr/> | 8,491 19 |
| Taxes uncollected Jan. 1, 1906, | | 180,592 09 |
| | | <hr/> |
| | | \$647,536 23 |

* \$197.40 included in Report for 1904, page 406.

STREET WATERING ASSESSMENTS.

| | | |
|-----------------------------------|------------|------------|
| Uncollected January 1, 1905 . . . | \$3,077 73 | |
| Committed September 1, 1905, | 6,758 25 | |
| Reassessed, 1903, \$8.85; 1904, | | |
| \$5.53; 1905, \$7.38 . . . | 21 76 | |
| Abated, 1903, \$8.85; 1904, | | |
| \$5.53; 1905, \$17.54 . . . | | \$31 92 |
| By taxes | | 2 50 |
| Collected account, 1903 . . . | | 620 99 |
| Collected account, 1904 . . . | | 1,767 64 |
| Collected account, 1905 . . . | | 4,553 99 |
| Uncollected January 1, 1906 . . . | | 2,880 70 |
| | <hr/> | |
| | \$9,857 74 | \$9,857 74 |

SEWER ASSESSMENTS AND APPORTIONMENTS.

| | | |
|--|------------|------------|
| Uncollected January 1, 1905 | \$1,881 43 | |
| Schedule 92 committed January 6, 1905 | 3,928 04 | |
| Schedule 93 committed June 7, 1905 | 463 39 | |
| Apportionments committed September 1, 1905 | 1,560 13 | |
| Schedule 94 committed December 2, 1905 | 820 66 | |
| Apportionments paid in advance, | 614 45 | |
| Apportioned during year | | \$1,158 38 |
| Collected and paid Treasurer | | 4,071 05 |
| Uncollected January 1, 1906 | | 4,038 67 |
| | <hr/> | |
| | \$9,268 10 | \$9,268 10 |

SIDEWALK ASSESSMENTS AND APPORTIONMENTS.

| | | |
|---|------------|------------|
| Uncollected January 1, 1905 | \$1,719 04 | |
| Apportionments committed September 1, 1905 | 194 50 | |
| Assessments apportioned | | \$115 54 |
| Assessments collected and paid Treasurer | | 1,015 44 |
| Apportionments collected and paid Treasurer | | 142 84 |
| Assessments uncollected January 1, 1906 | | 496 64 |
| Apportionments uncollected January 1, 1906 | | 143 08 |
| | <hr/> | |
| | \$1,913 54 | \$1,913 54 |

INTEREST.

| | |
|----------------------------|----------|
| On taxes of 1905 | \$211 87 |
| On taxes of 1904 | 3,500 31 |

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| | | |
|--|------------|------------|
| On taxes of 1903 | \$3,315 03 | |
| On sidewalk assessments | 16 74 | |
| On sewer assessments | 26 03 | |
| On sewer apportionments paid in advance | 43 91 | |
| Paid Treasurer | | \$7,113 89 |
| | <hr/> | <hr/> |
| | \$7,113 89 | \$7,113 89 |

COSTS AND FEES.

| | | |
|--------------------------------|------------|------------|
| On taxes of 1905 | \$152 10 | |
| On taxes of 1904 | 550 10 | |
| On taxes of 1903 | 822 95 | |
| On sewer assessments | 5 75 | |
| Paid Treasurer | | \$1,530 90 |
| | <hr/> | <hr/> |
| | \$1,530 90 | \$1,530 90 |

ACCRUED INTEREST ON SEWER APPORTIONMENTS.

| | | |
|--|----------|----------|
| Uncollected January 1, 1905 | \$162 81 | |
| Committed September 1, 1905, | 218 90 | |
| Collected and paid Treasurer | | \$171 02 |
| Uncollected January 1, 1906 | | 210 69 |
| | <hr/> | <hr/> |
| | \$381 71 | \$381 71 |

ACCRUED INTEREST ON SIDEWALK APPORTIONMENTS.

| | | |
|--|---------|---------|
| Uncollected January 1, 1905 | \$13 48 | |
| Committed September 1, 1905, | 8 48 | |
| Collected and paid Treasurer | | \$14 79 |
| Uncollected January 1, 1906 | | 7 17 |
| | <hr/> | <hr/> |
| | \$21 96 | \$21 96 |

SEWER HOUSE CONNECTIONS.

| | |
|---------------------------------------|------------|
| Uncollected January 1, 1905 | \$1,289 96 |
| Committed February 7, 1905 | 1,410 54 |

| | | |
|------------------------------------|------------|------------|
| Committed during year . . . | \$3,214 99 | |
| Collected and paid Treasurer . . . | | \$4,831 17 |
| Uncollected January 1, 1906 . . . | | 1,084 32 |
| | <hr/> | <hr/> |
| | \$5,915 49 | \$5,915 49 |

SIDEWALK APPLICATIONS.

| | | |
|------------------------------------|----------|----------|
| Uncollected January 1, 1905 . . . | \$133 83 | |
| Collected and paid Treasurer . . . | | \$102 48 |
| Uncollected January 1, 1906 . . . | | 31 35 |
| | <hr/> | <hr/> |
| | \$133 83 | \$133 83 |

MISCELLANEOUS COLLECTIONS CREDITED TO

| | |
|--|----------|
| Almshouse | \$298 19 |
| Anniversary, 275th | 4 00 |
| Basins and Drains | 4 74 |
| Brooks and Streams | 7 00 |
| Care of Cemeteries | 2,824 40 |
| Collecting Department Expenses, | 85 |
| Collection of Ashes | 18 00 |
| Collection of House Offal | 1,416 67 |
| Engineering Department Expenses, | 225 37 |
| Estates bought at Tax Sales | 204 74 |
| Fire Department | 84 87 |
| Gypsy and Brown-Tail Moths | 119 01 |
| Health Department Expenses | 12 00 |
| Highways | 4,601 02 |
| Hoyle Fund Income | 6 00 |
| Interest | 209 09 |
| Miscellaneous Account | 52 50 |
| Miscellaneous Credits | 2,046 66 |
| Mystic Valley Improvement | 129 05 |
| New Hose | 55 00 |
| Outside Relief | 1,472 27 |
| Playstead Road Extension | 75 00 |

| | | |
|----------------------------------|-------------|-------------|
| Public Commons | \$28 00 | |
| Public Library | 2,149 87 | |
| Public Schools | 172 13 | |
| Sewer Construction | 1,026 48 | |
| Sidewalks and Edgestones | 22 78 | |
| Soldiers' Relief | 304 00 | |
| Special Police | 155 00 | |
| Spot Pond Suit Expense | 209 53 | |
| Street Lights | 608 50 | |
| Water Construction | 1,567 66 | |
| Watering Streets | 75 00 | |
| Water Maintenance | 67,502 97 | |
| Paid Treasurer | | \$87,688 35 |
| | <hr/> | <hr/> |
| | \$87,688 35 | \$87,688 35 |

TOTAL COLLECTIONS.

| | |
|--|--------------|
| Taxes | \$458,452 95 |
| Street watering assessments | 6,942 62 |
| Sewer apportionments | 1,443 53 |
| Sewer apportionments paid in advance | 614 45 |
| Sewer assessments | 2,013 07 |
| Sidewalk apportionments | 1,142 84 |
| Sidewalk assessments | 1,015 44 |
| Interest on taxes | 7,030 29 |
| Interest on sewer assessments | 26 03 |
| Interest on sewer apportionments paid in advance | 43 91 |
| Interest on sidewalk assessments, | 16 74 |
| Costs and fees | 1,530 90 |
| Accrued interest on sewer apportionments | 171 02 |
| Accrued interest on sidewalk apportionments | 14 79 |

| | |
|-------------------------------------|------------|
| Sewer house connections | \$4,831 17 |
| Miscellaneous collections | 87,688 35 |

| | |
|---|--------------|
| Total amount collected from January 1, 1905, to January 1, 1906 | \$571,978 10 |
|---|--------------|

UNCOLLECTED.

| | |
|--|--------------|
| Taxes | \$180,592 09 |
| Street watering assessments | 2,883 20 |
| Sewer assessments and appor- tionments | 4,038 67 |
| Sidewalk assessments and appor- tionments | 639 72 |
| Accrued interest on sewer appor- tionments | 4,038 67 |
| Accrued interest on sidewalk ap- portionments | 7 17 |
| Sewer house connections | 1,084 32 |
| Sidewalk applications | 31 35 |
| Alms-house | 50 21 |
| Engineering Department expenses, | 40 47 |
| Fire Department | 32 80 |
| Gypsy and brown-tail moths | 32 98 |
| Highways | 1,168 36 |
| Miscellaneous credits | 448 88 |
| Outside relief | 253 33 |
| Sewer construction | 59 26 |
| Sewer maintenance | 1 13 |
| Sidewalks and edgestones | 184 70 |
| Spot Pond suit expenses | 209 53 |
| Telephone, City Hall | 45 |
| Watering streets | 2 97 |
| | <hr/> |
| | \$191,972 28 |

Under Chapter 13 of the Revised Laws, as amended by

Chapter 443 of the Acts of 1902, there has been received for the redemption of tax titles during the year 1905 :

| | | |
|--|------------|------------|
| | \$1,441 96 | |
| Unsettled January 1, 1905 | 25 20 | |
| Paid to parties holding titles | | \$1,180 35 |
| Paid city | | 26 00 |
| Unsettled January 1, 1906 | | 260 81 |
| | <hr/> | <hr/> |
| | \$1,467 16 | \$1,467 16 |

Bills in favor of the following departments, and included in the above, are considered utterly worthless and were so reported last year, namely :

| | | |
|--|---------|----------|
| Almshouse and Outside Relief | \$71 21 | |
| Fire Department | 28 00 | |
| Highways | 21 98 | |
| Miscellaneous Credits | 448 88 | |
| Sewer Construction | 50 90 | |
| Sidewalks and Edgestones | 164 21 | |
| Watering Streets | 2 97 | |
| | <hr/> | \$788 15 |

Respectfully submitted,

EDWARD W. HAYES,
City Collector.

REPORT
OF THE
BOARD OF HEALTH.

MEDFORD, MASS., December 31, 1905.

To His Honor the Mayor:

The Board of Health submits the following report for the year ending December 31, 1905 :

The Board organized with Dr. Mills as chairman.

The general health of the city has been better than the average, the cases of contagious diseases being in 1904, 288, and in 1905, only 157.

The number of deaths exceed those of 1904 by twenty-four.

Twenty meetings have been held.

Seventy-three pedlars have been licensed.

One hundred and eighty permits have been issued for school and for the keeping of cows, etc.

Ninety-six houses have been fumigated.

One hundred and twenty-five houses have been quarantined and the Superintendent of schools, the Public Library and the State Board of Health have been duly notified.

Diphtheria, scarlet fever and measles have not been prevalent to any great extent. There have been fifty-five cases of diphtheria with two deaths, forty-one cases of scarlet fever with one death and twenty-nine cases of measles, no deaths.

The same arrangement for procuring diphtheria cultures and antitoxine is now in force as in past years.

The Board, after mature deliberation, have decided to re-

quest as last year, that in addition to the regular appropriation the amount of \$500 be appropriated for the purpose of carrying out the work in compliance with the Acts of 1902, section 213, an act relative to compensating cities and towns for caring for persons infected with small-pox or any other disease dangerous to the public health.

On October 30, 1905, our Health Inspector, in making his rounds, discovered that the small-pox hospital on Elm street had been broken into and furniture, stores, crockery ware, bedding and linen, everything movable, carried away. The matter was reported to the police, but no trace of the culprits was obtained. The estimated loss was about \$250. The small-pox hospital being in a dilapidated condition, the Board appointed the chairman and Mr. W. P. Clark as a committee to put it in repair, the expense to be met by balance of insurance money. A contract was made with Mr. N. B. Cunningham, of West Medford, to make the repairs, which were completed to the satisfaction of the Board December 22, 1905.

For the expenses of the Board for the ensuing year we recommend that the sum of \$3,000 be appropriated as follows:

| | |
|--|-------------------|
| Salary of members | \$200 00 |
| Salary of Inspector of Plumbing | 1,000 00 |
| Salary of Inspector of Health | 150 00 |
| Health Department, including Secretary, Clerk and plumbing division expenses | 1,150 00 |
| Estimated expense for use in compliance with the Acts of 1902, section 213, an act relative to compensating cities and towns for caring for persons infected with small-pox or other diseases dangerous to the public health | 500 00 |
| Total | \$3,000 00 |

DEATHS, 1905.

| DISEASE. | Jan. | Feb. | March. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Total. |
|--|------|------|--------|--------|------|-------|-------|------|-------|------|------|------|--------|
| Arterio Sclerosis | 4 | 1 | | 1 | | | 1 | | | | | 1 | 8 |
| Apoplexy | 3 | | 2 | 1 | | 1 | 1 | | 1 | | | 1 | 9 |
| Atelectasis | | | 1 | | | | 1 | | | | | | 3 |
| Asthma | | | | | | 1 | | | | | 1 | | 1 |
| Accidental Drowning | | | | | | | 1 | | | | | | 1 |
| Addison's Disease | | | | | | | 1 | | | | | | 1 |
| Accident, Railroad | | | | | | | 1 | | | | | | 1 |
| Bronchitis | 2 | | 1 | 1 | 1 | | 1 | | | 1 | | | 7 |
| Burn, Shock | | | | | 1 | | | | | | | | 1 |
| Cerebral Thrombosis | 1 | | | | | | | | | | | | 1 |
| Cancer | 1 | 2 | 2 | 3 | 2 | 1 | 3 | 2 | 1 | 4 | 2 | 2 | 25 |
| Cirrhosis of Liver | | 1 | | | | | | | | | | | 1 |
| Convulsions, Infantile, | | | 1 | | | 1 | | | | | | | 2 |
| Cholera Infantum | | | | | | | | 1 | | | | | 1 |
| Cerebro Spinal Meningitis | | | | | | | | | 1 | | | | 1 |
| Diabetes | 2 | | | | | | 1 | | | | | | 4 |
| Diphtheria | | | | | 1 | | 1 | | | | | | 2 |
| Degeneration of Spinal cord | | | | | | | | 1 | | | | | 1 |
| Debility caused by Eczema | | | | | | | | | | | | | 1 |
| Debility Congenital | | | | | | | | | | | 1 | | 1 |
| Enterocolitis | 1 | | | | | | | | | | | 1 | 1 |
| Enlarged Prostate | | | | | | | | | | | 1 | | 1 |
| Endocarditis | | | | | 1 | | | | | | 1 | | 2 |
| Fracture of Hip | | | 1 | | | | | | | | | | 1 |
| Gastritis | 2 | | | | | | | | | | | | 2 |
| Gangrene of Right Leg, | | | | | | | | | | | | 1 | 1 |
| Gastro Enteritis | | | | | 1 | | | 2 | 1 | | | | 4 |
| Hernia, Strangulated Umbilical | | | | | | | | | | | | | 1 |
| Heart Disease | 1 | 1 | 1 | 5 | 2 | 1 | 2 | 3 | 1 | 3 | 3 | 1 | 24 |
| Hemorrhage | 2 | | | 2 | 1 | 3 | | | 1 | | 2 | 1 | 12 |
| Hydrocephalus | 1 | | | | | | | | | | | | 1 |
| Hemiplegia | | 1 | | | | | | | | | | | 1 |
| Intestinal Obstruction, | | 1 | | | | | | | | | | | 1 |
| Inanition | | | | | | | | 1 | | | | | 1 |
| La Grippe | | | 1 | | 1 | | | | | | | | 2 |
| Myelitis Chron | | | | | | | | | 1 | | | | 1 |
| Meningitis | | 2 | 1 | 1 | 1 | | 2 | | | 1 | | 2 | 10 |
| Malformation Organic, | | | | | | | 1 | | | | | 2 | 1 |
| Malnutrition | | | | | | | 1 | | | | | | 1 |
| Nephritis | 1 | 1 | | 6 | 3 | 1 | 1 | 2 | 3 | 2 | | | 20 |
| Oedema of Lungs | | | | | | | | | | | | 1 | 1 |
| Old Age | 1 | | | | | | 3 | | | | | | 6 |
| Phthisis | 2 | 2 | | | 1 | 1 | | 1 | 1 | | 1 | | 8 |
| Pneumonia | 5 | 3 | 2 | 2 | 3 | | 1 | 2 | 1 | 3 | 5 | 6 | 33 |
| Paralysis General | 1 | | | | | 1 | | | | | | 2 | 6 |
| Peritonitis | | | 1 | | | | | 1 | | 1 | | | 6 |

| DISEASE. | Jan. | Feb. | March | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Total. |
|---|------|------|-------|--------|------|-------|-------|------|-------|------|------|------|--------|
| Premature Birth | | | 1 | 5 | | 2 | 1 | 2 | 1 | 2 | 1 | | 15 |
| Pericarditis | | | 1 | | | | 1 | | | | | | 1 |
| Paraplegia | | | | | | 1 | | | | | | | 1 |
| Rheumatism | | | | | | 1 | | | | | | | 1 |
| Suicide, Carbolic Acid, Senility | 1 | 1 | | | | 1 | 1 | 1 | 1 | 2 | 1 | | 8 |
| Stillborn | 1 | 1 | 2 | 1 | 1 | 1 | | | | | 3 | 1 | 11 |
| Senile Dementia | | | 1 | 1 | | | | 1 | | | | | 3 |
| Scarlet Fever | | | | | | 2 | | | | | | | 2 |
| Sclerosis Disseminated, Tuberculosis | 1 | 2 | 1 | 3 | 1 | 1 | | | 2 | 1 | | | 11 |
| Typhoid Fever | | | | | | | 1 | 1 | 1 | | | | 3 |
| Tumor, Abdominal | | | | | | 1 | | | | | | 1 | 1 |
| Uraemic Poisoning | | | | | | 1 | | | | | | | 1 |
| Ulcer of Stomach | | | | | | | | | | 1 | | | 1 |
| | 33 | 19 | 20 | 32 | 21 | 23 | 21 | 23 | 19 | 21 | 23 | 21 | 277 |

1905, DEATHS BY AGES.

| AGE. | Total. | Males. | Females. |
|-------------------------|--------|--------|----------|
| Under 1 year | 50 | 37 | 13 |
| 1 to 2 years | 2 | 2 | |
| 2 " 3 " | 2 | | 2 |
| 3 " 4 " | 2 | | 2 |
| 4 " 5 " | 1 | 1 | |
| 5 " 10 " | 3 | 3 | |
| 10 " 15 " | 4 | 1 | 3 |
| 15 " 20 " | 4 | 1 | 3 |
| 20 " 30 " | 13 | 7 | 6 |
| 30 " 40 " | 16 | 8 | 13 |
| 40 " 50 " | 19 | 7 | 12 |
| 50 " 60 " | 27 | 5 | 22 |
| 60 " 70 " | 49 | 19 | 30 |
| 70 " 80 " | 40 | 15 | 25 |
| Over 80 years | 33 | 13 | 20 |
| Ages unknown | 1 | | 1 |
| Total | 266 | 114 | 152 |

REPORT OF THE INSPECTOR OF HEALTH.

MEDFORD, MASS., December 31, 1905.

To the Board of Health, Medford, Mass.:

Gentlemen,—As Inspector of Health I herewith submit my annual report for the year ending December 31, 1905.

Fifty-six complaints have been referred to me for investigation, necessitating an average of three inspections to each complaint.

The following is the nature of the nuisances reported:

| | |
|--|-----------|
| Cesspools filled and overflowing | 14 |
| Vaults filled and overflowing | 17 |
| Cow barns | 4 |
| Defective plumbing | 3 |
| Filthy premises | 6 |
| Keeping of hens | 1 |
| Keeping of pigs | 4 |
| Stagnant water | 5 |
| Sewerage in surface drains | 2 |
| Total | <u>56</u> |

Respectfully submitted,

CHAS. A. PHILLIPS,

Inspector of Health.

REPORT OF THE INSPECTOR OF PLUMBING.

MEDFORD, MASS., December 31, 1905.

To the Board of Health, Medford, Mass.:

Gentlemen,—As Inspector of Plumbing I herewith submit the annual report for the year ending December 31, 1905.

| | |
|--|------------|
| Permits issued for plumbing in new buildings | 53 |
| Permits issued for plumbing in old buildings | 161 |
| Total | <u>214</u> |

| | |
|--|-----|
| Number of permits cancelled | 3 |
| Number of buildings where work was performed sub- ject to inspection | 209 |
| Number of buildings where work was subjected to water test | 149 |
| Number of buildings where it was impracticable to make a test or where the work performed did not require it | 64 |
| Number of buildings to receive final inspection | 6 |
| Number of buildings to receive test when ready | 1 |
| Number of buildings where the plumbing was con- nected with the sewer during the year | 139 |
| Number of buildings previously completed and con- nected with the sewer during the year | 5 |
| Number of buildings connected with cesspools | 1 |
| Number of buildings carried over from previous years and completed during the year | 13 |
| Number of inspections made during the year | 740 |

Respectfully submitted,

CHAS. A. PHILLIPS,
Inspector of Plumbing.

REPORT OF THE BOARD OF EXAMINERS FOR PLUMBERS' LICENSES FOR THE YEAR 1905.

MEDFORD, MASS., January 5, 1906.

The whole number of applications for examinations received during the year is eight (8), two (2) for master plumber's and six (6) for journeyman plumber's licenses. Both of the applicants for master plumber's licenses passed a very satisfactory examination and it was unanimously voted to recommend the Board of Health to grant the licenses. Five (5) of the applicants for journeyman plumber's licenses also passed satisfactory examinations and the Board of Health were recommended to grant them licenses.

The examination of the sixth applicant was far from being satisfactory and he was advised to continue to work under instruction for the present.

Respectfully submitted,

CALVIN H. CLARK,

Chairman Board of Examiners for Plumbers' Licenses.

Financial statement for the year ending December 31st, 1905.

RECEIPTS.

| | | |
|--|------------|------------|
| Appropriation, Inspector of Plumbing | \$1,000 00 | |
| Appropriation, Inspector of Health, | 150 00 | |
| Overseers of Poor, use of telephone, | 12 00 | |
| Dec. 19th, transfer from any unexpended balance for unpaid bills | 101 85 | |
| Reimbursement from State, account of Acts of 1902, section 213 | 25 00 | |
| Appropriation from miscellaneous credits, August 10, for account Acts of 1902, section 213 | 455 85 | |
| Appropriation, general expenses, Board of Health | 1,000 00 | |
| Appropriation, salary of members, Board of Health | 200 00 | |
| | | \$2,944 70 |

EXPENDITURES.

| | |
|--|------------|
| Salary of Inspector of Plumbing | \$1,000 00 |
| Salary of Inspector of Health | 150 00 |
| General expenses of Health Department | 1,121 20 |
| Expense account, contagious cases, Acts of 1902, section 213 | 467 05 |

| | | |
|----------------------------------|----------|------------|
| Paid salary of members | \$200 00 | |
| | <hr/> | \$2,938 25 |
| Balance | | 6 45 |
| | | <hr/> |
| | | \$2,944 70 |

PEST HOUSE, ELM STREET.

| | |
|---|----------|
| Credit balance account, insurance | \$580 89 |
|---|----------|

EXPENDED.

| | |
|-------------------|---------|
| Repairs | 527 75 |
| | <hr/> |
| Balance | \$53 14 |

Respectfully submitted,

GEORGE WESTGATE MILLS, M. D.,

FRED'K R. ILSLEY, M. D.,

WILLIAM P. CLARK,

J. WALTER BEAN, M. D.,

Board of Health of Medford, Mass.

REPORT OF THE CITY ENGINEER.

MEDFORD, MASS., February 1, 1906.

To His Honor, Michael F. Dwyer, Mayor:

DEAR SIR,—I have the honor to submit to you the twelfth annual report of the Civil Engineering Department of the City of Medford for the year ending December 31, 1905.

ORGANIZATION.

The names of assistants in the employment of this department on January 1, 1906, will be found in Appendix A.

FINANCIAL STATEMENT.

| | | |
|---|----------|------------|
| Appropriation | | \$1,800 00 |
| Credits: | | |
| Medford Park Department | \$167 07 | |
| Medford Assessing Department | 45 00 | |
| Medford Water and Sewerage Board, | 3 60 | |
| Medford Highway Department | 4 65 | |
| Playstead Road Extension | 4 45 | |
| Bow Street | 15 | |
| Gypsy and Brown-Tail Moth Extermination | 45 | |
| | 225 37 | |
| | | \$2,025 37 |
| Expended: | | |
| Pay-roll, on account of office, \$992 92 | | |
| Medford Assessing Department | 136 06 | |

| | | |
|--|----------|------------|
| Medford Cemetery Department | \$20 00 | |
| Medford City Map | 222 00 | |
| Medford Public Park | 158 93 | |
| Medford Public Property, | 3 00 | |
| Medford Solicitor | 52 58 | |
| Gas poisoning | 2 20 | |
| James School (new) | 59 76 | |
| | <hr/> | \$1,647 45 |
| Bills as follows : | | |
| Office expenses | \$111 86 | |
| Office equipment | 79 34 | |
| Draughting materials | 49 54 | |
| Stakes and surveying materials | 27 12 | |
| Photographic supplies | 2 55 | |
| Miscellaneous | 13 50 | |
| | <hr/> | 283 91 |
| | | <hr/> |
| | | \$1,931 36 |
| Balance | | \$94 01 |

SURFACE WATER DRAINS.

The construction of a surface water drain (known as the Century Brook drain) from near Playstead road across private land to Woburn and Mystic streets has been completed and such catch basins as required have been constructed on the various streets adjacent.

A surface water drain with catch basins has been constructed on Tainter street between Park street and Paris street.

SEWER CONSTRUCTION.

One thousand seven hundred thirty-five and three-tenths (1,735.3) feet of sanitary sewers were constructed during the year; all the work has been done by the direct employment of labor.

The following table shows the total lengths of sewers on January 1, 1906, also the sizes and lengths :

| | | |
|-------------------------------|-----------|-------|
| 5-inch vitrified pipe sewer . | 97.0 | feet. |
| 6 " " " " . | 14,104.0 | " |
| 8 " " " " . | 194,207.3 | " |
| 10 " " " " . | 18,599.1 | " |
| 12 " " " " . | 12,079.0 | " |
| 15 " " " " . | 7,912.0 | " |
| 18 " " " " . | 6,422.0 | " |
| 20 " " " " . | 4,181.0 | " |
| | 257,601.4 | feet, |

or 48.79 miles.

In Appendix C will be found a schedule showing a list of streets on which sewers have been constructed during the year, together with their lengths, size and various items.

SEWER ASSESSMENTS.

Plans, computations and bills for assessment of abutters for the construction of sewers have been prepared and referred to the Commissioners of Sewers. Plans showing the construction of sewers and such other data, together with the location of all house connections have been prepared and placed on file.

SEWERAGE SYSTEM MAP.

A wall map 400 feet to the inch has been prepared showing the sewerage system of the entire city, together with the sizes, direction of flow and connections with the Metropolitan sewer.

HIGHWAYS.

The contract with the Warren Bros. Co. for the laying of bitulithic pavement has been completed. Total number of square yards laid is seven thousand four hundred forty-nine (7,449), of which three thousand nine hundred ninety-three and six-tenths (3,993.6) square yards were laid in 1904.

PLAYSTEAD ROAD.

That portion of Playstead road between Woburn street and Winthrop street has been widened to sixty (60) feet, with six (6) foot walks and four (4) foot grass plots on both sides. A retaining wall has been built of stone laid in cement on the west side of the road next to the cemetery lot, so as to preserve the beauty of the bank and prevent it from wash. The Whitmore Brook culvert at Winthrop street has been extended to the line of new widening.

A bridge culvert has been built over Whitmore Brook on Playstead road for the convenience of travel.

STREETS ACCEPTED.

The following streets have been accepted as public ways :

| Street. | From | To | Length | Width | Date of Acceptance. |
|-------------|------------|------------|--------|-------|---------------------|
| Touro av. | South st. | Summer st. | 668 | 40 | Oct. 25, 1905 |
| Lambert st. | Cherry st. | Salem st. | 960 | 40 | Dec. 7, 1905 |

BRIDGES.

I. Bridges supported wholly by Medford.

Auburn Street Bridge is a wooden structure which is rapidly decaying. Arrangements have been made by the City of Medford with the Metropolitan Park Commission for the construction of a bridge which will serve the purpose of both the present Auburn street bridge and the Parkway bridge as originally planned. Owing to the new location for the bridge, it will be necessary to relocate a portion of Auburn street.

Winthrop Street Bridge, over the Mystic River, is a wooden structure on piles with abutments of Medford granite laid without mortar. This bridge is rapidly decaying and steps should be taken to construct a new bridge at this point.

Cradock Bridge is a two span arch bridge crossing the Mystic River, built in 1880, and is in excellent condition.

II. Bridges supported partly by Medford.

Weir Bridge, on High Street, between Medford and Arlington, was built jointly by the City of Medford and the Town of Arlington in 1893. It consists of brick arches built between steel I beams, with granite masonry abutments, and is in excellent condition.

Canal Bridge, on Boston Avenue, is an elliptical stone arch bridge, built jointly by the cities of Medford and Somerville in 1900, and is in excellent condition.

Middlesex Avenue Bridge, completed in 1904, is a wooden structure built on oak piles. The bridge is seventy feet wide and has a draw at its centre which provides for a clear channel fifty feet in width.

III. Bridges not maintained by Medford.

Fellsway, over B. & M. R. R., Medford Branch.

Park Street Bridge, over B. & M. R. R., Medford Branch.

Cross Street Bridge, over B. & M. R. R., Medford Branch.

College Avenue Bridge, over B. & M. R. R., Southern Division.

Winthrop Street Bridge, over B. & M. R. R., Southern Division.

North Street Bridge, over B. & M. R. R., Southern Division.

Grove Street Bridge, over B. & M. R. R., Southern Division.

Harvard Avenue Bridge, over Mystic River.

Jerome Street Bridge, over Mystic River.

FOOT BRIDGE.

A right of way over the Grand Army lot was granted to the city by General Samuel C. Lawrence during 1901, together with the permission to construct an approach to the Metropolitan pipe bridge for the convenience of foot travel over the pipe bridge constructed by the Metropolitan Water Board.

WATER WORKS.

All new mains, gates, hydrants and specials have been located during the year and plotted upon record plans forty feet to the inch, showing the street, size of pipe and the location by ties and offsets, all mains, gate valves, hydrants and specials throughout the city.

MAP OF WATER SYSTEM.

A white print map 400 feet to the inch, mounted on cloth, has been prepared for the Water Department, showing the various sizes and lengths of all iron and cement lined water pipes in the city, together with the gates and blow-offs, also the locations of all connections with the Metropolitan Water System.

GATE LOCATION BOOKS.

Two books with sketches showing the location of gates, with adjacent objects and ties of the entire city, have been prepared. One book covers the location of gates on the southerly side, and the other covers the location of gates on the northerly side of the Mystic River. These books are of great value to the Water Department in locating gates.

ASSESSORS' PLANS.

All plans relating to Medford property recorded at the Registry of Deeds at East Cambridge have been copied, and such changes and additions as found were examined and placed on the several section maps and assessors' plans.

STREET NUMBERING.

All the plans have been gone over and new buildings entered. Plans have been made of new streets and numbers assigned from time to time to the various buildings at the request of owners.

STREET WATERING.

The usual measurements of frontages have been made, amounting to 269,924 feet or 29.97 miles of streets. The rate is $2\frac{1}{2}$ cents per foot.

SIDEWALKS AND EDGESTONES.

Lines and grades have been given for sidewalks and edgestones when required.

The following shows the amount of work done under this head during the year :

| | | |
|-----------------------|--------------------|----------------|
| | <i>Sidewalks.</i> | |
| Brick | | 578.0 sq. yds. |
| Granolithic | | 390.4 sq. yds. |
| | <i>Edgestones.</i> | |
| Straight | | 862.2 feet |
| Circle | | 66.4 feet |

PUBLIC PROPERTY.

Plans for the James Schoolhouse lot and lines and grades for the new James School were given when requested.

MYSTIC VALLEY IMPROVEMENT.

The park line from Foster court easterly to Fellsway on the northerly side of the Mystic River, and from the city yard easterly to the Somerville line on the southerly side of the Mystic River has been restaked with red cedar stakes three feet long. These stakes will hold the line until such times as construction is commenced and proper foundations upon which to set stone monuments are built.

OFFICE.

The indexing of plans, survey and level notes, calculations and construction records has been continued so that now there are 27,000 typewritten cards. Owing to the amount of indexing done during the year it was necessary to purchase a forty-two tray cabinet, the old cabinet being taken as part payment.

Lines and grades for streets and sidewalks have been given upon application.

Plans, estimates and sketches have been given to the various departments when requested.

Committee meetings of the Board of Aldermen have been

attended when requested and such information as required given.

In Appendix E will be found a general inventory of the office property.

CITY MAP.

The city map consists in part of 24 sheets of 60-inch wide mounted leonine paper of varying lengths, upon which is plotted on a scale of 40 feet to the inch the entire city, excepting that portion lying northerly from a line between Oak Grove Cemetery and the southerly line of Murray street. One of these maps upon which is plotted the central portion of the city is being replaced by a new map of the same size and material. In addition to the above there are two maps of mounted leonine paper covering the entire city on a scale of 200 feet to the inch; also one map 400 feet to the inch, covering the entire city and mounted as above.

CEMETERY BROOK DRAIN.

Lines and grades have been given for the construction of cemetery brook drain in Oak Grove Cemetery.

LEGAL DEPARTMENT.

Plans and information have been furnished to the City Solicitor for the hearing on the Middlesex avenue bridge apportionment.

LABORATORY.

The laboratory is well equipped for tests of cement, brick and other construction materials.

ACKNOWLEDGEMENT.

I wish to thank your Honor, the members of the city government and the various department officials with whom I have come in contact for the courtesy which has been extended to me during the year; also my assistants, who have striven to perform their field and office duties faithfully.

Respectfully submitted,

EDWARD P. BYRNE,
City Engineer.

Appendix A.

ORGANIZATION OF CIVIL ENGINEERING DEPARTMENT.

Names of all persons connected with this office on January 1, 1906 :

CITY ENGINEER.

Edward P. Byrne.

ASSISTANTS.

Henry A. Peakes.

Nathan H. Wait.

Frederick E. Samson.

Appendix B.

Statistics concerning the City of Medford, Mass., January 1, 1906 :

A town, September 28, 1630.

City Charter accepted October 6, 1892.

Situated about four and one-half miles northwest of State House on both sides of Mystic River, in latitude 42° , $25'$, $6.7''$, and longitude 71° , $06'$, $35.5''$.

| | |
|--|-----------------|
| Extent of city north and south | 3.96 miles |
| Extent of city east and west | 4.02 miles |
| Area of city, exclusive of river | 5,352 acres |
| or | 8.362 sq. miles |
| Area included in Middlesex Fells Reservation, | 1,057 acres |
| City's holdings in Middlesex Fells Reservation, | 145 acres |
| City's holdings in Brooks Playstead | 9.15 acres |
| City's holdings in eight small parks and commons | 491,266 sq. ft. |
| City's holdings in Mystic River Reservation, | 207.3 acres |
| State's holdings in Mystic River Reservation, | 59.0 acres |

POPULATION.

June.

| | 1890. | 1895. | 1900. | 1905. |
|--|--------|--------|--------|--------------|
| | 11,079 | 14,474 | 18,244 | 19,686 |
| Number of polls May 1, 1905 | | | | 5,695 |
| Number of dwelling houses assessed May 1, 1905, | | | | 3,651 |
| Assessed valuation May 1, 1905, personal . | | | | \$2,846,600 |
| Assessed valuation May 1, 1905, real estate, | | | | \$18,393,550 |
| Total assessed valuation May 1, 1905 . . | | | | \$21,240,150 |
| Miles of accepted streets | | | | 51.786 |
| Miles of private streets (about) | | | | 27 |
| Miles of streets in control of Metropolitan Park Commission | | | | 2.756 |
| Miles of Metropolitan Parkway | | | | 3.952 |
| Square yards bitulithic pavement | | | | 7,449 |
| Square yards granite block paving | | | | 2,460 |
| Square yards brick pavement on six-inch concrete base | | | | 267 |
| Miles of domestic sewers | | | | 48.79 |
| Number of connections with Metropolitan sewers: | | | | |
| Regulators | | | | 15 |
| Without regulators | | | | 3 |
| House connections | | | | 4 |
| Miles of Metropolitan water pipe | | | | 12.3 |
| Miles of Metropolitan sewers | | | | 5.02 |
| Pressure on city mains at Medford square, low service | | | | 61 lbs. |
| Pressure on city mains at Medford square, high service | | | | 107 lbs. |
| Miles of street having single track street railway | | | | 1.29 |
| Miles of street having double track street railway | | | | 6.08 |
| Miles of steam railway | | | | 6.09 |
| Number of stations on above | | | | 8 |

Appendix C.

SCHEDULE OF SEWERS BUILT IN 1905.

| LOCATION. | From | To | Length, 8-inch. | Number of Manholes. | Inlets. | SUB-DRAIN. | | Character of Soil. |
|-----------------------|-----------------|-----------------|--------------------|------------------------|---------|------------|---------|--------------------------------------|
| | | | | | | Size. | Length. | |
| North Street | Station 5+74.3 | Station 7+56.87 | 182.56 | 1 | 12 | | | Gravel |
| Irving Street | Warren Street | Station 8+16.17 | 316.17* | 2 | 13 | 5 | 316.0 | Sand |
| Douglas Road | Summer Street | Station 8+45.73 | 845.73 | 5 | 70 | 4 | 142.8 | Loam and clay |
| Pleasant Street Court | Pleasant Street | Station 1+27.32 | 127.32 | 1 | 9 | | | Sand and gravel |
| Malvern Terrace | Hancock Street | Station 1+23.62 | 123.62 | 1 | 8 | | | Sand and clay |
| Vernon Street | Allston Street | Station 1+39.91 | 139.91 | 1 | 5 | | | Gravel, rotten ledge and boulders |

* 12 feet cast iron pipe.

Appendix D.

MEDFORD SEWERAGE SYSTEM. MAXIMUM FLOW IN GALLONS PER DAY.

| Section. | Mar., 1898. | Sept., 1899. | Dec., 1900. | July, 1901. | Dec., 1901. | Dec., 1902. | Mar., 1903. | July, 1903. | Mar., 1904. | Apr., 1905. |
|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1 | 25,600 | 9,300 | 73,000 | 16,000 | 16,000 | 16,000 | 37,300 | 22,400 | 54,000 | 54,000 |
| 2 | 40,300 | 17,500 | 49,000 | 24,200 | 40,000 | 58,500 | 69,000 | 40,000 | 100,000 | 58,500 |
| 3 ⁴ | | | 2,200 | 2,300 | 2,500 | 2,500 | 8,300 | 4,150 | 5,100 | 10,100 |
| 4 | 1,300 | 1,300 | 1,350 | 2,700 | 3,000 | 10,400 | 15,100 | | 16,200 | 12,000 |
| 4 ⁴ | | | | | | 3,000 | 5,000 | | 5,000 | 6,000 |
| 5 | 706,000 | 255,000 | 393,000 | 276,000 | 394,000 | 422,600 | 501,500 | 300,000 | 706,900 | 465,000 |
| 5 ⁴ | | | | | | 13,000 | 3,400 | 2,700 | 6,200 | 8,400 |
| 6 | 106,000 | 81,500 | 160,000 | 106,200 | 170,000 | 66,700 | 141,400 | 106,200 | 230,000 | 180,400 |
| 7 | 175,500 | 123,900 | 135,000 | 136,500 | 277,300* | 203,000 | 262,000 | 189,500 | 292,800 | 277,300 |
| 8 | 78,000 | 29,000 | 38,900 | 60,200 | 66,200 | 44,000 | 84,200 | 60,200 | 123,800 | 84,200 |
| 9 | 33,900 | 12,000 | 24,400 | 12,000 | 24,500 | 20,000 | 33,900 | 24,500 | 60,200 | 49,200 |
| 10 | | | | | | | | | 8,400 | 8,000 |
| 11 | 181,000 | 66,600 | 160,000 | 101,400 | 192,800 | 110,600 | 203,600 | 101,400 | 295,600 | 250,000 |
| 12 | 110,700 | 37,200 | 101,200 | 44,000 | 83,300 | 44,000 | 59,100 | 44,000 | 101,400 | 83,300 |
| 13 | 34,900 | 7,600 | 50,000 | 38,900 | 83,400 | 66,800 | 83,400 | | 220,000 | 181,300 |
| 14 | 486,000 | 230,000 | 363,000 | 248,600 | 497,600* | 484,700 | 354,800 | 350,800 | 397,500 | 426,000 |
| 15 | 33,900 | 16,000 | 49,300 | 33,800 | 137,500 | 110,000 | 60,200 | 60,200 | 110,000 | 222,300 |
| 16 | 504,000 | 658,000 | 1,028,000 | 630,600 | 1,079,200* | 1,270,500 | 735,500 | 507,300 | 988,800 | 358,700† |
| 17 | 415,000 | 325,000 | 498,000 | 466,400 | 508,000 | 741,300 | 568,700 | | 899,600 | 724,000 |
| Totals | 2,992,100 | 1,869,900 | 3,126,350 | 2,199,800 | 3,575,300 | 3,687,600 | 3,226,400 | 1,813,350 | 4,621,500 | 4,124,900 |

* Flushing at same time. † The maximum rate from Tannery Line, Section 15, was 358,700 gallons per day.

Appendix E.

Inventory of property belonging to the department:

- Four thousand three hundred plans and profiles.
- Twenty-seven section maps.
- Seventy-eight survey and level books.
- Ninety inspector's note books.
- Three transits and tripods.
- One Wye level and tripod.
- Two self-reading rods.
- Four target rods.
- One sight rod.
- Three thousand five hundred stakes.
- Two pairs of rubber boots.
- Miscellaneous surveying tools.
- One Orient bicycle.
- One Iver Johnson bicycle.
- Four one hundred foot tapes.
- Blue-print equipment.
- Six drawing tables.
- One drawing table with electrical attachment.
- Ten drawing stools.
- Three tables and two chairs.
- Two roll-top desks.
- One bookcase.
- Eight plan cases.
- One forty-two tray index case and cards.
- Two note-book cases.
- Cement testing equipment.
- One work bench and miscellaneous tools.
- One set (99) metallic curves.
- One sectional plan case.
- One V F cabinet with base.
- Eight Macey book sections.
- Miscellaneous drawing instruments and materials.

Telephone system.
Electric light fixtures.
Jupiter pencil sharpener.
One case for field instruments.
One Remington typewriter.
Photographic equipment.
One pantograph.

REPORT
OF THE
WATER AND SEWER COMMIS-
SIONERS.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

DEAR SIR,—The Board of Water and Sewer Commissioners herewith submit their second annual report covering the year 1905. During the past year the entire personnel of the Board has been changed, and Frederick W. Gow, for thirteen years in charge of the water works, has been succeeded by Orville J. Whitney as superintendent. Charles W. Enright was appointed to succeed Frank E. Chandler, whose term of office expired on the first Monday in March, 1905. On March 15th Mr. Enright assumed his duties and Mr. Leavens was chosen chairman at a meeting of the Board on that date. On April 25th William Leavens resigned from the Board and on the same day Fredd H. Thomas was removed by the Mayor. These two vacancies were filled on November 28, 1905, by the appointment of John F. Libby for the term ending the first Monday in March, 1907, and Frank G. Grady for the term ending the first Monday in March, 1906.

At the first meeting of the entire Board on December 2d, John F. Libby was elected chairman. It is apparent from the foregoing statements that but little of the work during the past year has come under the personal supervision of the Board as at present constituted. For such details we most respectfully refer you to the detailed statements made

to us in the report of the Superintendent and the Water Registrar, and it is not our intention to duplicate what is found there.

SPOT POND LITIGATION.

The hearings relative to the taking by the State of our principal source of supply in Spot Pond were concluded during the early part of 1905; and the record of the case shows that arguments were submitted in May, 1905, and Josiah H. Benton, Jr., Everett C. Bumpus, James A. Stiles, auditors appointed by the Court to hear the case, on June 19th filed their report with the Court. In this report they found Medford to be entitled to the following damages:

| | |
|---|--------------|
| Medford's share for the taking of January 1, 1898 | \$276,880 00 |
| For damage to remaining property and land, caused by above taking | 33,225 00 |
| For 49.1 acres of land, taken August 5, 1899, 1902 | 9,220 00 |
| For easement in 237,274 feet, taken June 2, 1902 | 11,863 75 |
| | <hr/> |
| Total for three takings | \$331,188 75 |
| Interest at 6% on first taking | \$134,010 71 |
| Interest at 6% on second taking | 2,761 18 |
| Interest at 6% on third taking | 1,861 06 |
| Total interest at 6%, the State having made partial payment of interest to July 5, 1904 | 138,632 95 |
| | <hr/> |
| Grand total, Medford's share | \$469,821 70 |

It is rumored that the State may not be unwilling to effect a settlement in accordance with these findings without protracting the litigation. If a settlement is effected we earnestly urge upon your attention the importance to have the entire money received from this source turned over to

the Sinking Fund Commissioners with authority to buy, cancel and destroy Medford bonds, and preferably Medford water bonds so far as this can be done, and thus discharge so much of the bonded indebtedness of the city and substantially decrease our interest charges and Sinking Fund requirements. We believe such to be the only logical disposition to be made of these funds and that it is one that should commend itself to the Board of Aldermen and every tax-payer of our city.

APPORTIONMENT OF ANNUAL ASSESSMENTS OF WATER.

Prior to the enactment of Chapter 426 of the Acts of 1904, the cities and towns in the Metropolitan water district other than the City of Boston were charged for water on the basis of one-third in proportion to valuation, and the remaining two-thirds in proportion to population.

This legislation of 1904 made a change in the method of assessment. Commencing with January 1, 1906, our charges for water supplied by the Metropolitan water system is based one-third in proportion to the valuation for the preceding year and the remaining two-thirds in proportion to the consumption of water in the preceding year, thereby substituting consumption as an element of assessment, instead of population.

As the city is now paying for the water actually used on a measured service, the only logical method for distribution to the water taker, in the end, will be to cause the water rates to be largely dependent upon the quantity of water which is consumed, if the waste and excessive use of water is to be checked. The only serious matter for consideration, therefore, is whether meters shall be installed all at one time or by a system of gradual installation. We feel that the latter course should be adopted. By a substantial expenditure being made each year, the city can soon be put upon a metered service without a burdensome tax being levied for any one year upon the tax-payer.

By a rule already adopted by the Board, meters are now placed in all new buildings; and if a gradual installation of meters is made in other sections where, by inspection, leakage and waste occurs, we believe a great reduction in consumption can be attained while the system is being perfected throughout the city. Such a gradual installation will also enable the Board to ascertain what change in the water rates, if any, will have to be made to avoid furnishing water at a loss. Our Metropolitan water tax for the year 1905 was \$28,631.24. Acting upon these views we shall ask through you for the Board of Aldermen to make an appropriation of \$6,000 to make a beginning in the work of installing meters during the present year.

The department has been deprived of part of the income for hydrant service which should have been paid by the city, being part of the charges made in 1901, 1902, 1903, 1904 and 1905. At this time we feel it sufficient expression of our views to refer with approval to the views of our predecessors, as set forth in their reports of 1902, 1903 and 1904, to which reports we respectfully invite your attention and careful consideration.

The sewers, we believe, to be in good condition, and the extensions have been made the past year after the usual hearings being given the petitioners, and house connections made where applied for. Only two petitions for sewers, one by the West End Street Railway Company for an extension in Charles street, so called, and one by Tufts College for an extension in Boston avenue, are now before this Board under advisement.

All petitions for the apportionment of sewer assessments have been granted, and the amount as apportioned has been certified to the Board of Assessors.

We request that there be appropriated for sewer maintenance what the department needs the coming year, \$1,500.

For the further details of the working of the department

we respectfully refer to the appended reports of the Superintendent and Water Registrar.

Respectfully submitted,

JOHN F. LIBBY,
CHARLES W. ENRIGHT,
FRANK G. GRADY,
Water and Sewer Commissioners.

REPORT OF WATER REGISTRAR.

MEDFORD, MASS., January 1, 1906.

To the Water and Sewer Commissioners, City of Medford:
Gentlemen,—I herewith submit the following accounts of this office:

WATER WORKS ACCOUNT, 1905.

Cr.

| | |
|--|-------------|
| Receipts, water, Jan. 1, 1905, to Jan. 1, 1906, | \$66,746 24 |
| Receipts, construction, January 1, 1905, to January 1, 1906 | 1,567 66 |
| Receipts, Medford's proportion of amount received by the Metropolitan Water Board for water furnished outside cities and towns | 256 94 |
| Receipts, interest on deposits | 218 13 |
| Receipts, from other departments, stable account, etc. | 430 00 |
| Receipts, income from Hoyle fund, 1904 | 6 00 |
| Appropriation for construction | 16,000 00 |
| | <hr/> |
| | \$85,224 97 |

Dr.

| | |
|--|------------|
| Maintenance of the works (net) | \$7,863 83 |
| Interest on bonds | 16,660 00 |
| State tax, seventh assessment for Metropolitan water | 28,631 54 |
| Expense of other departments, stable, etc. | 430 00 |

410 REPORT OF WATER AND SEWER COMMISSIONERS.

| | |
|--|-------------|
| Construction and service pipes | \$16,950 14 |
| Available for Sinking Fund, Dec. 30, 1905 | 14,071 94 |
| Unexpended balance in construction account | 617 52 |
| | <hr/> |
| | \$85,224 97 |

SPOT POND FUND.

| | |
|---|--------------|
| Cash on hand January 3, 1905 | \$127,804 56 |
| There has been received as interest on the funds held | 1,919 65 |
| | <hr/> |
| | \$129,724 21 |

| | |
|---|--------------|
| Paid Sinking Fund, direct | \$100,000 00 |
| Paid Sinking Fund, water rates account | 6,500 00 |
| Paid on account expense of the suit against the State | 10,852 34 |
| Cash on deposit January 1, 1906 | 12,371 87 |
| | <hr/> |
| | \$129,724 21 |

Eight hundred and seventy-two hand hose rates have been paid during 1905, where services were not metered.

SEWER CONSTRUCTION ACCOUNT, 1905.

| | | |
|---|-------------|-------------|
| | <i>Cr.</i> | |
| Balance from 1904 | \$28,534 31 | |
| Sewer assessment bills | 1,284 05 | |
| House connection bills | 3,214 99 | |
| Apportioned accounts committed to Collector | 1,560 13 | |
| Apportioned accounts paid in advance, | 614 45 | |
| Miscellaneous credits | 1,026 48 | |
| | <hr/> | \$36,234 41 |

| | | |
|---|------------|--|
| | <i>Dr.</i> | |
| Paid, labor, sewer construction | \$1,946 67 | |
| John A. Gaffey, contract Main street and Hicks avenue | 78 41 | |

REPORT OF WATER AND SEWER COMMISSIONERS. 411

| | | |
|---|------------|-------------|
| Paid, labor, house connections | \$1,802 56 | |
| Engineering | 342 68 | |
| Clerical and office expense | 280 91 | |
| Superintendent's salary, pro- portional part | 565 00 | |
| Stock and tools | 3,221 26 | |
| Miscellaneous bills | 426 69 | |
| Stable expense | 144 42 | |
| Apportioned sewer assessment ac- counts | 1,158 38 | |
| Balance to 1906 | 26,267 43 | |
| | <hr/> | \$36,234 41 |

SEWER MAINTENANCE ACCOUNT, 1905.

| | | |
|--------------------------------|------------|------------|
| | <i>Cr.</i> | |
| Appropriation | | \$1,000 00 |
| | <i>Dr.</i> | |
| Expended during 1905 | \$854 79 | |
| Balance unexpended | 145 21 | |
| | <hr/> | \$1,000 00 |

BROOKS AND STREAMS, 1905.

| | | |
|--------------------------------------|-------------|----------|
| | <i>Cr.</i> | |
| Balance from 1904 | \$980 03 | |
| Received for material sold | 7 00 | |
| | <hr/> | \$987 03 |
| | <i>Dr.:</i> | |
| Expended during 1905 | \$921 60 | |
| Balance to 1906 | 65 43 | |
| | <hr/> | \$987 03 |

SEWER ASSESSMENTS.

| | |
|---|--------------|
| Total assessments January 1, 1905, \$243,798 71 | |
| Assessments levied during the year, 1,284 05 | |
| | <hr/> |
| Total assessments levied to date | \$245,082 76 |

All petitions for the apportionment of sewer assessments

have been granted, and the amount so apportioned, as certified to the Board of Assessors, is \$1,138.26. Also \$20.12 not yet certified to the Assessors.

LEAKS IN WATER MAINS.

| Year | Number. | Total cost. | Average cost each. | Number of different streets. |
|------|---------|-------------|--------------------|------------------------------|
| 1899 | 165 | \$1,548 06 | \$9 38 | 53 |
| 1900 | 124 | 1,238 60 | 9 99 | 50 |
| 1901 | 147 | 1,656 15 | 11 22 | 52 |
| 1902 | 154 | 1,625 90 | 10 55 | 52 |
| 1903 | 72 | 822 83 | 11 77 | 33 |
| 1904 | 98 | 922 91 | 9 42 | 45 |
| 1905 | 72 | | | 41 |

The sewer connections made during the year have cost as follows:

| 0 connections, | feet cost less than \$0 30 |
|----------------|----------------------------|
| 6 " 264 | " between 30 and \$0 40 |
| 40 " 1,911 | " " 40 " 50 |
| 46 " 2,004 | " " 50 " 60 |
| 17 " 635 | " " 60 " 70 |
| 9 " 313 | " " 70 " 80 |
| 7 " 230 | " " 80 " 90 |
| 0 " " | " " 90 " 1 00 |
| 5 " 254 | " over 1 00 " |

130 5,611 or 1.062 miles, making an average cost of \$0.566 per linear foot. Making to January 1, 1906,—

| | |
|---|--------------------------------|
| Total number sewer connections | 3,231 |
| Total length of sewer connections | 147,587 feet or 27.95 miles |
| Average length of all sewer connections | 45.67 feet |
| Total cost of all sewer connections | \$70,893.03 |
| Average cost per foot of all sewer connections, | .48 |

| | | |
|--|-------|-------|
| Buildings connected with sewers, see last report | 2,983 | |
| Buildings connected during 1905 | 132 | 3,115 |
| | — | |
| Families accommodated, see last report | 3,849 | |
| Additional accommodated during 1905 | 178 | 4,027 |
| | — | |

Respectfully submitted,

FRED L. CUSHING,
Water Registrar.

REPORT OF SUPERINTENDENT.

MEDFORD, MASS., January 1, 1906.

To the Water and Sewer Commissioners, Medford, Mass.:

GENTLEMEN,— Following is a statement of work done under the direction of the several superintendents for the year ending December 31, 1905 :

SUPPLY.

Medford's total supply for the past year has been taken from the mains of the Metropolitan Water Works.

511,044,000 gallons were used on low service and 190,423,000 on high service, making a total of 701,467,000 gallons.

NEW MAINS.

New mains have been laid in the following streets :

| | |
|----------------------------|--------------------|
| Brookings street | 242 feet of 8 inch |
| Capen street | 225 " 6 " |
| Douglas road | 758 " 6 " |
| Ellis avenue | 196 " 6 " |
| Malvern terrace | 140 " 2 " |
| North street | 170 " 6 " |
| Park avenue | 142 " 6 " |
| Summit road | 158 " 8 " |

| | |
|---------------------------|---|
| Winthrop street | 325 feet of 8 inch |
| Yale street | 32 " 6 " |
| | <hr style="width: 10%; margin-left: auto; margin-right: 0;"/> |
| | 2,388 feet total |

MAINS RELAID.

Mains have been relaid as follows :

| | |
|------------------|-------------------------------------|
| Bradbury avenue, | 234 feet of 6 inch replacing 4 inch |
| Brooks street, | 36 " 8 " 4 " |
| Dexter street, | 330 " 8 " 4 " |
| Fourth street, | 2055 " 10 " 4 " |
| Marion street, | 36 " 6 " 4 " |
| Sheridan avenue, | 329 " 8 " 4 " |
| Smith's lane, | 695 " 6 " 2 " |
| Wareham street, | 1229 " 6 " 4 " |
| Washington st., | 1046 " 10 " 4 and 6 inch |

There are at present 290,717 feet or 55.06 miles of mains in use in this city.

MAIN LEAKS.

There have been 72 leaks in mains that have been attended to.

The mains requiring most attention are located as follows :

Bow street.

Brooks Park.

Court street.

Dexter street, which has been relaid.

Fourth street, which has been relaid.

Main street.

Spring street.

Washington street, which has been relaid.

BLOW-OFFS.

Branches have been laid from mains to sewer manholes for blow-off purposes in the following streets :

Douglas road.

Ellis avenue.

Fourth street at Bradbury avenue.

Fourth street at B. & M. R. R.

Summit road.

Wareham street.

HYDRANTS, STANDPIPES AND FOUNTAINS.

There have been 11 new hydrants set during the past year and one abandoned.

This makes a total of 499 hydrants in use at the present time; some have been repaired, all have been inspected and oiled, and with few exceptions are in good condition.

Standpipes have been kept in repair and fountains thoroughly cleaned.

GATES AND GATE BOXES.

It has been found necessary to repack a number of gates and raise several gate boxes on regraded streets. During the year I have had compiled by the City Engineer books giving location of all gates on record; quite a few are in that we have no record of, and these are being taken up as we come across them in our work.

SERVICES.

There have been 76 new services laid, their lengths totaling 3,035.75 feet; 1,473 feet of this is in the street and 1,562.58 in private property.

49 services have been renewed, 65 cleaned, 59 thawed and 31 otherwise attended to.

We have had 50 service leaks, to which necessary attention has been given.

SERVICE BOXES.

A number of service boxes have been dug and replaced, and we are at present locating them where we can do so without expense.

METERS.

117 meters have been installed the past year, making a total of 335 in use at present.

SEWER CONSTRUCTION.

The following street sewers have been constructed :

| | |
|---------------------------------|-----------------------|
| Douglas road | 845.73 feet of 8 inch |
| Irving street | 316.17 " 8 " |
| Malvern terrace | 123.62 " 8 " |
| North street | 182.56 " 8 " |
| Pleasant street court | 127.32 " 8 " |
| Vernon street | 139.91 " 8 " |

1,735.31 feet total

This added to last year's total makes a total to date of 257,593.4 feet of street sewers in the city, or 48.78 miles.

HOUSE CONNECTIONS.

There have been 130 connections made with the main sewers; one of these has four inlets.

There have also been 3 connections made with surface drains.

| | |
|--|--------------|
| Total length of connections to Jan. 1, 1905, | 141,975 feet |
| " " " laid in 1905, | 5,611 " |
| " " " to date, | 147,586 " |
| or 27.95 miles. | |

Average length of all connections, 45.67 feet.

SEWER MAINTENANCE.

Men are now at work on sewers, and in a few months' time all main sewers will have been thoroughly cleaned and scraped.

A number of manhole tops in different sections of the city have been raised or lowered to conform with change of grade in streets.

Eighteen house connections have been cleared of obstructions.

BROOKS AND STREAMS.

All brooks and streams under our charge have been cleared of rubbish and cleaned.

Nowell creek has been thoroughly cleaned from Fellsway to Myrtle street.

The section of Gravelly creek between Salem and Water streets has been replanked where absolutely necessary, and is now in fair condition.

Respectfully submitted,

O. J. WHITNEY,

Superintendent.

REPORT OF THE CITY CLERK.

MEDFORD, January 1, 1906.

Hon. Michael F. Dwyer, Mayor of City of Medford, Mass.:

DEAR SIR,—I respectfully submit the annual report of this department.

The receipts during the past year have been as follows:

| | |
|---|------------|
| Dog licenses— 778 males at \$2.00 | \$1,556 00 |
| 151 females at \$5.00 | 755 00 |
| 30 females (spayed) at \$2.00 | 60 00 |
| 1 breeder's at \$50 | 50 00 |
| 3 breeders' at \$25 | 75 00 |
| Amusement licenses | 28 00 |
| Auctioneers' licenses | 28 00 |
| Billiard and pool room licenses | 8 00 |
| Bowling alley licenses | 5 00 |
| Carriage licenses | 49 00 |
| Intelligence office licenses | 8 00 |
| Junk collectors' licenses | 220 00 |
| Fireworks licenses | 14 00 |
| Liquor licenses (druggists) | 10 00 |
| Marriage licenses | 106 50 |
| Mortgages and miscellaneous papers recorded | 119 25 |
| Amount on hand January 1, 1905 | 10 50 |
| Total | \$3,102 25 |

| | | |
|---------------------------------|------------|------------|
| Paid County Treasurer | \$2,303 40 | |
| Paid City Collector | 782 35 | |
| | <hr/> | \$3,085 75 |
| Balance on hand | | \$16 50 |

The only important records of this department which are not properly indexed are those of the selectmen's order books, which include the years from 1735 to 1803, and the selectmen's records, which are for the years from 1794 to 1892, inclusive. These latter are in frequent demand for examination and reference on important matters which were considered and acted upon by the board of selectmen of the town, and the indexing of them is essential as the difficulty of obtaining information from them under present conditions is apparent.

The repeal of the acceptance of the "Luce Bill" at the recent municipal election will have the effect of holding the party caucuses under the original caucus law and consequently reduce the expenditure for such purposes.

I would recommend the following appropriations for this department for the current year:

| | |
|--|------------|
| Election expenses [. | \$2,000 00 |
| General expenses and clerical assistance | 1,200 00 |
| Indexing records | 75 00 |
| Canvass and returns of births and deaths | 350 00 |
| State and Military Aid | 300 00 |

Respectfully submitted,

ALLSTON P. JOYCE,
City Clerk.

JURY LIST.

AS REVISED BY THE BOARD OF REGISTRARS, FEBRUARY 19, 1906,
AND APPROVED BY BOARD OF ALDERMEN, MARCH 20, 1906.

| Name | Age | Address | Occupation |
|-----------------------|-----|-----------------|-------------------|
| Albee Fred H | 38 | 58 Bowers | Sashes and blinds |
| Allen Edward F | 57 | Summit road | Broker |
| Allen Nathan W | 64 | 18 Vernon | Trust business |
| Allen William M | 57 | 19 Edward | Paper ruler |
| Ambrose Thomas H | 31 | 224 Arlington | Clerk |
| Amory Henry F | 48 | 24 North | Com traveller |
| Anderson James M | 37 | 27 Touro ave | Towel supplies |
| Archibald Charles D | 63 | Walnut | Clerk |
| Armstrong Ellery A | 41 | 15 Sumner ave | Foreman |
| Arnold Edgar B | 54 | 72 Almont | Bookkeeper |
| Avallone Pasquale | 38 | 50 Franklin | Barber |
| Baldwin Thomas F | 27 | 152 Albion | Pressman |
| Barker William S | 38 | 19 Pleasant | Baker |
| Bathrick Thomas W | 47 | 10 Emery | Art decorator |
| Bennett William | 53 | 65 Lincoln | Mason |
| Bigelow Leon R | 39 | 60 Allston | Salesman |
| Blanchard William S | 45 | 19 Vine | Clerk |
| Blenkhorn Dexter B | 40 | 9 Liberty ave | Blacksmith |
| Bowler James C | 41 | 47 Albion | Foreman |
| Bradlee Dudley H | 56 | 18 Forest | Hardware |
| Bragdon Louis G | 38 | 83 Sharon | Concreter |
| Bresnahan Jeremiah F | 27 | 39 Touro ave | Mason |
| Bresnahan Michael J | 28 | 35 Touro ave | Clerk |
| Bridge Edmund | 59 | 52 Wyman | Real estate |
| Brittain James F | 64 | 207 Main | Carpenter |
| Brown Charles H | 26 | 30 Wareham | Salesman |
| Brownell Robert L | 41 | 19 Gleason | Clerk |
| Burke Thomas F | 38 | 16 Morton ave | Barber |
| Campbell William H | 29 | 15 Fulton | Clerk |
| Carens John J | 29 | 133 Jerome | Clerk |
| Carleton John J | 33 | 34 Tufts | Painter |
| Carpenter Frederick W | 34 | 77 Sheridan ave | Bookkeeper |
| Casey William H | 45 | 7 Albion | Brick mfr |

JURY LIST.

421

| Name | Age | Address | Occupation |
|------------------------|-----|-------------------|------------------|
| Center Joseph | 29 | 60 Fulton | Motorman |
| Chamberlain William S | 23 | 423 High | Clerk |
| Charnock Fred R | 44 | 50 Quincy | Civil engineer |
| Clark Charles S | 52 | 232 Arlington | Painter |
| Clark Jeremiah M | 31 | 258 Arlington | Contractor |
| Coburn Charles F | 62 | 63 Forest | Leather |
| Cofran George E | 50 | 492 Salem | Meat cutter |
| Collins Dwight O | 44 | 11 Fulton | Boarding stable] |
| Conant George F | 61 | 38n Franklin | Driver |
| Conaty Nicholas | 30 | 32 Forest | Coachman |
| Cook Walter H | 31 | 97 Winchester | Machinist |
| Cosgrove Frederick A S | 32 | 302 Salem | Broker |
| Couch William H | 49 | 104 Jerome | Insurance |
| Coulson John | 57 | 11 Oakland | |
| Cowin J Howard | 32 | 114 South | Clerk |
| Croswell Samuel P | 50 | 11 Cottage | Clerk |
| Curtin Constance | 58 | 42 Tufts | Laborer |
| Curtis Myron G | 53 | 47 Wareham | Expressman |
| Cushing Henry H D | 63 | 30 Otis | Packer |
| Cushing Walter F | 48 | 16 Magoun ave | Stationer |
| Daly Charles T | 24 | Mystic valley pky | Student |
| Daley George A | 37 | 85 Central ave | Steel works |
| Dalzell Robert | 34 | 14 Emerson | Tailor |
| Delaney Timothy J | 36 | 68 Almont | Motorman |
| Desmond Walter P | 29 | 15 Summer | Dentist |
| Doherty John M | 60 | 21 Touro ave | |
| Donnellan Edward F | 54 | 30 Lincoln | Upholsterer |
| Downing George L | 54 | 78 Medford | Creamery |
| Drowne Elmer C | 39 | 39 Capen | Accountant |
| Dunn John F | 34 | 47 Logan ave | Motorman |
| Dutton Harry | 52 | 110 Forest | Merchant |
| Dwyer John D | 41 | 228 Spring | Real estate |
| Dyer Everett B | 63 | 57 Cushing | Machinist |
| Eddy Will C | 48 | 18 Summer | Printer |
| Eeles Frank B | 48 | 134 Jerome | Bookbinder |
| Enwright John W | 38 | 48 Fellsway West | Insurance agent |
| Fenton Edward F | 51 | 95 Magoun ave | Paper hanger |
| Finney Charles E | 63 | 84 Allston | |
| Fisher Charles T | 25 | 227 Salem | Clerk |
| FitzGerald John J | 46 | 49 Farragut ave | Storage house |
| Fitzpatrick Frank P | 30 | 44 Sprague ct | Clerk |
| Fitzpatrick John J | 62 | 507 Main | |
| Fitzpatrick Lawrence E | 27 | 2 Union | Plumber |
| Folsom William A | 47 | 115 Winthrop | Real estate |
| Ford John J | 40 | 42 Pearl | Bookkeeper |

| Name | Age | Address | Occupation |
|---------------------|-----|-------------------|------------------|
| Gamage Olonzo A | 58 | 2 Canal | Druggist |
| Gibson Richard | 50 | 30 Lawrence | Builder |
| Gibson William | 27 | 135 Forest | Hardware |
| Gillis John C | 54 | 9 Emerson | Shoemaker |
| Gordon Lysson | 43 | 75 Warren | Clerk |
| Gowing Edward | 36 | 128 South | |
| Grace Robert H | 52 | 109 Monument | Bookkeeper |
| Gray Charles R | 53 | 1 Sturtevant ter | Carpenter |
| Green Herman R | 60 | 25 Franklin | Real estate |
| Greene Matthew J | 51 | 13 Higgins ave | Baker |
| Grimes Mark M | 40 | 100 Sharon | Electrician |
| Grimley Stephen H | 31 | 15 Sherman | Glazier |
| Grover Charles A | 64 | Fells ave | Piano maker |
| Hall Arthur D | 26 | 89 College ave | Trav salesman |
| Ham Frank W | 60 | 534 High | Carpenter |
| Hamilton Frank H | 42 | 31 Hillside ave | Clerk |
| Harty Arthur J | 30 | 48 Fellsway West | Draughtsman |
| Hawkins James S | 39 | 44 Paris | Carpenter |
| Hernan Michael A | 59 | 171 Arlington | Night watchman |
| Hersey George W | 46 | 47 Magoun ave | Photographer |
| Higgins Thomas P | 36 | 23 South | Checker |
| Hill Harry M | 42 | 18 Oakland | Clerk |
| Hogan Daniel T | 29 | 109 Auburn | Carriage painter |
| Horton Harry P | 36 | 163 Main | Tel manager |
| Hovey Thomas C | 50 | 124 Brooks | Real estate |
| Howe Elias W | 64 | 1 Bellevue ter | |
| Hughes Frank | 50 | 9 Poole | Gateman |
| Hughes John F | 23 | 24 Union | Laborer |
| Hunt William J | 43 | 149 Spring | Cigar maker |
| Hurd Fred O | 48 | 558 Riverside ave | Real estate |
| Ingraham George H | 26 | 15 Riverside ave | Driver |
| Ingraham Robert R | 38 | 105 Jerome | Cash register |
| Jackson Henry C Jr | 31 | Summit road | Bank clerk |
| James William H | 61 | 86 Main | Horse dealer |
| Jenney William T | 38 | 168 High | Rubber |
| Jennings Michael | 38 | 13 Poole | Clerk |
| Johnson Nathan A | 46 | 76 Washington | Grocer |
| Joyce Edwin L | 38 | 20 Pleasant | Captain |
| Joyce Winslow | 62 | 193 Main | Clerk |
| Kakas Edward F | 52 | 54 Brooks | Furrier |
| Keene Samuel W | 50 | 1 Cross | Carriage painter |
| Kerr Andrew | 27 | 317 Forest | Chemist |
| Kile Theron D | 46 | 327 Boston ave | Electrician |
| Kinneen Bartholomew | 39 | 576A Main | Produce |
| Kirk S Thomas | 50 | 38 Capen | Cabinet maker |

JURY LIST.

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| Name | Age | Address | Occupation |
|---------------------|-----|-------------------|------------------|
| Lafreniere Prudent | 36 | 31 Cross | Barber |
| Lane Charles H | 34 | 524 Main | Draughtsman |
| Lane George H | 58 | 165 Brooks | Bell founder |
| Larkin Charles E | 34 | 4 South st ct | Public carriage |
| Leach Joseph N | 63 | 72 Boston ave | Boots and shoes |
| Lemont Arthur E | 39 | 90 Boston ave | Tel operator |
| Lenox William H | 48 | 74 Mystic ave | Contractor |
| Lewis Michael J | 37 | 45 Sheridan ave | Plumber |
| Lyman Luther B | 52 | 12 Gove | Printer |
| Lynn John F | 39 | 4 Cedar cliff ter | Rubber worker |
| Macy William F | 38 | 13 Mystic | Real estate |
| Mahar William H | 27 | 30 Edward | Shipper |
| Mann Moses W | 60 | 138 Boston ave | Carpenter |
| Mason Albert | 63 | 30 Garfield ave | Thermometers |
| McCarthy Thomas P | 32 | 113 Arlington | Plumber |
| McDonald Peter J | 43 | 41 Garfield ave | Steamfitter |
| McIntire Warren S | 32 | 67 Dudley | Clerk |
| McKeon Harry F | 33 | 161 Winthrop | Produce dealer |
| McKeon James E | 46 | 39 Court | Druggist |
| McQuade John H | 51 | 42 South | Dentist |
| Menard John H | 64 | 21 Glenwood ave | Stair builder |
| Mills Fred W | 42 | 6 Cudworth | Carpenter |
| Minard Asa R | 33 | 152 Mystic | Plate printer |
| Morrison John | 48 | 101 Magoun ave | Clerk |
| Morrissey Patrick J | 27 | 30 West | Driver |
| Morse Warren T | 59 | 596 High | Paper box mfr |
| Mulkerin John J | 29 | 75 Arlington | Milkman |
| Murch Stephen C | 32 | 50 Hillsdale road | |
| Murphy James | 51 | 381 Main | Hostler |
| Murphy Lawrence | 41 | 36 Leyden | Carriage painter |
| Neilan John P | 46 | 347 Riverside ave | Plumber |
| Nelson Arthur H | 40 | 55 Hillsdale road | Architect |
| Newcomb William M | 42 | 44 Thatcher | Manager |
| Norton Michael J | 54 | 36 Paris | Examiner |
| Noyes Frederick W | 57 | 15 Vine | Express |
| Ober William E | 37 | 43 Monument | Electrician |
| O'Brien Henry J | 37 | 53 Sheridan ave | Mason |
| O'Brien John T | 26 | 71 Court | Trimmer |
| O'Connell William | 53 | 20 Touro ave | Horse collars |
| O'Neil Cornelius | 54 | 582 Main | Horse dealer |
| Orpin Arthur | 53 | Fellsway West | Furniture mfr |
| Orpin Robert C | 29 | 63 Oakland | Real estate |
| Osgood William H | 45 | 100 Harvard ave | Boots and shoes |
| Overton William F | 44 | 36 Jerome | Gardener |
| Owens Eugene T | 36 | 9 Madison | Insurance |

JURY LIST.

| Name | Age | Address | Occupation |
|-----------------------|-----|-------------------|-----------------|
| Parker William I | 61 | Rock Hill | Asst treasurer |
| Partington William E | 38 | 81 Main | Com traveller |
| Pearce Thomas | 59 | 197 Woburn | |
| Pennell Edmund H | 53 | 19 Otis | Teaming |
| Pierce Ellisha G | 38 | 60 Harvard ave | Clerk |
| Pierce Melvin W | 53 | 208 Arlington | Insurance |
| Plummer Eugene L | 45 | 14 Edison ave | Bookkeeper |
| Poland George L | 42 | 94 Spring | Carpenter |
| Porter George | 61 | 140 Allston | Carpenter |
| Power George H | 38 | 37 Gleason | Com traveller |
| Pratt Irving W | 46 | 11 Logan ave | Broker |
| Preston John M | 43 | 21 Water | Salesman |
| Puffer Harrison | 46 | 18 Leyden | Carpenter |
| Reed Alvin R | 63 | 45 Thatcher | Clerk |
| Reidy John H | 39 | 21 Logan ave | Trav salesman |
| Reilly Joseph E | 33 | 39 Stearns ave | Packer |
| Reilly William J | 35 | 96 Warren | Bookkeeper |
| Roberts Amos M | 39 | 13 Cudworth | Electrician |
| Roberts Charles A | 48 | 35 Emery | Brush maker |
| Roberts Eben F | 04 | 23 College ave | Market |
| Robinson Benjamin F | 04 | 7 Henry | Blacksmith |
| Robinson Martin W | 61 | 10 Almont | Provisions |
| Rollins John A | 60 | 195 Salem | Farmer |
| Russell Charles L | 42 | 8 Crescent | Teamster |
| Russell George E | 41 | 75 Winthrop | Rectifier |
| Salomon Mayer | 46 | 3 Circuit | Tailor |
| Saville Frank E | 35 | 308 Park | |
| Sayre John W | 59 | 83 Spring | Clerk |
| Seitz Andrew M | 39 | 136 Spring | Cigarmaker |
| Sharman George W | 43 | 22 Madison | Boots and shoes |
| Sias George W | 40 | 92 Otis | Broker |
| Sinclair Alfred P | 45 | 26 Hillsdale road | Flour |
| Slater Nicholas | 53 | 42 Myrtle | Gilder |
| Smith John | 32 | 7 William | Machinist |
| Smith Joseph C | 40 | 43 Fifth | Editor |
| Smith William O | 55 | 161 Park | Mill supplies |
| Souther Nathan T | 52 | 105 Sharon | Insurance |
| Spellman John J | 40 | 17 North | Brass finisher |
| Sprague Alberto L | 55 | 305 Salem | Insurance |
| Stanchfield William N | 41 | 298 Salem | Coke works |
| Stetson George W | 57 | 47 Ashland | Real estate |
| Stevens Edwin E | 49 | 87 North | Leather belting |
| Stevens Roscoe T | 44 | 72 Newbern ave | Teamster |
| Stickney Allison M | 59 | 11 Wareham | Machinist |
| Sullivan Caleb K | 60 | 135 Park | Ship chandler |

JURY LIST.

425

| Name | Age | Address | Occupation |
|----------------------|-----|-----------------|----------------|
| Sullivan Cornelius P | 50 | 246 Park | Contractor |
| Sullivan Thomas J | 38 | Fellsway West | Teamster |
| Summers Charles S | 39 | 46 Martin | Steamfitter |
| Sweeney Dennis M | 54 | 7 Albion | Teamster |
| Sweeney Michael J | 45 | 71 Fountain | Carpenter |
| Swift Richard H | 57 | 36 Franklin | Tinsmith |
| Symmes Arthur C | 50 | 23 Forest | Carriage mfr |
| Tay Samuel B | 54 | Forest | Farmer |
| Taylor David L Jr | 42 | 27 Gleason | Manager |
| Teel Josiah R | 59 | Woodland ave | |
| Tucker Fred A | 53 | 223 Main | Bookkeeper |
| Tutten John L | 28 | 23 Canal | Stone cutter |
| Upham Franklin M | 59 | 10 Cotting | Salesman |
| Volpe John E | 24 | 276 Main | Fruit |
| Vye Albert W | 53 | 7 Granville ave | Plasterer |
| Wadleigh Corliss | 25 | 7 Fellsway West | Clerk |
| Walker Henigar F | 38 | 61 Main | Foreman |
| Walkling George H | 30 | 233 Woburn | Carpenter |
| Wall Edward W | 62 | 85 Marshall | |
| Welch Albert W | 43 | 27 Prescott | Expressman |
| Weldon William H | 37 | 47 Winchester | Clerk |
| Wellington Ernest H | 41 | 92 Allston | Bookkeeper |
| Wells Thomas B | 42 | 14 Webster | Mason |
| Weston Frank L | 45 | 29 Fountain | Manager |
| Whalen John F | 50 | 38 Alfred | Shipping clerk |
| Whalen William A | 35 | 22 Emerson | Salesman |
| Wildes Charles W A | 47 | 62 Canal | Photographer |
| Williams Lombard | 31 | 31 Bradlee road | Real estate |
| Wing Fred D | 50 | 304 High | Salesman |
| Wood Wallace J | 35 | 42 South | Ice |
| Wood William H | 57 | 1 Hammond pl | Painter |

A true copy. Attest:

ALLSTON P. JOYCE,
City Clerk.

ABATEMENTS OF REAL AND PERSONAL TAXES OF 1905,

FROM SEPTEMBER 12, 1905, TO FEBRUARY 26, 1906.

| Name. | Amount of Abatement. |
|--|-------------------------|
| Ayer, Ada F. and William P. F., Winchester, Mass. | \$4 28 |
| Bankhead, John E., 62 Arlington street . . . | 1 07 |
| Banks, Lucius, and Jeffress, J. E., 37 Lincoln street | 41 73 |
| Batchelder, Robert C., 350 Riverside avenue . | 6 42 |
| Bates, Mary E., and Smith, Sarah A., 100 Savin Hill, Dorchester | 10 70 |
| Bennett, Robert, 9 Bennett street | 21 40 |
| Bishop, Charlotte A., 516 High street | 29 96 |
| Bohanan, Daniel W., 15 Royal street | 10 70 |
| Booth, Charles, 42 Alfred street | 4 28 |
| Brainard, Angelia C., 306 Riverside avenue . . | 5 35 |
| Brien, Mary E., 44 Sherman street | 10 70 |
| Brown, Harriet W., 21 Cross street | 10 70 |
| Burgess, Emily W., 44 Washington street . . | 21 40 |
| Burke, heirs of John, 73 Cotting street . . . | 54 57 |
| Carroll, William, 14 Water street | 10 70 |
| Casey, Thomas G., 50 Winchester street . . . | 4 28 |
| Cavanaugh, Mary F., 37 West street | 10 70 |
| Chandler, Frank E., executor under will of George W. McPherson, 37 South street . . . | 321 00 |
| Chandler, John B., 6 Ashland street | 10 70 |
| Churchill, Henrietta F., 85 Medford street . . | 21 40 |
| Clafin, Charles A., 171 George street | 16 05 |

| | |
|---|--------------|
| Conley, Julia, 59 Paris street | \$10 70 |
| Crockwell, heirs of Thomas, 35 West street | 21 40 |
| Davis, heirs of Hannah F., 32 Fifth street | 6 42 |
| Dean, Elizabeth B. P., 22 Myrtle street | 25 68 |
| Dillon, Catherine, 6 Granville avenue | 10 70 |
| Dodge, Mary D., administratrix estate of Lewis A. Dodge, 123 High street | 64 20 |
| Eames, Adclaide L., 40 Dexter street | 2 14 |
| Eames, John H., Marshfield Hills | 42 80 |
| Eastman, Horace T., 369 Boston avenue | 8 56 |
| Eaton, Laura J., 37 Fifth street | 383 06 |
| Ekstrom, Augusta O., 34 Joseph street | 4 28 |
| Emerson, Henry P. and Abington Savings Bank, Emerson, Jacob F. | 6 42 3 21 |
| Fitzgerald, Elizabeth M., 52 Paris street | 10 70 |
| Foster, Frances H., 32 Warren street | 8 56 |
| Frazier, Mary, 50 Paris street | 10 70 |
| Frost, Sarah F., 16 Foster court | 10 70 |
| Gleason, Mary H. et als., Arlington, Mass. | 17 12 |
| Godding, Frederick L., 210 Main street | 5 35 |
| Goggin, Catherine, 48 Webster street | 10 70 |
| Gourley, Herbert, Cross street | 10 70 |
| Gray, Anna A. and John T., 2 William place | 10 70 |
| Gray, Harriet A., 43 Franklin street | 10 70 |
| Greenwood, Susan A., 28 Albion street | 31 03 |
| Grout, Louise A., 15 Centre street, Brookline | 6 42 |
| Hall, heirs of Nelson, South Sudbury, Mass. | 42 80 |
| Hall, Vernon H., and R. Linzee, administrator estate of Horace D. Hall, 18 Forest street | 214 00 |
| Hamlin, Edward K., 23 Spring street | 6 42 |
| Harlow, Mary W., 48 Riverside avenue | 10 70 |
| Harvey, David R., 59 College avenue | 10 70 |
| Hayden, Jennie B., 4 Water street court | 10 70 |
| Healey, Mary, 71 Fulton street | 10 70 |
| Highland Coal Company, Harvard street | 64 20 |
| Hoitt, Angeline, 35 Franklin street | 10 70 |

| | |
|---|-------------------------|
| Hollis, Laura A., Dexter street | \$22 47 |
| Houston, Ellen, 52 Farragut avenue | 10 70 |
| Howe, James, 17 Everett street | 2 14 |
| Hyde, heirs of James, care Lorena A. Grammer, Stoneham, Mass. | 8 56 |
| Jaquith, Ellen A., 39 Everett street | 10 70 |
| Jaquith, Georgianna E., 47 Fulton street | 6 42 |
| James, Lucy, 38 Fulton street | 10 70 |
| Jones, Sarah, 166 Sharon street | 10 70 |
| Kane, Catherine, 40 Paris street | 10 70 |
| Kearius, Patrick, 489 Broadway | 11 77 |
| Kittredge, Marietta, 32 Fifth street | 4 28 |
| Koschwitz, Annie B., 12 Grant avenue | 11 77 |
| Lauriat, heirs of George W., 46 Washington street | 10 70 |
| Lothrop, Caroline, 39 Cushing street | 10 70 |
| Mackay, Dolly, 40 Albion street | 4 28 |
| Macy, Mary Ella, 131 Mystic street | 145 52 |
| Magennis, Edward, 29 Summer street | 6 42 |
| Magoun, Sylvanus L., 63 College avenue | 74 90 |
| Mariner, Edna E., 120 Adams street | 21 40 |
| Marshall, Francis, 10A Pembroke street | 10 70 |
| Martin, Thomas, care J. Mott Hallowell | 23 54 |
| McBride, Margaret, 41 Paris street | 10 70 |
| McCarthy, John, 62 William street | 3 21 |
| McCarty, Rose A. and Alice M. and ward, Alice M., 48 Myrtle street | 10 70 |
| McGillicuddy, Mary J., and Hannah E., 31 Paris street | 10 70 |
| McGuine, heirs of Thomas, 145 Winthrop street, McLeod, heirs of William A., 61 Edward street, Mead, Edward C., Tremont Building, Boston | 7 49 21 40 129 47 |
| Medford Manufacturing Co., Ship avenue | 18 19 |
| Meyer, heirs of J. C., 165 Arlington street | 10 70 |
| Mitchell, Joanna L. H., 15 Grant avenue | 21 40 |
| Neilan, John P., 347 Riverside avenue | 1 07 |

| | |
|---|----------|
| Newcomb, heirs of Thomas C., 68 Washington street | \$4 28 |
| Nichols, Pamela B. | 21 40 |
| Norton, Bridget Josephine, 26 Spring street | 44 94 |
| O'Brien, John T., Julia T., et al, 76 Court street, | 10 70 |
| Ordway, Augustus L., 164 Park street | 42 80 |
| Osborne, heirs of Thomas T., 10 Cottage street, | 10 70 |
| Parker, Joseph A., care Sarah E. Sheffield, 132 Brooks street | 4 28 |
| Pinanski, Nathan, and Tyler, William J. | 3 21 |
| Pickup, Edmund, 42 Spring street | 12 84 |
| Palegio, Carlo, 18 Harvard avenue | 3 21 |
| Price, Abel S., 555 Main street | 7 49 |
| Puffer, Alvin D., 203 High street | 2,140 00 |
| Randall, Emma J., 37 Adams street | 10 70 |
| Richards, Reliance F., Centreville, Mass. | 6 42 |
| Richardson, Adelaide L., Winchester | 4 28 |
| Rowley, Mary, Earl avenue | 27 82 |
| Rush, heirs of Francis and Ellen, 9 North street, | 10 70 |
| Ryan, Mary, 9 Albion street | 10 70 |
| Sanford, Freeman B., 84 Jerome street | 10 70 |
| Saxe, Abby D., 47 Central avenue | 10 70 |
| Scott, William, 220 Forest street | 64 20 |
| Severance, Mary A., 2 Fulton place | 31 03 |
| Shaw, Penelope, 421 High street | 18 19 |
| Shine, Thomas, 55 Paris street | 10 70 |
| Sleep, Bertha E., 56 Holton street | 32 10 |
| Smith, Martha G., 160 Salem street | 21 40 |
| Smith, Mary W., 16 Wheeler avenue | 10 70 |
| Steed, Herbert, 9 Leyden avenue | 8 56 |
| Sternburg, heirs of Horatio, 83 Morton avenue, | 10 70 |
| Stevens, Addie L., Cambridge | 83 46 |
| Sullivan, Ellen J., 36 Summer street | 21 40 |
| Sweeney, Michael | 2 14 |
| Tidd, Mary E., 26 Everett street | 10 70 |
| Tucker, heirs of Aaron, 2 Water street court | 10 70 |

| | |
|--|---------|
| Turner, Elizabeth, 31 South street | \$78 11 |
| Vinal, Mercy A., 11 Garden street | 10 70 |
| Vinton, Alfred C., Trustee, Winchester | 42 80 |
| Volpe, Pasquale, 276 Main street | 2 14 |
| Warren, William H., executor under will of Albina S. Pierce, 66 Dudley street | 107 00 |
| Waterman, Mary, 68 Ashland street | 10 70 |
| Welsh, Willard, 15 Exchange street, Boston | 8 56 |
| White, Ellen E., 18 Fountain street | 10 70 |
| Williams, Mary F., 137 Jerome street | 10 70 |
| Paul, Betsey H., Sudbury, Mass. | 4 28 |

HENRY WITHINGTON,
EDWARD S. RANDALL,
MYRON G. CURTIS,
Board of Assessors.

REPORT
OF THE
STREET COMMISSIONER.

MEDFORD, MASS., January 1, 1906.

Hon. Michael F. Dwyer, Mayor of the City of Medford:

In accordance with your request I submit the report of the Street Department for the year 1905. I was placed in charge of this department January 17th last and have continued so up to this date. The old stable was used for the horses down to June 24th, when they were removed to the new city stable which had been completed a short time before. This building has required extensive alterations and some changes yet remain to be made in order that it may become better adapted to the purpose for which it was built. A dirt run with granite abutments was constructed and has added materially to the appearance of the building. Water was found in the cellar during high tides, but this trouble has been obviated and the cellar is now apparently perfectly dry. A large oat bin of 1,000 bushels capacity was also added to the equipment. Other improvements have been made and the place made comfortable for the horses. All the out buildings have been repaired and painted and are now in good condition. The grade of the yard has been raised by the addition of many loads of gravel and stone.

The following streets have been resurfaced or macadamized: Pearl, Union, Fulton, Everett, Court and parts of Main and Salem streets, Ship avenue, Middlesex avenue and Central avenue in part. The contract, or agreement, with Mr. Shepherd Brooks for the building of Playstead road expired December 31, 1904, but he waived his rights and the

extension of this street, from its junction with Woburn street to Winthrop street, has been completed to the satisfaction of Mr. Brooks. The work was done within the balance remaining of the sum of money contributed by him, although it was found necessary to build a stone retaining wall along the line of Oak Grove Cemetery where needed, a large culvert and a stone bridge over Playstead Brook where Warren and Century streets enter Playstead road.

All the catch basins in the city have been thoroughly cleaned, a large number of which had received little or no attention for years, had become badly clogged and failed to carry off the water. All surface drains were examined and many of these were found to be completely plugged and rendered useless. These were cleared of obstructions and new pipe laid where necessary. The catch basins and drains are now in good working order. The Woburn street district drain was completed and as many catch basins put in as the appropriation would permit, although no money had been provided for this purpose. This district is now well taken care of, yet more catch basins are needed. Tainter street drain from Park to Paris street was also finished. Early in the year the Park Department called attention to the fact that three playgrounds had been set apart by the Metropolitan Park Commission in the Mystic River Reservation. These were located by the City Engineer, and since that time all the ashes, street sweepings and other filling collected by the department in the vicinity of these places has been dumped there. This work should be continued, as, in a comparatively short time, these playgrounds may be made available for the use of the children. A very large amount of material has been put into the South Medford Park which is now about up to grade.

The laying of the bitulithic pavement on High street was completed in April and the results have been satisfactory up to the present time. The part of this street from Winthrop Square to the Boston & Maine Railroad at West Medford

is not wearing well and will soon need quite extensive repairs. The gravel pit at Wright's Pond, which had been closed for years, was re-opened during the summer and large quantities of material taken for use upon the streets in various parts of the city. Here is a fine quality of blue gravel which is particularly adapted to the building of dirt roads as well as for binding on macadamized roads. The Valley street crusher, which went out of commission in January, 1900, has been thoroughly overhauled, was put into use in the early fall and has been in operation since. The boiler was tested by the State Inspector; the whole plant is now in first class shape and can be run at a comparatively small expense. It is finely located to provide crushed stone for the streets of the city located east and south of the square. The stone from this quarry will be used in the repair of Main and Salem streets and Middlesex avenue during the coming year. The Winthrop street plant is in good condition, but a large part of the running expenses could be saved in the future if the crusher should be moved to a place nearer the supply of rock, as the haul is now a hard and expensive one. The cost of the change would probably be \$1,000, which would be money well spent. The teams and other apparatus of the departments were in very poor condition at the beginning of the year, but they have all been thoroughly repaired and are now in excellent shape. The steam road roller has about outlived its usefulness and a new one should be purchased at once to meet the needs of the department. The thirteen watering carts have been examined by the agents of the makers, thoroughly repaired or rebuilt where necessary, the tires of the wheels reset, all repainted, and are now practically as good as new. Requests for brick sidewalks and edgestones have not been as numerous as in recent years; more attention should be paid to this work and such streets as Main and Salem should have curbing on both sides and brick or granolithic laid on at least one of their sidewalks. The bridges with one exception are in a fair state of preser-

vation. It will be necessary to close Auburn street bridge before the completion of the new Union bridge to be constructed by the Metropolitan Park Commission. It is now dangerous for anything except light travel.

The collection of house offal has so increased that an additional team will be required during the coming year. The contract for the sale of the swill collected was awarded to Mrs. Mary P. C. Cummings, Woburn, for \$1,400 as against \$1,200 the preceding year. Four bids were received, her bid being the highest. Five hundred fifty-eight cords of house offal were collected.

The trees on many of the public streets have been destroyed by gas escaping from defective mains. Washington, Spring and Myrtle streets are the worst sufferers. Professor George E. Stone of the State College at Amherst has made a careful investigation throughout the city of the trees affected by gas and made a report. The gas company was notified and has barred for leaks practically the whole city and wherever defects have been found they have been remedied.

A detailed statement of the work of the department follows.

Respectfully submitted,

JOHN D. DWYER,

In charge of Street Department.

Following is a list of the streets upon which work has been done during 1905, the cost of labor and teaming, also materials used.

| | | ALBION STREET. | |
|------------------------------|---|----------------|--------|
| Patching : | | | |
| Labor | . | . | \$0 75 |
| Teaming | . | . | 75 |
| | | | ————— |
| | | | \$1 50 |
| 1 single load crushed stone. | | | |

ALLSTON STREET.

| | | | |
|----------------------------------|--------|--|--------|
| Patching : | | | |
| Labor | \$0 75 | | |
| Teaming | 75 | | |
| | <hr/> | | \$1 50 |
| 4 double loads of crushed stone. | | | |
| 1 single load of crushed stone. | | | |

BOSTON AVENUE.

| | | | |
|---------------------------------|---------|--|---------|
| Repairing drain : | | | |
| Labor | \$19 25 | | |
| Teaming | 1 50 | | |
| | <hr/> | | \$20 75 |
| Bricks, cement and 6-inch pipe. | | | |

BOSTON AVENUE CORNER OF WINTHROP STREET.

| | | | |
|------------------------|--------|--|---------|
| Labor | \$8 50 | | |
| Teaming | 4 50 | | |
| | <hr/> | | \$13 00 |
| 1 double load of sand. | | | |
| 800 paving blocks. | | | |
| 21 feet curbing. | | | |

| | | | |
|-----------------------------------|---------|--|---------|
| Patching : | | | |
| Labor | \$22 00 | | |
| Teaming | 12 00 | | |
| Roller | 12 00 | | |
| | <hr/> | | \$46 00 |
| 1 double load of crushed stone. | | | |
| 31 single loads of crushed stone. | | | |
| 5 double loads of gravel. | | | |

BRADSHAW STREET.

| | | | |
|-----------------|--------|--|--------|
| Drain : | | | |
| Labor | \$7 50 | | \$7 50 |

BROOKINGS STREET.

Patching :

| | |
|-------------------|--------|
| Labor | \$8 00 |
| Teaming | 10 50 |

 \$18 50

10 double loads of crushed stone.

4 single loads of crushed stone.

BROOKS STREET.

Patching :

| | |
|-------------------|--------|
| Labor | \$2 75 |
| Teaming | 1 50 |

 \$4 25

1 double load of crushed stone.

2 single loads of crushed stone.

CATCH BASINS.

Cleaning :

| | |
|-------------------|----------|
| Labor | \$823 25 |
| Teaming | 109 50 |

 \$932 75

CENTRAL AVENUE.

Macadam :

| | |
|-------------------|----------|
| Labor | \$592 00 |
| Teaming | 141 00 |
| Roller | 102 00 |

 \$835 00

83 double loads of crushed stone.

9 single loads of crushed stone.

33 double loads of cinders.

148 double loads of ballast.

3 single loads of ballast.

576 double loads of gravel.

32 single loads of gravel.

COURT STREET.

| | | | |
|----------------------------|--|---------|----------|
| Building extension : | | | |
| Labor | | \$74 25 | |
| Teaming | | 33 00 | |
| Roller | | 18 00 | |
| | | <hr/> | \$125 25 |
| 78 double loads of gravel. | | | |
| 12 double loads of sand. | | | |

CROSS STREET.

| | | | |
|---------------------------------|--|--------|--------|
| Patching : | | | |
| Labor | | \$0 75 | |
| Teaming | | 75 | |
| | | <hr/> | \$1 50 |
| 1 single load of crushed stone. | | | |

ELM STREET GRAVEL PIT.

| | | | |
|-------------------|--|----------|----------|
| Labor | | \$733 00 | |
| Teaming | | 28 50 | |
| | | <hr/> | \$761 50 |

EMERSON STREET.

| | | | |
|---------------------------------|--|--------|---------|
| Patching : | | | |
| Labor | | \$8 00 | |
| Teaming | | 3 00 | |
| | | <hr/> | \$11 00 |
| 1 double load of crushed stone. | | | |

EVERETT STREET.

| | | | |
|-----------------------------------|--|---------|----------|
| Patching : | | | |
| Labor | | \$77 50 | |
| Teaming | | 30 00 | |
| Roller | | 6 00 | |
| | | <hr/> | \$113 50 |
| 9 double loads of crushed stone. | | | |
| 11 single loads of crushed stone. | | | |
| 16 double loads of gravel. | | | |

FIFTH STREET.

| | | |
|--------------------|---------|---------|
| Paving : | | |
| Labor | \$12 38 | |
| Teaming | 75 | |
| | <hr/> | \$13 13 |
| 260 square blocks. | | |

FOUNTAIN STREET.

| | | |
|------------------|---------|---------|
| Drain : | | |
| Labor | \$20 00 | \$20 00 |
| 1 bag of cement. | | |

FULTON STREET.

| | | |
|-----------------------------------|----------|----------|
| Resurfacing : | | |
| Labor | \$161 75 | |
| Teaming | 34 50 | |
| Roller | 18 00 | |
| | <hr/> | \$214 25 |
| 83 double loads of gravel. | | |
| 36 double loads of crushed stone. | | |
| 2 single loads of gravel. | | |

FOREST STREET.

| | | |
|-----------------------------------|---------|----------|
| Patching : | | |
| Labor | \$89 00 | |
| Teaming | 69 00 | |
| Roller | 12 00 | |
| | <hr/> | \$170 00 |
| 59 double loads of crushed stone. | | |
| 25 single loads of crushed stone. | | |

GOVERNORS AVENUE.

| | | |
|------------------------|---------|---------|
| Trimming bushes : | | |
| Labor | \$12 00 | \$12 00 |
| Cleaning drain : | | |
| Labor | \$8 00 | \$8 00 |
| 8 feet of 4-inch pipe. | | |

HARVARD STREET.

Patching :

| | | |
|-------------------|--------|--------|
| Labor | \$1 00 | |
| Teaming | 1 50 | |
| | <hr/> | \$2 50 |

2 single loads of crushed stone.

HIGH STREET.

Patching :

| | | |
|-------------------|---------|---------|
| Labor | \$20 75 | |
| Teaming | 49 00 | |
| Roller | 6 00 | |
| | <hr/> | \$75 75 |

14 double loads of crushed stone.

8 single loads of crushed stone.

20 single loads of gravel.

INSPECTING CATCHBASINS.

| | | |
|-----------------|---------|---------|
| Labor | \$28 75 | \$28 75 |
|-----------------|---------|---------|

INSPECTING STREETS AND SIDEWALKS.

| | | |
|-----------------|---------|---------|
| Labor | \$13 50 | \$13 50 |
|-----------------|---------|---------|

LEONARD PARK.

| | | |
|-------------------|----------|----------|
| Labor | \$157 00 | |
| Teaming | 3 00 | |
| | <hr/> | \$160 00 |

486 single loads of filling.

355 double loads of gravel.

10 single loads of gravel.

6 double loads of ballast.

LEYDEN STREET.

Filling :

10 single loads of filling.

MAGOUN AVENUE.

Repairing drain :

| | | |
|-------------------|--------|--------|
| Labor | \$3 00 | |
| Teaming | 1 50 | |
| | <hr/> | \$4 50 |

MAIN STREET.

Resurfacing :

| | | |
|------------------|----------|----------|
| Labor | \$181 75 | |
| Teaming. | 81 00 | |
| Roller | 69 00 | |
| | <hr/> | \$331 75 |

102 double loads of crushed stone.
 79 single loads of crushed stone.
 14 single loads of gravel.
 5 double loads of gravel.

Patching :

| | | |
|-------------------|----------|----------|
| Labor | \$127 75 | |
| Teaming | 82 50 | |
| | <hr/> | \$210 25 |

89 double loads of crushed stone.
 27 single loads of crushed stone.

MEDFORD STREET.

Patching :

| | | |
|-------------------|--------|--------|
| Labor | \$1 00 | |
| Teaming | 75 | |
| | <hr/> | \$1 75 |

1 double load of crushed stone.

MEDFORD SQUARE.

Patching :

| | | |
|----------------------------------|--------|--------|
| Teaming | \$1 50 | \$1 50 |
| 2 double loads of crushed stone. | | |

MIDDLESEX AVENUE.

Macadam :

| | | |
|-------------------|----------|------------|
| Labor | \$703 06 | |
| Teaming | 262 50 | |
| Roller | 210 00 | |
| | <hr/> | \$1,175 56 |

65 double loads of gravel.
 165 double loads of crushed stone.
 382 single loads of crushed stone.

Paving gutters :

| | | |
|-------------------|---------|---------|
| Labor | \$49 25 | |
| Teaming | 12 00 | |
| | <hr/> | \$61 25 |

7 single loads of sand.
 1570 square blocks of paving.
 16 single loads of cobble paving.

MIDDLESEX AVENUE DUMP.

| | | |
|-------------------|---------|----------|
| Labor | \$87 00 | |
| Teaming | 130 50 | |
| | <hr/> | \$217 50 |

127 double loads of crushed stone.

MYRTLE STREET.

Patching :

| | | |
|-------------------|--------|--------|
| Labor | \$4 00 | |
| Teaming | 3 00 | |
| | <hr/> | \$7 00 |

4 double loads of crushed stone.

MYSTIC AVENUE.

Patching :

| | | |
|-------------------|---------|---------|
| Labor | \$30 25 | |
| Teaming | 23 25 | |
| | <hr/> | \$53 50 |

33 double loads of crushed stone.
 2 single loads of crushed stone.

MYSTIC STREET.

Patching :

| | | |
|---------------------------------|--------|--------|
| Labor | \$0 75 | |
| Teaming | 75 | |
| | <hr/> | \$1 50 |
| 1 double load of crushed stone. | | |
| 1 single load of crushed stone. | | |

PARK STREET.

Drain :

| | | |
|-----------------|--------|--------|
| Labor | \$9 00 | \$9 00 |
|-----------------|--------|--------|

Patching :

| | | |
|-------------------|----------|----------|
| Labor | \$111 25 | |
| Teaming | 45 75 | |
| | <hr/> | \$157 00 |

49 single loads of crushed stone.

13 double loads of cinders.

4 single loads of cinders.

2 double loads of ballast.

PEARL STREET (FINISHED).

Macadam :

| | | |
|-----------------------------------|----------|----------|
| Labor | \$125 25 | |
| Teaming | 54 00 | |
| Roller | 51 00 | |
| | <hr/> | \$230 25 |
| 78 double loads of crushed stone. | | |
| 22 double loads of gravel. | | |

PLAYSTEAD ROAD.

Grading :

| | | |
|------------------------------|------------|------------|
| Labor | \$2,697 29 | |
| Teaming | 447 75 | |
| Roller | 30 00 | |
| | <hr/> | \$3,175 04 |
| 819 single loads of filling. | | |
| 33 double loads of filling. | | |

RIVERSIDE AVENUE.

| | | | |
|----------------------------------|---------|-------|---------|
| Paving : | | | |
| Labor | \$16 50 | | \$16 50 |
| Patching : | | | |
| Labor | \$7 00 | | |
| Teaming | 7 50 | | |
| | | <hr/> | \$14 50 |
| 7 double loads of crushed stone. | | | |

SALEM STREET.

| | | | |
|-----------------------------------|----------|-------|----------|
| Culvert : | | | |
| Labor | \$45 75 | | |
| Teaming | 3 00 | | |
| | | <hr/> | \$48 75 |
| 1 load of sand. | | | |
| 1 load of bridge stone. | | | |
| Resurfacing : | | | |
| Labor | \$15 00 | | |
| Teaming | 6 00 | | |
| Roller | 15 00 | | |
| | | <hr/> | \$36 00 |
| 7 double loads of crushed stone. | | | |
| 6 double loads of gravel. | | | |
| Patching : | | | |
| Labor | \$151 50 | | |
| Teaming | 91 25 | | |
| Roller | 18 00 | | |
| | | <hr/> | \$260 75 |
| 67 double loads of crushed stone. | | | |
| 93 single loads of crushed stone. | | | |
| 11 single loads of gravel. | | | |

SECTION WORK.

| | | |
|-----------------|------------|------------|
| Labor | \$3,984 75 | \$3,984 75 |
|-----------------|------------|------------|

SHIP AVENUE.

Grading :

| | | |
|-----------------------------|---------|----------|
| Labor | \$58 75 | |
| Teaming | 37 13 | |
| Roller | 6 00 | |
| | <hr/> | \$101 88 |
| 17 double loads of ballast. | | |
| 17 single loads of ballast. | | |

REPAIRING SIDEWALKS.

| | | |
|-----------------------------------|----------|----------|
| Labor | \$126 89 | |
| Teaming | 70 50 | |
| | <hr/> | \$197 39 |
| 52 double loads of crushed stone. | | |
| 8 double loads of cinders. | | |
| 9 single loads of cinders. | | |
| 15 single loads of sand. | | |
| 4 single loads of gravel. | | |

SIXTH STREET.

Drain :

| | | |
|-----------------|--------|--------|
| Labor | \$4 00 | \$4 00 |
|-----------------|--------|--------|

SOUTH STREET.

Cleaning drain :

| | | |
|-----------------|---------|---------|
| Labor | \$12 00 | \$12 00 |
|-----------------|---------|---------|

SPRING STREET.

Patching :

| | | |
|---------------------------------|--------|--------|
| Labor | \$0 75 | |
| Teaming | 75 | |
| | <hr/> | \$1 50 |
| 1 single load of crushed stone. | | |

STABLE.

Care of :

| | | |
|-----------------|------------|------------|
| Labor | \$1,495 48 | \$1,495 48 |
|-----------------|------------|------------|

STREETS.

Cleaning :

| | | |
|-------------------|------------|------------|
| Labor | \$1,831 22 | |
| Teaming | 450 88 | |
| | <hr/> | \$2,281 10 |

TERRACE ROAD AND CREST ROAD.

Paving :

| | | |
|-------------------|----------|----------|
| Labor | \$131 62 | |
| Teaming | 20 25 | |
| | <hr/> | \$151 87 |

- 2,180 paving blocks.
- 460 square blocks.
- 4 double loads of cobble stones.
- 15 single loads of cobble stones.
- 43 single loads of gravel.
- 4 single loads of sand.
- 12 double loads of crushed stone.

TOOLS.

Care of :

| | | |
|-----------------|----------|----------|
| Labor | \$857 35 | \$857 35 |
|-----------------|----------|----------|

UNION STREET.

Resurfacing :

| | | |
|-------------------|----------|----------|
| Labor | \$168 00 | |
| Teaming | 66 00 | |
| Roller | 24 00 | |
| | <hr/> | \$258 00 |

- 29 double loads of crushed stone.
- 7 single loads of crushed stone.
- 64 double loads of gravel.
- 10 double loads of screening.

USHER ROAD.

Grading :

| | |
|-----------------|---------|
| Labor | \$99 50 |
|-----------------|---------|

| | | |
|-----------------------------|---------|----------|
| Teaming | \$13 50 | |
| Roller | 6 00 | |
| | <hr/> | \$119 00 |
| 13 double loads of ballast. | | |
| 8 single loads of ballast. | | |
| 4 double loads of gravel. | | |

VALLEY STREET LEDGE.

| | | |
|-------------------|----------|----------|
| Labor | \$754 77 | |
| Teaming | 22 50 | |
| | <hr/> | \$777 27 |

WARREN STREET.

| | | |
|-------------------------|---------|---------|
| Drain : | | |
| Labor | \$18 00 | \$18 00 |
| 10 feet of 6-inch pipe. | | |
| Cement. | | |

WALNUT STREET.

| | | |
|----------------------------------|---------|---------|
| Patching : | | |
| Labor | \$14 00 | |
| Teaming | 6 00 | |
| Roller | 12 00 | |
| | <hr/> | \$32 00 |
| 8 double loads of crushed stone. | | |

WASHINGTON STREET.

| | | |
|---------------------------------|--------|--------|
| Grading : | | |
| Labor | \$1 25 | |
| Roller | 3 00 | |
| | <hr/> | \$4 25 |
| Patching : | | |
| Labor | \$0 75 | |
| Teaming | 75 | |
| | <hr/> | \$1 50 |
| 1 single load of crushed stone. | | |

WATER STREET.

| | |
|--------------------------|--|
| Patching : | |
| 1 single load of gravel. | |

WEBSTER STREET.

| | | |
|---------------------------------|--------|--------|
| Patching: | | |
| Teaming | \$1 50 | \$1 50 |
| 1 double load of crushed stone. | | |

WELLINGTON DUMP.

| | | |
|-----------------------------------|--------|---------|
| Labor | \$6 00 | |
| Teaming | 9 00 | |
| | <hr/> | \$15 00 |
| 12 double loads of crushed stone. | | |

WINTHROP STREET.

| | | |
|-------------------|--------|--------|
| Grading sidewalk: | | |
| Labor | \$2 00 | \$2 00 |
| Cleaning drain: | | |
| Labor | \$9 50 | |
| Teaming | 38 | |
| | <hr/> | \$9 88 |

Resurfacing:
 186 double loads of crushed stone.
 86 single loads of crushed stone.

| | | |
|-----------------------------------|---------|---------|
| Patching: | | |
| Labor | \$31 50 | |
| Teaming | 22 00 | |
| Roller | 12 00 | |
| | <hr/> | \$65 50 |
| 19 double loads of crushed stone. | | |
| 1 double load of gravel. | | |

WINTHROP STREET LEDGE.

| | | |
|------------------------------------|------------|------------|
| Labor | \$3,435 02 | |
| Teaming | 292 50 | |
| | <hr/> | \$3,727 52 |
| 175 double loads of crushed stone. | | |
| 97 single loads of crushed stone. | | |

WINCHESTER STREET.

Patching:

| | | |
|----------------------------------|-----------------|---------|
| Labor | \$9 00 | |
| Teaming | 3 75 | |
| | <u> </u> | \$12 75 |
| 2 double loads of crushed stone. | | |
| 2 single loads of crushed stone. | | |

WOBURN STREET.

Patching:

| | | |
|----------------------------------|-----------------|--------|
| Labor | \$0 75 | |
| Teaming | 75 | |
| | <u> </u> | \$1 50 |
| 7 double loads of crushed stone. | | |
| 1 single load of crushed stone. | | |

YALE STREET DUMP.

| | | |
|-----------------------------------|-----------------|---------|
| Labor | \$24 00 | |
| Teaming | 18 00 | |
| | <u> </u> | \$42 00 |
| 28 double loads of crushed stone. | | |

AUBURN STREET AND BRIDGE.

| | | |
|-------------------------|------------|------------|
| Appropriation | \$9,000 00 | |
| Balance | | \$9,000 00 |

BOW STREET REPAIRS.

Under order No. 5265 we have repaired Bow street.

| | | |
|-------------------------|-----------------|---------|
| Appropriation | \$500 00 | |
| Pay-roll | \$465 06 | |
| Invoices | 15 | |
| | <u> </u> | 465 21 |
| Balance | | \$34 79 |

BRIDGES.

| | | |
|-------------------------|---------|---------------|
| Appropriation | | \$200 00 |
| Pay-roll | \$93 00 | |
| Invoices | 41 56 | |
| | <hr/> | 134 56 |
| Balance | | <hr/> \$65 44 |

CARE OF TREES.

| | | |
|-------------------------|----------|---------------|
| Appropriation | | \$300 00 |
| Pay-roll | \$191 65 | |
| Invoices | 38 15 | |
| | <hr/> | 229 80 |
| Balance | | <hr/> \$70 20 |

CITY STABLES.

| | | |
|--------------------|----------|------------|
| Pay-roll | \$587 44 | |
| Invoices | 561 82 | |
| | <hr/> | \$1,149 26 |

COLLECTION OF ASHES.

| | | |
|---------------------------------|------------|------------------|
| Appropriation | | \$4,500 00 |
| Miscellaneous credits | | 18 00 |
| | | <hr/> \$4,518 00 |
| Pay-roll | \$3,973 82 | |
| Invoices | 543 37 | |
| | <hr/> | 4,517 19 |
| Balance | | <hr/> \$0 81 |

LOADS OF ASHES REMOVED EACH MONTH.

| 1905. | Double loads. | Single loads. |
|--------------------|---------------|---------------|
| January | 129 | 813 |
| February | 108 | 712 |
| March | 151 | 767 |
| April | 117 | 658 |

| 1905. | Double loads. | Single loads. |
|---------------------|---------------|---------------|
| May | 44 | 622 |
| June | 44 | 513 |
| July | 50 | 422 |
| August | 7 | 398 |
| September | | 421 |
| October | | 599 |
| November | | 818 |
| December | | 873 |
| | 650 | 7,616 |

Collected during year 1905: 650 double loads of ashes;
7,616 single loads of ashes.

COLLECTION OF HOUSE OFFAL.

| | |
|-------------------------------------|------------|
| Appropriation | \$4,500 00 |
| Credit from sale of offal | 1,416 67 |
| | \$5,916 67 |
| Pay-roll | \$4,729 49 |
| Invoices | 705 30 |
| | 5,434 79 |
| Balance | \$481 88 |

FOREST STREET WIDENING.

| | |
|-------------------------|------------|
| Appropriation | \$1,200 00 |
| Balance | \$1,200 00 |

GENERAL REPAIRS OF HIGHWAYS.

| | |
|---|-------------|
| Balance from 1904 | \$813 05 |
| Appropriation | 8,000 00 |
| Street railway franchise—part | 18,923 80 |
| Miscellaneous credits | 4,344 58 |
| | \$32,081 43 |

| | | |
|--------------------|-------------------|-------------------------------|
| Pay-roll | \$19,456 64 | |
| Invoices | 11,719 11 | |
| | <u> </u> | \$31,175 75 |
| Balance | | <u> </u> \$905 68 |

GEORGE STREET DRAIN.

| | |
|-------------------------|------------|
| Appropriation | \$1,075 00 |
| Balance | \$1,075 00 |

GOVERNORS AVENUE DRAIN.

| | | |
|-------------------------|-------------------|---------------------------------|
| Appropriation | \$1,700 00 | |
| Pay-roll | \$0 30 | |
| Invoices | 316 41 | |
| | <u> </u> | 316 71 |
| Balance | | <u> </u> \$1,383 29 |

GUIDE BOARDS AND STREET SIGNS.

| | | |
|-------------------------|-------------------|------------------------------|
| Appropriation | \$250 00 | |
| Pay-roll | \$10 00 | |
| Invoices | 145 18 | |
| | <u> </u> | 155 18 |
| Balance | | <u> </u> \$94 82 |

GYPSY AND BROWN-TAIL MOTHS.

| | | |
|---------------------------------|-------------------|---------------------------------|
| Appropriations | \$8,750 00 | |
| Balance from 1904 | 3,052 32 | |
| Miscellaneous credits | 97 26 | |
| | <u> </u> | \$11,899 58 |
| Pay-roll | \$14,155 46 | |
| Invoices | 2,512 82 | |
| | <u> </u> | 16,668 28 |
| Overdrawn | | <u> </u> \$4,768 70 |

HIGH STREET.

| | | |
|-------------------|--------------------|------------|
| Balance from 1904 | | \$5,846 16 |
| Appropriation | | 2,143 24 |
| | | <hr/> |
| | | \$7,989 40 |
| Pay-roll | \$151 05 | |
| Invoices | 7,838 35 | |
| | | <hr/> |
| | | \$7,989 40 |

HIGH STREET WIDENING.

| | | |
|---------------|----------------------|------------|
| Appropriation | | \$2,300 00 |
| Invoice | \$2,300 00 | |

PAVING GUTTERS.

| | | |
|---------------|-----------|----------|
| Appropriation | | \$500 00 |
| Pay-roll | | 320 29 |
| | | <hr/> |
| Balance | | \$179 71 |

REMOVAL OF SNOW.

| | | |
|---|----------------------|------------|
| Appropriation | | \$2,000 00 |
| Transferred from Commonwealth of Massachusetts Railroad Tax | | 1,774 02 |
| | | <hr/> |
| | | \$3,774 02 |
| Pay-roll | \$2,798 16 | |
| Invoices | 113 89 | |
| | | <hr/> |
| | | 2,912 05 |
| | | <hr/> |
| Balance | | \$861 97 |

SIDEWALKS AND EDGESTONES.

| | | |
|-------------------|-----------|------------|
| Appropriation | | \$3,000 00 |
| Balance from 1904 | | 2,246 60 |
| Assessments | | 217 28 |
| | | <hr/> |
| | | \$5,463 88 |

| | | |
|---|----------|---------------------|
| Pay-roll | \$476 73 | |
| Invoices | 1,575 56 | |
| Abatements and apportionments | 115 54 | |
| | <hr/> | \$2,167 83 |
| Balance | | <hr/> \$3,296 05 |

STREET NUMBERING.

| | |
|-------------------------|---------|
| Appropriation | \$50 00 |
| Pay-roll | 32 46 |
| | <hr/> |
| Balance | \$17 54 |

STREET WATERING.

| | |
|-----------------------------|------------|
| Appropriation | \$500 00 |
| Balance from 1904 | 708 83 |
| Assessments | 6,758 25 |
| Watering cart | 75 00 |
| | <hr/> |
| | \$8,042 08 |
| Pay-roll | \$804 61 |
| Invoices | 6,137 13 |
| Abatements | 10 16 |
| | <hr/> |
| | 6,951 90 |
| | <hr/> |
| Balance | \$1,090 18 |

Contractors :

| | |
|-------------------------------|----------|
| Booth, Charles | \$346 00 |
| Brogan, James | 400 00 |
| Clark & Co., J. M. | 465 78 |
| Connors, Garrett | 404 50 |
| Dussault, J. Eugene | 400 00 |
| Dwyer, J. F. | 400 00 |
| Hardy, C. A. | 400 00 |
| Kennedy, A. H. | 452 25 |
| Lenox, William H. | 400 00 |

| | | |
|-------------------|-------|------------------|
| Mulkerin, J. J. | . . . | \$442 00 |
| Nestor, Jerry | . . . | 400 00 |
| Reynolds, Patrick | . . . | 400 00 |
| | | <hr/> \$4,910 53 |

TAINTER STREET DRAIN.

Under order No. 4620, a drain has been constructed in the Tainter street district.

| | | |
|-----------------------|-----------|----------------|
| Appropriation | | \$300 00 |
| Miscellaneous credits | | 4 74 |
| | | <hr/> \$304 74 |
| Pay-roll | | \$158 41 |
| Invoices | | 146 33 |
| | | <hr/> \$304 74 |

USHER ROAD EXTENSION.

| | | |
|---------------|-----------|------------|
| Appropriation | | \$1,152 25 |
| Balance | | \$1,152 25 |

WOBURN STREET DISTRICT DRAIN.

Under order No. 2839a, there has been constructed a drain in the Woburn street district.

| | | |
|----------------|-----------|------------------|
| Appropriations | | \$3,850 00 |
| Pay-roll | | \$2,196 95 |
| Invoices | | 1,653 05 |
| | | <hr/> \$3,850 00 |

PERMITS.

Permits to the number of 406, an increase of 53 over the number issued last year, have been issued this year for the opening and occupying of streets.

| | | |
|---------------------------------------|-----------|-----|
| New England Telephone & Telegraph Co. | | 126 |
| Malden & Melrose Gas Light Co. | | 195 |
| Malden Electric Light Co. | | 4 |
| Medford Water Department | | 49 |

REPORT OF STREET COMMISSIONER.

455

| | | | | | | | |
|-------------------------|---|---|---|---|---|---|-------|
| Moving buildings | . | . | . | . | . | . | 2 |
| Trimming trees | . | . | . | . | . | . | 1 |
| Blasting | . | . | . | . | . | . | 4 |
| Obtaining crushed stone | . | . | . | . | . | . | 4 |
| Obstructing streets | . | . | . | . | . | . | 8 |
| Hanging flag | . | . | . | . | . | . | 1 |
| Erecting canopy | . | . | . | . | . | . | 1 |
| Opening streets | . | . | . | . | . | . | 10 |
| Warren Brothers | . | . | . | . | . | . | 1 |
| | | | | | | | <hr/> |
| | | | | | | | 406 |

GOVERNMENT
OF THE
CITY OF MEDFORD.

March 21, 1906.

MAYOR.

HON. MICHAEL F. DWYER, 9 South street.

Term expires first Monday in January, 1907.

MAYOR'S CLERK.

RICHARD J. DWYER, 9 South street.

BOARD OF ALDERMEN.

| | | |
|--------------------------|--------|----------------------|
| * GEORGE P. NASON, | Ward 1 | 10 Garfield avenue. |
| JAMES D. HALEY, | " 1 | 83 Otis street. |
| PHILIP SCOTT, | " 1 | 457 Salem street. |
| * HERBERT F. STAPLES, | " 2 | 146 Salem street. |
| JOHN W. ENWRIGHT, | " 2 | 48 Fellsway West. |
| AMOS M. ROBERTS, | " 2 | 13 Cudworth street. |
| * HARRY HIGHLEY, | " 3 | 11 Powder House rd. |
| WILLIAM E. CROSBY, | " 3 | 153 Allston street. |
| CHARLES B. GLEASON, | " 3 | 375 High street. |
| * FREDD H. THOMAS | " 4 | 27 Emerson street. |
| LAWRENCE E. FITZPATRICK, | " 4 | 2 Union street. |
| THOMAS H. SMITH, | " 4 | 78 Brookings street. |
| * HENRY STERLING, | " 5 | 574A Main street. |
| DEXTER B. BLENKHORN, | " 5 | 9 Liberty avenue |
| CHARLES H. BROWN, | " 5 | 30 Wareham street. |
| * CUTHBERT H. LOWELL, | " 6 | 32 Irving street. |

* Elected at large.

| | | | |
|-----------------------|---|---|-----------------------|
| HERVEY A. HANSCOM, | " | 6 | 55 Monument street. |
| SETH B. WETTERBEE, | " | 6 | 175 Adams street. |
| * CLIFFORD M. BREWER, | " | 7 | 75 Magoun avenue. |
| HERBERT A. WEITZ, | " | 7 | 73 Spring street. |
| GEORGE A. WELLINGTON, | " | 7 | 578 Riverside avenue. |

* Elected at large.

Clerk.

ALLSTON P. JOYCE, 11 Edison avenue.
(Who is also the City Clerk.)

Clerk of Committees.

EDWARD W. MITCHELL, Playstead road.

SCHOOL COMMITTEE.

Hon. Michael F. Dwyer, Mayor, *Ex-Officio*.

Members at Large.

| | | |
|---------------------------------------|-------|----------------|
| Rosewell B. Lawrence, <i>Chairman</i> | . | Term exp. 1908 |
| 31 Salem street. | | |
| Charles N. Jones, <i>Clerk</i> | . . . | Term exp. 1907 |
| 352 Salem street. | | |
| Hon. William C. Wait | . . . | Term exp. 1909 |
| 194 Forest street. | | |

Members from Wards.

| | | |
|---|-----------|----------------|
| <i>Ward 1.</i> Amanda H. Plummer (Mrs. J. M. G.) | | Term exp. 1907 |
| 36 Lawrence Street. | | |
| <i>Ward 2.</i> George E. Davenport | | Term exp. 1907 |
| 67 Fellsway West. | | |
| <i>Ward 3.</i> Sidney Gleason | | Term exp. 1909 |
| 121 High street. | | |

| | |
|--|----------------|
| <i>Ward 4.</i> Clara T. Guild (Mrs.) . . . | Term exp. 1909 |
| 31 College avenue. | |
| <i>Ward 5.</i> George S. T. Fuller . . . | Term exp. 1908 |
| 7 Alfred street. | |
| <i>Ward 6.</i> William H. Couch . . . | Term exp. 1907 |
| 104 Jerome street, West Medford. | |
| <i>Ward 7.</i> Henry L. Cornell . . . | Term exp. 1908 |
| 202 Middlesex avenue, Wellington. | |

Superintendent of Schools.

Charles H. Morss.

OFFICE: — HIGH SCHOOL, FOREST STREET.

Office open: 8 to 1, 3 to 5 every school day. 8 to 12 Saturdays.

CITY OFFICERS AND BOARDS.

| | |
|---|----------------------|
| <i>City Clerk</i> | Allston P. Joyce |
| <i>City Treasurer</i> | Parker R. Litchfield |
| <i>City Collector</i> | Edward W. Hayes |
| <i>City Auditor</i> | George D. Cummings |
| <i>City Solicitor</i> | John F. Libby |
| <i>City Engineer</i> | Edward P. Byrne |
| <i>City Physician</i> | Patrick F. Gahan |
| <i>City Messenger</i> | James B. Simpson |
| <i>Street Commissioner</i> | |
| <i>Inspector of Buildings</i> | Calvin H. Clark |
| <i>Inspector of Plumbing</i> | Charles A. Phillips |
| <i>Inspector of Wires</i> | George E. Dunklee |
| <i>Scaler of Weights and Measures</i> | Winslow Joyce |
| <i>Inspector of Milk and Vinegar</i> | Winslow Joyce |
| <i>Inspector of Animals and Provisions,</i> | Harrie W. Peirce |

BOARD OF ASSESSORS.

| | | |
|-----------------------------------|---------|----------------|
| Henry Withington, <i>Chairman</i> | . . . | Term exp. 1907 |
| Edward S. Randall | | Term exp. 1908 |
| Myron G. Curtis | | Term exp. 1906 |
| Anna B. Archibald, <i>Clerk.</i> | | |

BOARD OF HEALTH.

| | | |
|---|---------|----------------|
| George W. Mills, M. D., <i>Chairman</i> | . . . | Term exp. 1908 |
| J. Walter Bean, M. D. | | Term exp. 1909 |
| Frederick R. Ilsley, M. D. | . . . | Term exp. 1907 |
| William P. Clark | | Term exp. 1910 |
| Alvin R. Reed, <i>Clerk.</i> | | |

OVERSEERS OF THE POOR.

| | | |
|----------------------------------|---------|----------------|
| Calvin H. Clark, <i>Chairman</i> | . . . | Term exp. 1905 |
| John Crowley | | Term exp. 1909 |
| John W. Bragdon | | Term exp. 1907 |
| Edward W. Hayes, <i>Clerk.</i> | | |

PARK COMMISSIONERS.

| | | |
|-----------------------------------|---------|----------------|
| George O. Foster, <i>Chairman</i> | . . . | Term exp. 1907 |
| Wilton B. Fay | | Term exp. 1908 |
| Rosewell B. Lawrence | | Term exp. 1910 |
| Daniel W. Bedell | | Term exp. 1911 |
| Irwin O. Wright | | Term exp. 1909 |
| Alvin R. Reed, <i>Clerk.</i> | | |

COMMISSIONERS OF SINKING FUNDS.

| | | |
|--------------------------------------|---------|----------------|
| Samuel C. Lawrence, <i>Chairman</i> | . . . | Term exp. 1908 |
| Lewis H. Lovering | | Term exp. 1908 |
| Daniel W. Lawrence, <i>Treasurer</i> | . . . | Term exp. 1909 |
| William Cushing Wait | | Term exp. 1909 |
| Everard I. Langell, <i>Secretary</i> | . . . | Term exp. 1907 |
| Norwood P. Hallowell | | Term exp. 1907 |

WATER AND SEWER COMMISSIONERS.

| | |
|-------------------------------|----------------|
| Allison M. Stickney | Term exp. 1907 |
| Charles W. Enright | Term exp. 1908 |
| Frank G. Grady | Term exp. 1909 |

Fred L. Cushing, *Water Registrar.*

Orville J. Whitney, *Superintendent.*

TRUSTEES OF CEMETERIES.

| | |
|--|----------------|
| Eben F. Roberts, <i>Chairman</i> | Term exp. 1908 |
| Barker B. Howard | Term exp. 1909 |
| Oscar F. Allen | Term exp. 1907 |

Allston P. Joyce, *Clerk.*

TRUSTEES OF PUBLIC LIBRARY.

| | |
|---|----------------|
| Samuel C. Lawrence, <i>Chairman</i> | Term exp. 1908 |
| Charles H. Morss | Term exp. 1907 |
| Henry C. DeLong | Term exp. 1909 |

REGISTRARS OF VOTERS.

| | |
|------------------------------------|-----------------------|
| Barker B. Howard, <i>Chairman,</i> | Term exp. May 1, 1907 |
| John F. Reagan | Term exp. May 1, 1906 |
| William F. Leahy | Term exp. May 1, 1908 |

Allston P. Joyce, *City Clerk, ex-officio.*

ENGINEERS OF FIRE DEPARTMENT.

Charles E. Bacon, *Chief.*

Jude C. Clark, *First Assistant.*

Frank O. Waterman, *Second Assistant.*

 POLICE.

Emery D. Holmes, *Chief.* William G. Ewell, *Sergeant.*

MEETINGS.

Board of Aldermen. Alternate Tuesdays at 8 o'clock P.M., beginning January 9.

School Committee. Second and Fourth Mondays in each month, at the School Committee Room, High School, Forest street, at 7.30 o'clock P.M.

Water and Sewer Commissioners. First and Third Wednesday of each month, at 7.30 o'clock P.M., at room 2, No. 13 High street.

Trustees of Cemeteries. Second and Fourth Mondays of each month, at 7.30 o'clock P.M., at City Hall.

Overseers of the Poor. Second and last Wednesdays of each month, at 7.30 o'clock P.M., at No. 13 High street.

Board of Health. Last Friday of each month, at 8 o'clock P.M., at room 6, No. 13 High street.

Park Commissioners. Fourth Thursday of each month, at 7.30 o'clock P.M., at No. 13 High street.

Office hours of Street Commissioner and Inspector of Buildings, 8 to 9 o'clock A.M.

Office hours of Inspector of Plumbing, 8 to 9 o'clock A.M., and 1 to 2 o'clock P.M.

 CHAPTER 156.

COMMONWEALTH OF MASSACHUSETTS.

In the Year One Thousand Nine Hundred and Six.

An Act to change the financial year of the City of Medford.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows :

Section 1. Section twenty-nine of chapter three hundred and forty-five of the acts of the year nineteen hundred and three is hereby amended by striking out the word "Mon-

day", in the seventh line, and inserting in the place thereof the word:—*day*,— so as to read as follows:

Section 29. The mayor shall cause to be made to him in the month of January of each year by the heads of departments, and by all other officers and boards having authority to expend money, detailed estimates of the amounts deemed by them to be necessary for their respective departments for the financial year, which shall begin on the first *day* of January; and he shall, not later than the tenth day of February, transmit such estimates to the board of aldermen, recommending such appropriations for each department or purpose as he shall deem necessary therefor.

Section 2. This act shall take effect upon its passage.

March 12, 1906.

Approved: CURTIS GUILD, Jr.

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