



MEDFORD HISTORICAL SOCIETY AND MUSEUM

10 Governors Avenue, Medford, MA 02155

www.medfordhistorical.org

CITY OF MEDFORD.

THE MAYOR'S ADDRESS

TO THE

BOARD OF ALDERMEN,

JANUARY 1, 1917.

THE

CITY GOVERNMENT,

THE

FINANCIAL STATEMENTS,

AND THE

ANNUAL REPORTS,

FOR THE YEAR

1916

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No 2814



**Medford
Historical Society.**

PRESENTED BY

*City of Medford
June 1917*

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MEDFORD HISTORICAL SOCIETY.

ac. 28/42

CITY OF MEDFORD

THE MAYOR'S ADDRESS

TO THE

Board of Aldermen, January 1, 1917

THE CITY GOVERNMENT
THE FINANCIAL STATEMENTS

AND THE

ANNUAL REPORTS

FOR THE YEAR OF

1916

Published by the City Auditor, as Directed by the Mayor

MEDFORD
Medford Mercury Print
1917

Note from the Medford Historical Society and Museum regarding the scans of this volume:

The original 1916 book was, unfortunately, rather poorly printed, resulting in many pages with blurry type, faint type, and spotty "artifacts" from other pages as the result of original pages with still-wet ink being stacked on other freshly printed pages.

So many spots and dirty and distorted text also made the process of converting the scanned pages into searchable text more difficult, and the results are not always as clear as they could be.

We apologize for the condition of these scans, but the amount of hand-work required to clean up these pages would have been an extremely daunting task.



Benjamin J. Haines,
ca

MEDFORD HISTORICAL SOCIETY.

cc. 2814.

MEDFORD HISTORICAL SOCIETY.

no. 28/4.

SECOND INAUGURAL ADDRESS

OF

HON. BENJAMIN F. HAINES

MAYOR OF MEDFORD

DELIVERED

January First, Nineteen Hundred Seventeen

For the great trust and confidence that the citizens of Medford have shown by once more electing me to the office of chief executive of our city, I am sincerely proud and deeply grateful. The magnificent majority which I received demonstrates that the projects which I have furthered, and the work which I have started and projected, have met with the approval of the voting strength of Medford. Inspired by this wonderful showing of trust and confidence, and by this splendid endorsement, I will, if possible, more energetically than ever, endeavor to place Medford in the forefront of all municipalities of this Commonwealth, and give to our beloved city, a clean, progressive administration. It will ever be in my mind that when the voice of the people was heard, appreciation of earnest endeavor was the keynote of success.

As mayor of the City of Medford, I stand unpledged to any party, faction or interest, having in mind only our city's welfare. I shall continue, as in the past, a business-like, non-partisan administration. The verdict of the last election is as pleasing to me as it is to the people. The incident is closed, the decision was conclusive. You were selected to aid, to assist and to co-operate with me in furthering those policies which I have ever advocated for the good and best interests of our people, and which have been approved and endorsed at our last election.

Any divergence from a loyal support of these measures becomes a breach of faith and will be met with severe and well merited rebuke, when the opportunity offers. The recent vicious campaign instigated by enemies of the City of Medford, intoxicated with hatred, and hysterical in their attempt to dominate and to obstruct our interests, is over. Still there may be some remnants even in the board of aldermen of that obstructive and destructive policy, prompted by vicious, revengeful and selfish motives. In the future, as in the past, time always is at hand when the people in their indignation and wrath will arise and place a tablet to inefficiency and prejudice over the political graves of those who seek to injure our best interests and to hold back the hands of time. Realizing then, that the voice of the people has been heard in no indistinct tones, let us work in harmony for the good and welfare of our city.

I believe that you should be economical, but not penurious, always with the best interests of all at heart.

On September 26, 1916, one of our ablest citizens and most untiring workers for the public good of the City of Medford, passed into the great beyond, Richard J. Dwyer, who served the City of Medford faithfully and well through many long years in public office—a man of wonderful

knowledge, great sagacity, unbounded resourcefulness, and with all a warm-hearted, broad-minded, red-blooded man, whose place seems impossible to fill. Certain I am that no man in Medford will ever be more conversant with her past and present and more hopeful of her future.

Peace to the just man's memory,—let it grow,
Greener with years, and blossom through the flight
Of ages; let the mimic canvas show
His calm benevolent features; let the light
Stream on his deeds of love, that shunned the sight
Of all but heaven, and, in the book of fame,
The glorious record of his virtues write,
And hold it up to men, and bid them claim
A palm like his, and catch from him the hallowed flame.

Of late there has been much discussion in regard to the tax rate, and it seems at this time fitting to inform you that in all probability, since we have been obliged to expend such vast sums of money on improvements, it will be difficult to better the situation. Still more money must be expended to place us where we belong among other cities in the Commonwealth. These improvements, so long delayed, come upon us with an insistence which cannot be denied. We must have the best of schools for our children, the best of streets, the best of sidewalks, and our safety and health must be preserved by efficient, up-to-date police and fire departments and a board of health with absolute powers. The city must be well lighted and money must be expended upon the parks to make them useful as well as ornamental. These improvements, so necessary for the happiness, contentment, well being, safety and health of our people, can only be obtained by increased expenditures. The high cost of living dominates the entire country in relation to the individual and each and every municipality is affected by the same increased cost of maintenance. No

city can be governed or conducted on hard and fast business lines, and it is never intended that we should grind out wealth from our improvements at the awful cost of human minds and souls and happiness. The intent of the citizens as voiced by giving Saturday half-holidays, two weeks' vacation, pensions to the firemen, policemen and city employees is to conduct this municipality under ideal and humane conditions, rather than as a private money-making corporation. I feel sure that the lead which the municipalities of the Commonwealth of Massachusetts have taken, in passing the Workmen's Compensation Act, which takes care of the injury of any laborer employed by the city, the Mothers' Pension Act, which in time will do away with foundling asylums and poor houses, and allow the children to be brought up at home with a mother's love and affection; the Laborer's, Police, Firemen's Pension Acts, with the laborer's vacation and Saturday half-holidays and with the acts calling for public dispensaries and tubercular hospitals will soon be followed by private business corporations which will find it for the best interests to see to it that humane conditions exist.

Our city is growing. Our citizens demand a wider scope of municipal service every day. The cost of carrying on the business of the city has increased with the increased operating costs of other business. Supplies are higher—hay, grain, coal, cement, iron, gasoline, material of all kinds have advanced in price. Labor is higher, men work fewer hours; Saturdays are but half a day and time must be allowed for vacations. Policemen and firemen demand and receive a fair wage and the higher cost of living demands consideration.

WATER AND SEWER DEPARTMENT.

For the first time in recent years, this department is well equipped, up-to-date, and run on a 20th century business basis. Great and good results are best attained in a city by taking care of a pure supply of water and providing modern sanitation. This department has been conducted in a most efficient manner, and where unpopularity once reigned supreme, the public are now made to feel that their every complaint will be heard and considered fairly and justly.

OVERSEERS OF THE POOR.

When, through my work in the legislature, there was passed to be enacted the legislation known as the Widow's Pension Bill, I considered that cities such as ours would be relieved of responsibilities of almshouses and public poor, even though bringing up children in their own homes with their own mothers would be at an advanced cost. Great good is being accomplished, but our city has been of such rapid growth, that we find it necessary, year after year, to increase our expenditures in this department. I find the work done by the overseers to be in conformance with the most modern, up-to-date methods, and I commend them highly for this year's curtailment of expenditures.

PARK DEPARTMENT.

Our parks are in excellent condition, under the management of a most efficient body of men who give unsparingly of their time for the good and welfare of our people. It is a pleasure to commend them to you for appreciation. This year we have been able to lay out baseball diamonds and football fields in the various parks, and have had equip-

ment for our younger children in the way of swings, slides, seesaws and other apparatus, and we can view with pride hundreds of children who daily take advantage of these outdoor breathing places so necessary to the health of our children in these days of congested growth.

GYPSY AND BROWN-TAIL MOTH DEPARTMENT.

Less money has been spent in this department than in previous years and the policy of economy has not impaired its efficiency. The work has been thorough, scientific, and great results have been accomplished, so that we can now feel sure that at least we have these dangerous pests under absolute control.

CITY PHYSICIAN.

Our city physician has been ever alert to the call of the poor and to the preservation of our public health. At all places, all times and under all circumstances, he has shown great devotion to the city's welfare. In Dr. Edward W. Barrett, we have an experienced physician as a servant whose place it will be difficult to fill.

BOARD OF HEALTH.

The quick, effective work of our active board of health has met every emergency. Great praise is due them for the excellent results in handling the epidemic of infantile paralysis, which so alarmed us in the summer and early fall. The board is awake to a broad scope of action and is constantly increasing its careful oversight of the health of our city. Modern, up-to-date, thorough and efficient, their standing in the Commonwealth does much to further Medford's reputation, as a city, healthful and wholesome in which to live.

CEMETERY DEPARTMENT.

This department, composed as it is, of new members, has met the various difficulties and emergencies as they have arisen, free from traditions of the past, and have already placed their department on a paying basis. Here I desire to inform the public that upon a thorough examination into the conditions which existed in this department, under the previous administrations, I am convinced that the cemetery trustees of the years 1913 and 1914 were without blame for the loss of the city's funds and I shall, with the consent of the board of aldermen, ask that the cases brought against them be dismissed.

SCHOOL DEPARTMENT.

In this department, I have co-operated with every good improvement to raise the standard of our public schools. I have sacrificed many projects which seemed essential, in order that the Hancock, the Osgood, and the new Junior High School might be constructed. More than any city in the Commonwealth are we under great expense for the education of our children. The cost of proper education is the largest and most important item in our municipal expenses. It is an ever increasing burden, and under the present system, there seems to be no possible solution of this great problem. It can plainly be seen that, with an increased number of school rooms, more teachers must be employed. While education is the most important factor in municipal life and in the development of citizenship in any community, still a more equitable distribution of the expenses for the support of the schools should be obtained.

A solution of this problem is an equalization of the

cost of school and educational purposes throughout the state, so that a city situated as is the City of Medford, with a large school population, can be aided by the distribution of the proposed state school fund.

Year after year, a bill of this nature has been presented to the legislature and it has been my ambition to aid in the passing of this measure, the adoption of which will mean the saving of many thousands of dollars to the City of Medford and a probable decrease in our tax rate. This year it seems more probable than ever that a legislative act of this kind will be enacted.

THE PUBLIC LIBRARY.

The public library is next in importance to the schools and the work done by the trustees has been thoroughly satisfactory to the administration and to the citizens of our city.

CITY ENGINEER'S DEPARTMENT.

This department has accomplished greater results this year than ever before and now seems to be well equipped to carry on the work, and to stride, side by side, with our great and certain growth.

FIRE DEPARTMENT.

We have expanded and grown in this department, both in equipment, in new men and in added efficiency. The system, however, is one where improvement is necessary and where great results may well be accomplished.

POLICE DEPARTMENT.

The police department, as re-organized, is an efficient force for public safety and is now doing splendid work under the leadership of Chief John F. Welch.

HIGHWAY DEPARTMENT.

My re-organization of this department requiring as it did so much of my personal attention gave me a most advantageous knowledge of its work. Every citizen is aware of the great improvements in the way of street building, sidewalk construction and curbing. This constructive policy must be continued. We need more streets, more curbing, more sidewalks, and the old work needs repairing. We are building roads of a superior quality; we are laying granolithic sidewalks; we are doing away with concrete and brick, and I look forward to the time when every street in the city will be paved and properly constructed and from the Malden line, the Winchester line, the Arlington line and the Somerville line will be perfect roads, well curbed together with sidewalks fringed with beautiful trees, all well and thoroughly lighted with an up-to-date lighting system. I am not an enthusiastic believer of building majestic boulevards or driveways for the purpose of beautifying, or for automobile pleasure driving, but I do insist on good sidewalks, good drainage, and streets so constructed as to be a credit to our municipality, and I am certain from observation and experience that the valuation is greatly increased by the proper attention to these matters.

ELECTRIC WIRES AND GAS FITTING.

We have accomplished wonders in this department in the last year, placing many of our wires under-ground so

that before this year passes into history, the telegraph and telephone poles will be removed from our main streets, and all wires will be placed in conduits. Our old and dangerous fire and police signal service has been rebuilt, and is now in a safe and efficient condition.

ASSESSING DEPARTMENT.

I am not yet satisfied with the policy of the assessors of the City of Medford. Two new members have been appointed and I hope that their year's experience will be a benefit to the city in obtaining for them a wider and deeper knowledge of values and that they will encourage the up-building of our city rather than discourage by endeavors to change valuations. There is still too much courtesy paid to the large property holder, and too little consideration paid to the poor and needy. I shall insist upon a fairer basis of valuation, which must show no favoritism or friendship, and must be free from personal interest or advantage. It is perhaps unfair to criticise a board so recently familiarized with its duties, for I have great hopes of their work in the right direction during this year.

In accordance with my policy for the selection of public officials the question of the appointment of the city collector, city treasurer and city auditor is one of the most pleasing duties I am called upon to perform. These men are thoroughly efficient, absolutely honest, always courteous, and I feel that Medford is indeed blessed in having in public office, men so well suited to fill their various positions.

GAS AND ELECTRICITY.

It is my intention, with the help of the board of aldermen, to compel a decrease in the price of gas for the City

of Medford. Nowhere in the Commonwealth of Massachusetts has such an injustice been shown to the citizens of any city in the price of illumination under similar circumstances, and the condition demands action which must compel justice.

CITY PURCHASING AGENT.

After many months of hard and bitter contention, by the will of the people of the City of Medford, it has been made possible that we should appoint a purchasing agent for our benefit. Before such appointment can be made, however, it will be necessary to pass an ordinance defining the salary of the purchasing agent, and the limitations of his office. Inasmuch as the board of aldermen, just retiring, has seen fit to add in the neighborhood of \$10,000 to the salary list, I advocate with timidity an added salary which will increase appreciably our tax rate. However, at an early moment, I will ask the board to give this matter serious consideration.

SIXTH CLASS LICENSES.

For the first time in the history of Medford, we have taken a firm and decisive stand against the sale of intoxicating liquors within the confines of our city. Threats and promises were of no avail as against the desire of the board of aldermen to restrict what in many instances were little better than open, licensed bar-rooms under the name of drug stores. It is fair to say that most of the men in the drug business complied absolutely with the law and conducted legitimate business transactions. However, the city is now free of this blot upon the fair name of Medford and the privilege must never again be granted.

The citizens of the City of Medford have placed upon you the responsibility of co-operating with an administration which they have endorsed. It will be time for you to turn against the administration when the people who elected you advise you so to do. But harken well, lest you have listened to the voice of false prophets. The great, silent sentiment of our people is expressed at the polls, not on the street corners or in club rooms, and they have spoken in unqualified terms and their decision demands that you approach your duties in the spirit of firmness and earnestness and without personal prejudice or animosity.

There is a very much greater question involved than the success of our administration. Mayors may come and mayors may go, but Medford must go on forever. The individual is transitory and soon forgotten but those ideals and principles for which we stand must never die and must always be in the forefront of our endeavor.

You must work with me and fighting together, overcoming all obstructions, we will go onward and forward and make of Medford, that city of which our forefathers dreamed, one of the greatest, most beautiful, happy and contented, up-to-date, wide-awake cities in this grand, old Commonwealth.

To that end we are elected, and that good we must accomplish.

MEDFORD HISTORICAL SOCIETY.

ac. 28/4.

FINANCIAL STATEMENT

The following is the financial statement of the City of Medford,
January 1, 1917:!

The notes outstanding were issued for the following purposes:—

| | | |
|---|-------------|--------------|
| Nos. 35 and 36. Water Construction | \$15,000 00 | |
| No. 37. Land on George Street..... | 7,000 00 | |
| No. 38. Fence, Cemetery Dept..... | \$1,500 00 | |
| Book Stack and Equipment..... | 3,500 00 | 5,000 00 |
| Nos. 39A and 39B. Repairs, Painting, etc. (School Dept.) | | 7,500 00 |
| Nos. 40A and 40B. Sidewalks and Edgestones..... | | 7,000 00 |
| No. 41. Tufts Park | \$1,700 00 | |
| Foot-bridge | 3,500 00 | |
| Middlesex Avenue Bridge Assessment | 5,600 00 | 10,800 00 |
| No. 42. Touro Avenue | \$1,450 00 | |
| Tufts Park | 3,750 00 | |
| Fire Alarm Box | 150 00 | |
| Arlington Street District Drain, Basin and Drain in Lawrence Street | 700 00 | |
| Basin and Drain in Crescent Street | 720 00 | |
| James Schoolhouse Addition..... | 313 00 | |
| Fence, Swan Schoolhouse | 192 00 | |
| Gypsy and Brown Tail Moths..... | 3,000 00 | |
| | | 12,000 00 |
| No. 43. Gypsy and Brown Tail Moths..... | | 1,939 30 |
| No. 44. Vault Fittings | \$800 00 | |
| Cemetery Brook | 200 00 | |
| Changing Wires at Central Station | 300 00 | |
| | | 1,300 00 |
| No. 45. Governors Avenue | | 12,000 00 |
| Nos. 51 to 62. Land adjoining High School Lot.. | | 12,000 00 |
| No. 63. Concrete Sidewalks | | 4,500 00 |
| No. 64. Steam Road Roller | | 3,000 00 |
| No. 65. Middlesex Avenue Bridge Assessment..... | | 8,000 00 |
| No. 68. Gypsy and Brown Tail Moths..... | | 10,000 00 |
| Nos. 78 to 82. Sidewalks and Edgestones..... | | 2,500 00 |
| Nos. 91 to 95. Sidewalks and Edgestones..... | | 6,200 00 |
| No. 96. Repairing Schoolhouses..... | | 2,000 00 |
| No. 97. Sidewalks and Edgestones..... | | 1,000 00 |
| Amount carried forward | | \$128,739 30 |

| | | |
|--|------------|------------------|
| Amount brought forward..... | | \$128,739 30 |
| No. 98. Street Drains, Cart Sheds, Winthrop Street and Highland Avenue | | 3,000 00 |
| No. 99. Quincy Street..... | | 1,500 00 |
| No. 100. Claims: Settlement of suit of Sullivan vs. City of Medford..... | | 5,000 00 |
| No. 101. Gypsy and Brown Tail Moths..... | | 10,000 00 |
| No. 102. Gypsy and Brown Tail Moths..... | | 5,000 00 |
| No. 104. Middlesex Avenue Bridge Assessment..... | | 8,000 00 |
| No. 105. Middlesex Avenue Bridge Assessment..... | | 8,000 00 |
| No. 107. Safe and Equipping Vault..... | | 1,100 00 |
| No. 109. Magoun Avenue and Pembroke Street Drain..... | | 1,200 00 |
| Nos. 118 to 123. Fire and Police Signal Boxes, Garage, Heating Plant | | 3,000 00 |
| Nos. 124 and 125. Sidewalks and Edgestones..... | | 6,000 00 |
| Nos. 126 to 129. Ladder Motor Truck..... | \$5,500 00 | |
| Chassis..... | 3,500 00 | |
| Fourth Street..... | 3,500 00 | |
| Fourth Street Sidewalk | 1,300 00 | |
| | | <u>13,800 00</u> |
| Nos. 133 and 134. Insurance..... | | 2,000 00 |
| No. 135. Land Adjoining High School | | |
| Lot | \$2,200 00 | |
| Schoolhouses and Land | 4,100 00 | |
| Paint, Blacksmith and Carpenter Shop | 2,500 00 | |
| Boiler | 1,200 00 | |
| | | <u>10,000 00</u> |
| Nos. 3 to 10. Original Construction of Streets..... | | 4,800 00 |
| Nos. 3 to 10. High School Equipment..... | | 2,500 00 |
| Nos. 3 to 5. Farragut Avenue and Cherry Street (Side- walks and Edgestone acct.)..... | | 1,500 00 |
| Nos. 3 to 10. Wellington Road (Original construction of streets account) | | 4,000 00 |
| Nos. 1 to 35. Sidewalk Loan | | <u>35,000 00</u> |
| Total debt for which notes have been issued..... | | \$254,139 30 |

The bonded debt of the city consists of:—

| | |
|--|------------------|
| City Hall, Act of 1913..... | \$200,000 00 |
| Junior High School..... | 125,000 00 |
| Water Fund Bonds | 133,000 00 |
| Public Building Loan | 115,000 00 |
| Sewerage Loan | 313,000 00 |
| Municipal Loan | 333,000 00 |
| School Loan of 1912 | 165,000 00 |
| Public Playground Loan | 43,000 00 |
| Park Loan | 32,000 00 |
| Lincoln Schoolhouse Loan | 45,000 00 |
| Metropolitan Park Assessment Loan..... | 27,000 00 |
| City Stable Loan | 15,000 00 |
| Schoolhouse Improvement Loan | 14,000 00 |
| Schoolhouse Loan of 1908 | 95,000 00 |
| School Loan of 1911 | <u>58,000 00</u> |

Amount carried forward\$1,713,000 00 \$254,139 30

MAYOR'S ADDRESS

17

| | | |
|---|----------------|-----------------------|
| Amount brought forward..... | \$1,713,000 00 | \$254,139 30 |
| School Loan of 1912 | 16,000 00 | |
| Sidewalks and Edgestones | 10,600 00 | |
| Surface Drainage Loan | 29,000 00 | |
| Drainage Loan of 1912 | 1,500 00 | |
| Fire Station Loan | 9,600 00 | |
| High School Addition | 34,000 00 | |
| High School Original Equipment | 15,000 00 | |
| Departmental Equipment | 25,000 00 | |
| Original Construction of Streets | 13,600 00 | |
| Playstead Road | 600 00 | |
| Fulton Heights Schoolhouse | 2,000 00 | |
| Hancock Avenue Schoolhouse | 50,250 00 | |
| Forest Street | 10,400 00 | |
| Playground (Act 1914) | 18,300 00 | |
| Extreme Emergency | 1,500 00 | |
| Junior High Schoolhouse | 65,000 00 | |
| Osgood Schoolhouse | 25,000 00 | |
| Playground Equipment | 2,500 00 | |
| Police Dept. Equipment | 3,850 00 | |
| Drainage Loan 1916 | 10,000 00 | |
| Street Loan | 29,000 00 | |
| Street Construction | 9,600 00 | |
| Total Bonded Debt | | <u>\$2,095,300 00</u> |
| Total debt for which bonds or notes have been issued..... | | <u>\$2,349,439 30</u> |

The advance report of the Commissioners states the condition of the Sinking Funds as of December 19, 1916, as follows:—

| | |
|---|-----------------------|
| Water | \$154,981 29 |
| Public Buildings | 115,000 00 |
| Sewerage | 174,845 08 |
| Public Playgrounds | 7,832 22 |
| Park | 32,000 00 |
| Metropolitan Park Assessment | 13,318 04 |
| Schoolhouse Improvement | 5,641 66 |
| City Stable | 9,289 10 |
| Schoolhouse of 1908 | 36,914 13 |
| Lincoln Schoolhouse | 30,752 65 |
| Municipal | 296,157 15 |
| City Notes | 129,215 10 |
| | <u>\$1,005,946 42</u> |
| Leaving our net debt Jan. 1, 1917 | \$1,343,492 88 |
| The net debt Jan. 1, 1916 was..... | 895,620 33 |
| An increase since Jan. 1, 1916 of | <u>447,872 55</u> |

| | | |
|--|--------------|-------------|
| Bonds and notes were issued in 1916 amounting to | \$553,950 00 | |
| Bonds and notes were paid in 1916..... | 127,800 00 | |
| | <hr/> | |
| Increase in securities issued | 426,150 00 | |
| The Sinking Funds decreased | 21,722 55 | |
| | <hr/> | |
| Increase in the gross debt | 447,872 55 | |
| Add amount authorized but not yet issued... | 35,800 00 | |
| | <hr/> | |
| And the gross debt will have increased..... | \$483,672 55 | |
| | | |
| The report of the Commissioners of Sinking Funds also gives the total of the Trust Funds as..... | | \$16,056 74 |
| | | |
| And the Perpetual Care Fund as..... | | \$42,798 92 |

MEDFORD HISTORICAL SOCIETY.

ae. 28/4.

Report of the City Auditor.

Medford, January 1, 1917.

Hon. Benjamin F. Haines, 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 Jan. 1, 1916 was.. | \$ | 42,614 | 53 |
| The receipts from Jan. 1 to Dec. 31, were.... | | 2,019,591 | 11 |
| | | <hr/> | |
| | | \$2,062,205 | 64 |
| Sixty-nine drafts have been drawn on the treasury, amounting to..... | | 1,863,351 | 91 |
| | | <hr/> | |
| The cash in the treasury as shown by the books of this office on January 1, 1917 is | | \$198,853 | 73 |

Certificates have been received at this office showing the amounts on deposit at the close of business Jan. 15, 1917, as follows:

| | |
|--|--------------|
| In National Shawmut Bank | \$12,357. 89 |
| In Tremont Trust Co. | 51,741 84 |
| In Medford Trust Co. | 23,168 66 |
| By actual count the cash in the treasury was | 164 81 |
| Bonds and coupons held as cash | 29,076 00 |
| | <hr/> |
| | \$116,509.20 |
| Deduct outstanding checks on Medford Trust Co. | 691 80 |
| | <hr/> |
| True cash balance Jan. 15, 1917 | \$115,817 40 |
| | <hr/> <hr/> |
| The Auditor's books show that the cash in the Treasury, Jan. 1, 1917 was | \$198,853 73 |
| Deduct items paid Nos. 1 to 24 inclusive, also No. 38 as found on drafts Nos. 1 and 2 amounting to | 83,036 33 |
| | <hr/> |
| Balance at close of business on Monday, Jan. 15, 1917 | 115,817 40 |
| | <hr/> <hr/> |

The detailed statement of the receipts and expenditures of the City for the past year is as follows :

RECEIPTS

From January 1 to December 31, 1916, inclusive.

Armory

Received from:

| | |
|---|----------|
| Commonwealth of Massachusetts, rent and maintenance of 3rd class armory, 1 year to Dec. 1, 1915 | \$900 00 |
|---|----------|

Ashes

Received from:

| | |
|---|----------|
| Henry Risman, gleanings from dump | \$576 00 |
|---|----------|

Assessors' Expenses.

Received from:

| | |
|---|--------|
| City Treasurer, amount of bill disallowed ... | \$1 00 |
|---|--------|

Bonds

Received from:

| | |
|---|-------------|
| Old Colony Trust Co., face value of Extreme Emergency bonds | \$ 2,000 00 |
| Old Colony Trust Co., face value of Surface drainage bonds | 2,000 00 |
| Tremont Trust Co., face value of Surface drainage bonds | 11,000 00 |
| Tremont Trust Co., face value of City Hall bonds | 200,000 00 |
| Tremont Trust Co., face value of Osgood School bonds | 25,000 00 |
| Tremont Trust Co., face value of Original Construction of Streets bonds | 29,000 00 |
| Tremont Trust Co., face value of Junior High School bonds | 125,000 00 |

| | |
|--|--------------|
| Tremont Trust Co., face value of Hancock Avenue Schoolhouse bonds..... | \$ 5,000 00 |
| Tremont Trust Co., face value of Departmental Equipment bonds | 14,000 00 |
| Tremont Trust Co., face value of Sewerage bonds | 15,000 00 |
| Tremont Trust Co., face value of Surface Drainage bonds | 10,000 00 |
| Tremont Trust Co., face value of Police Department Equipment bonds | 3,850 00 |
| Tremont Trust Co., face value of Playground Equipment bonds | 2,500 00 |
| Estabrook & Co., face value of Junior High School bonds | 65,000 00 |
| Estabrook & Co., face value of Street Construction bonds | 9,600 00 |
| | <hr/> |
| | \$518,950 00 |

Care of Cemeteries

Received from:

| | |
|---|------------|
| Edward W. Mitchell, Superintendent, care, interments, extra work, etc. | \$1,230 09 |
| Commissioners of Sinking Funds, income from Perpetual Care Fund for 1915 | 1,552 74 |
| Edward W. Hayes, City Collector, plants, care, extra work, etc. | 1,166 30 |
| Sundry Persons, sale of lots | 2,786 40 |
| Sundry Persons, sale of single graves | 1,959 00 |
| | <hr/> |
| | \$8,694 53 |

Collection of House Offal

Received from:

| | |
|------------------------------------|------------|
| Mary P. C. Cummings, garbage | \$2,400 00 |
|------------------------------------|------------|

Contagious Diseases

Received from:

| | |
|---|----------|
| Commonwealth of Massachusetts, board and care | \$180 43 |
| City of Boston, board and care | 146 00 |
| City of Everett, board and care | 170 71 |
| Town of Arlington, board and care | 192 14 |
| | <hr/> |
| | \$689 28 |

City Clerk's Department

Received from:

| | |
|---|---------|
| Macey-Stetson-Morris Co., rebate on freight charges | \$2 00 |
| City Treasurer, amount of bill disallowed ... | 1 00 |
| Printing and Advertising Ordinances Account, amount of bill erroneously charged | 22 19 |
| | <hr/> |
| | \$25 19 |

City Home

Received from:

| | |
|--|----------|
| City of Everett, board of inmate | \$260 00 |
| Edward Gowing, Superintendent, sale of produce | 108 04 |
| Wm. N. Curtis, produce | 3 75 |
| Felix Center, junk | 7 00 |
| Somerville City Home, currants | 1 00 |
| Lillian M. Sheldon, apples | 3 00 |
| J. Freeman, live stock | 55 00 |
| Chas. A. Schofield & Son, second hand mower | 5 00 |
| | <hr/> |
| | \$442 79 |

Sundry Accounts of City Collector.

Received from Edward W. Hayes, City Collector:

| | |
|---|--------------|
| Taxes of 1916, real estate..... | \$371,132 93 |
| Taxes of 1916, personal | 61,581 96 |
| Taxes of 1916, poll | 11,774 00 |
| Taxes of previous years | 207,321 69 |
| December taxes | 5,758 08 |
| Sewer connections | 3,749 08 |
| Sewer connections, added to taxes | 3,666 61 |
| Sewer connections, apportioned | 1,331 09 |
| Sewer connections, apportioned, paid in advance | 256 36 |
| Sewer assessments | 8,395 11 |
| Sewer apportionments | 2,659 07 |
| Sewer apportionments paid in advance | 389 84 |
| Sidewalk applications | 1,133 83 |
| Sidewalk assessments | 1,891 78 |
| Sidewalk apportionments | 1,113 69 |
| Sidewalk apportionments paid in advance | 48 22 |
| Water connections | 4,145 95 |
| Gypsy and Brown Tail Moth Assessments | 1,100 14 |
| Watering Assessment | 15,623 95 |
| Betterments | 3,822 46 |
| Betterments, apportioned | 624 10 |
| Betterments apportioned paid in advance | 138 55 |
| Water service | 88,428 10 |
| Water service, Frederick B. Witherly, junk.. | 25 88 |

Engineering Department Expenses.

Received from:

| | |
|--|------------|
| Medford Water and Sewer Department, labor and carfares | \$1,032 92 |
| Medford Highway Department, labor and carfares | 1,755 75 |
| | <hr/> |
| | \$2,788 67 |

Estates Bought at Sale for Taxes

Received from:

| | |
|---|------------|
| Mary Bryden, release of tax title | \$ 13 37 |
| Ella J. Batchelder, release of tax title | 832 97 |
| Henry Risman, release of tax title | 63 33 |
| Patrick J. Sullivan, release of tax title..... | 20 56 |
| Lester P. Winchenbaugh, release of tax title | 50 10 |
| Joseph Cohen, release of tax title | 3 06 |
| Linus C. Coggan, release of tax title | 168 39 |
| | <hr/> |
| | \$1,151 78 |

Forest Street

Received from:

| | |
|--|----------|
| Medford Sidewalks and Edgestones account, amount of payroll | \$ 58 89 |
|--|----------|

Gypsy and Brown Tail Moths.

Received from:

| | |
|--|----------|
| J. J. Lavine, lead | \$ 3 50 |
| James H. Jones, labor, lead, etc..... | 2 70 |
| Medford Cemetery Dept., labor, lead, etc., ... | 121 00 |
| Medford Park Dept., moth work | 33 28 |
| Medford School Dept., moth work | 12 16 |
| Medford Water and Sewer Dept., spraying about Wright's pond | 190 00 |
| | <hr/> |
| | \$362 64 |

General Expenses School Dept.

Received from:

| | |
|--------------------------------|----------|
| Hermon C. Bumpus, tuition..... | \$ 50 00 |
| Seymour Hudgens, tuition | 25 00 |

| | |
|--|------------|
| City of Boston, tuition of wards..... | \$ 60 75 |
| Commonwealth of Massachusetts, tuition of state wards | 1,242 75 |
| City Treasurer, amount erroneously entered on draft No. 43 | 13 80 |
| City Treasurer, amount of duplicate bill of American Seating Co. | 7 00 |
| | <hr/> |
| | \$1,399 30 |

Guide Boards and Street Signs.

Received from :

| | |
|--|---------|
| Medford Gravel Sidewalks account, part of payroll | \$32 54 |
| Medford Original Construction of Streets new street signs | 32 27 |
| | <hr/> |
| | \$64 81 |

General Repairs of Highways

Received from :

| | |
|---|-------------|
| Commonwealth of Massachusetts, Street Rail- way Tax | \$11,224 69 |
| Bay State Street Ry Co., excise tax (Sec. 47, part 3, Chap. 490, Acts of 1909) | 352 81 |
| Marr Bros. & Stewart Co., crushed stone | 279 39 |
| Charles R. Gow Co., crushed stone | 11 00 |
| Fred T. Ley & Co., Inc., crushed stone | 2 78 |
| William Lenox, crushed stone | 1 19 |
| George Robinson, crushed stone | 2 63 |
| Michael McKeon, crushed stone..... | 6 00 |
| Frank S. Gilkey, crushed stone | 1 66 |
| James Simpson, crushed stone | 3 56 |
| Mrs. Joseph DeCamp, crushed stone | 1 50 |
| A. C. Green, crushed stone, | 8 25 |
| M. M. Dyer, crushed stone | 121 09 |

RECEIPTS

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| | |
|---|----------|
| L. G. Bragdon, crushed stone..... | \$ 16 49 |
| John H. Byron, crushed stone..... | 12 71 |
| John Donoghue, crushed stone | 4 10 |
| James F. Hannah, crushed stone | 3 28 |
| William C. Wilson, crushed stone | 5 91 |
| A. C. Judkins, crushed stone | 4 50 |
| J. O'Connor, crushed stone | 2 50 |
| Carolyn R. Lawrence, crushed stone | 1 09 |
| Herbert Kelley, crushed stone | 3 00 |
| Page & Curtin, crushed stone..... | 8 19 |
| Percy Brayton, crushed stone..... | 3 13 |
| L. L. Green, crushed stone..... | 2 50 |
| R. D. Glawson, crushed stone..... | 4 50 |
| M. E. O'Brien, crushed stone..... | 3 94 |
| A. G. Spaulding, crushed stone..... | 1 88 |
| Medford Ice Co., crushed stone..... | 3 45 |
| New England Brick Co., on account of cul- vert, Riverside Avenue..... | 49 50 |
| W. S. Cash, labor and tarred stone..... | 5 50 |
| B. Fill, old rubber..... | 9 26 |
| Henry A. Gaffney, gasoline..... | 33 98 |
| George Center, old tires and tubes..... | 15 09 |
| George D. Cummings, paving stones..... | 1 00 |
| Wm. H. Brewster, horse, harness and buggy. | 100 00 |
| Peter C. Brooks, tarred stone..... | 3 00 |
| Vito Zerza, cement, stone and sand..... | 48 00 |
| Employers' Liability Assurance Corp., on ac- count of damage to truck..... | 48 00 |

Sundry Medford accounts for labor, teaming, supplies, etc. :

| | |
|--|--------|
| Health Department, gasoline, care of team, shoeing | 388 98 |
| Police Department, gasoline | 284 76 |
| Cemetery Department, use of roller, teaming, shoeing | 38 50 |
| Water and Sewer Department, use of roller, sharpening tools | 176 19 |

| | |
|--|----------|
| City Clerk's Department, labor and use of team | \$ 36 34 |
| Hancock Avenue School House, cinders, pipe, labor, edgestones, etc. | 603 35 |
| Ashes, teaming | 2,630 54 |
| Collection of house offal, teaming..... | 1,737 67 |
| School Department, labor at Lincoln school-house | 15 00 |
| Election expenses, labor..... | 3 94 |
| Original construction of streets, labor, teaming, etc. | 1,614 28 |
| Grading playgrounds, loam..... | 33 50 |
| Executive Department, gasoline, rolling ground at Women's clubhouse..... | 66 12 |
| Surface drains, teaming..... | 340 55 |
| Gravel sidewalks, use of team..... | 23 62 |
| Sidewalks and edgestones, teaming..... | 2,087 48 |
| Departmental equipment, sand, cement, stone and teaming for scales..... | 171 75 |
| Forest street, lantern wicks..... | 10 |
| Water and Sewer Department, crushed stone, | 93 44 |
| Cemetery Department, crushed stone..... | 29 82 |
| Sidewalks and edgestones, crushed stone..... | 1,238 76 |
| Original construction of streets, crushed stone | 2,971 21 |
| Hancock Ave. schoolhouse, crushed stone.... | 237 42 |
| Surface drains, crushed stone..... | 157 50 |

\$27,391 87

Health Dept. Expenses.

Received from:

| | |
|--|----------|
| County of Middlesex, reimbursement on account of insane cases..... | \$291 20 |
| W. J. McClellan, open buggy..... | 25 00 |
| Cradoek Garage, refund of transportation charge | 15 00 |

\$331 20

High Schoolhouse Addition.

Received from:

| | |
|--|--------|
| American Seating Co., refund of over payment | \$7 00 |
|--|--------|

Income from Trust Funds.

Received from:

| | |
|--|------------|
| Commissioners of Sinking Funds, income for year ending Nov. 1, 1916..... | \$ 715 12 |
| Medford Savings Bank, income for year 1916, Bradbury Fund | 454 58 |
| | <hr/> |
| | \$1,169 70 |

Infantile Paralysis.

Received from:

| | |
|--|---------|
| Frank Volturno, board, care, ambulance service | \$97 15 |
|--|---------|

Interest.

Received from:

| | |
|---|------------|
| National Shawmut Bank, on deposits (Treasurer) | \$1,528 88 |
| National Shawmut Bank, on deposits (Collector) | 274 58 |
| Medford Trust Co., on deposits (Collector) .. | 291 04 |
| Medford Trust Co., on deposits (Treasurer) .. | 803 38 |
| Tremont Trust Co., on deposits (Treasurer) .. | 1,741 84 |
| Merchants National Bank, on deposits (Collector) | 6 01 |
| Fourth Atlantic National Bank, on deposits (Collector) | 12 52 |
| Old Colony Trust Co., accrued interest on bonds purchased | 25 33 |

| | |
|--|------------|
| Tremont Trust Co., accrued interest on bonds purchased | \$2,564 43 |
| Estabrook & Co., accrued interest on bonds purchased | 323 18 |
| Mary Bryden, release of tax title..... | 53 |
| Ella J. Batchelder, release of tax title..... | 113 33 |
| Henry Risman, release of tax title..... | 22 97 |
| Patrick J. Sullivan, release of tax title..... | 3 36 |
| Lester P. Winchenbaugh, release of tax title. | 6 07 |
| Linus C. Coggin, release of tax title..... | 4 48 |

Edward W. Hayes, Collector, on the following accounts :

| | |
|---------------------------------------|-------------|
| Sidewalk assessments | 93 69 |
| Sidewalk apportionments | 123 56 |
| Sewer connections | 24 48 |
| Sewer connections added to taxes..... | 136 55 |
| Sewer connections apportioned..... | 172 73 |
| Sewer assessments | 393 11 |
| Sewer apportionments | 384 34 |
| Betterments apportioned | 54 74 |
| Betterments | 169 39 |
| Taxes | 11,734 32 |
| December taxes | 110 34 |
| | <hr/> |
| | \$21,119 18 |

Interest on the Water Debt.

Received from:

| | |
|--|------------|
| Commissioners of Sinking Funds, income from Water Loan Sinking Fund, for the year 1915 | \$6,490 89 |
|--|------------|

Junior High Schoolhouse.

Received from:

| | |
|---|----------|
| McLean & Sons, proceeds of sale of Durgin house on Park street..... | \$100 00 |
|---|----------|

Miscellaneous Credits.

Received from:

| | |
|---|------------|
| Commonwealth of Massachusetts: | |
| Public Service Corporation tax..... | \$8,650 83 |
| Business Corporation Tax..... | 4,567 47 |
| National Bank Tax..... | 2,313 36 |
| Boston Elevated Railway Tax..... | 7,200 88 |
| Burial of Soldiers and Sailors..... | 400 00 |
| Soldiers' Exemption | 64 39 |
| Corporation Tax Adjustment..... | 77 45 |
| Metropolitan Park Tax adjustment..... | 4,937 41 |
| First District Court, E. M., fines and fees.... | 698 85 |
| John R. Fairbain, Master, fines and fees.... | 109 00 |
| Sundry persons, license to peddle..... | 350 00 |
| Charles S. Baxter, City Solicitor, part of proceeds from sale of Hall Schoolhouse.. | 1,425 00 |
| James Morrison, Auctioneer, part of pro- ceeds from sale of Hall Schoolhouse.... | 100 00 |
| Henry Risman, bonus on purchase of Lot 8, Quincy street | 12 59 |
| Andrew Dyer, desk | 5 00 |
| George Center, junk..... | 22 40 |
| Medford Historical Society, land on Gov- ernors Avenue | 629 00 |
| New England Supply Co., old towels..... | 3 75 |
| James D. P. Wingate, marble slab..... | 50 |
| Blake Bros. & Co., premium..... | 2 95 |
| Mass. Stable Co., condemned hose..... | 50 62 |
| Medford Police Department, fees for licenses and badges | 11 25 |
| Commonwealth of Massachusetts, one-half cost tuition in Trade Schools, Sept. 1, 1914, to Aug. 31, 1915..... | 546 50 |
| Boston & Maine R. R., sealing scales, etc.... | 3 94 |
| Malden Electric Co., permits..... | 71 00 |
| Malden & Melrose Gas Light Co., permits.... | 74 00 |
| New England Tel. & Tel. Co., permits..... | 3 50 |

| | | |
|---|----|-------------|
| Boston & Maine R. R. permits..... | \$ | 50 |
| Hugh G. Kennedy, Street Commissioner, permits | | 162 00 |
| Henry A. Gaffney, Superintendent of Wires, permits | | 143 75 |
| Frank B. Blodgett, Building Inspector, permits | | 447 00 |
| Benjamin F. Haines, Mayor, fees for licenses. | | 444 00 |
| Chas. H. Loomis, City Clerk, fees..... | | 1,985 68 |
| Winslow Joyce, Sealer, fees..... | | 164 89 |
| Winslow Joyce, milk licenses and renewals.. | | 105 00 |
| Edward W. Hayes, City Collector, certificates (Chap. 378, Acts 1907)..... | | 230 00 |
| Edward W. Hayes, City Collector, costs on taxes | | 2,004 50 |
| Edward W. Hayes, City Collector, costs on sewer assessments | | 50 00 |
| Edward W. Hayes, City Collector, costs on sidewalk assessments | | 10 00 |
| Edward W. Hayes, City Collector, costs on betterments | | 30 00 |
| Mary Bryden, costs, release of tax title.... | | 5 05 |
| Ella J. Batchelder, costs, release of tax title.. | | 17 45 |
| Patrick J. Sullivan, costs, release of tax title. | | 7 90 |
| Lester P. Winchenbaugh, costs, release of tax title | | 4 95 |
| Linus C. Coggin, costs, release of tax title.... | | 3 95 |
| Sundry Persons, redemption of tax titles.... | | 28 00 |
| Sundry Persons, sale of cemetery lots..... | | 301 10 |
| | | <hr/> |
| | | \$38,477 36 |

Miscellaneous Account.

Received from:

| | |
|---|--------|
| City Treasurer, amount of bill disallowed.... | \$1 00 |
|---|--------|

Notes.

Received from:

| | |
|---|-------------|
| Tremont Trust Co., face value of Sidewalk notes | \$35,000 00 |
|---|-------------|

Notes in Anticipation of Revenue.

Received from:

| | |
|--|--------------|
| Blake Bros. & Co., face value of notes, No. 246 to 261 inclusive, and 272 to 286 inclusive | \$350,000 00 |
| Parkinson & Burr, face value of notes No. 262 to 271, inclusive..... | 100,000 00 |
| | <hr/> |
| | \$450,000 00 |

Ordinary Expenses, Fire Dept.

Received from:

| | |
|--|----------|
| George Center, old rubber tires and chemical tanks | \$ 36 18 |
| George A. Curtis & Son, double harness..... | 20 00 |
| William F. Bartlett, sleigh bell..... | 25 |
| Medford Boat Club, condemned hose..... | 5 18 |
| F. Quigley, condemned hose..... | 9 10 |
| Isaac Cohen, chemical tanks..... | 105 00 |
| Henry Center, old couplings..... | 40 00 |
| Thomas Max, chief's wagon..... | 7 00 |
| | <hr/> |
| | \$222 71 |

Outside Relief.

Received from:

| | |
|---|------------|
| Commonwealth of Massachusetts, aid rendered | \$2,099 56 |
| City of Boston, aid rendered..... | 640 67 |

| | |
|---|------------|
| City of Lawrence, aid rendered..... | \$ 60 30 |
| City of Malden, aid rendered..... | 297 00 |
| City of Quincy, aid rendered..... | 1 50 |
| City of Somerville, aid rendered..... | 119 93 |
| City of Woburn, aid rendered..... | 96 00 |
| City of Melrose, aid rendered..... | 31 60 |
| Town of Plymouth, aid rendered..... | 156 00 |
| Town of Milton, aid rendered..... | 75 00 |
| Town of Orange, aid rendered..... | 80 00 |
| Town of Winchester, aid rendered..... | 151 33 |
| Walter W. Newton, reimbursement for aid rendered | 3 90 |
| Durant & Haushalter, refund for goods not delivered | 1 64 |
| City Treasurer, allowances returned to treasury | 9 00 |
| City of Malden, care at hospital..... | 17 00 |
| | <hr/> |
| | \$3,840 43 |

Payment of City Debt.

Received from:

| | |
|---|-------------|
| Commissioners of Sinking Funds to retire bonds and notes..... | \$71,900 00 |
| Old Colony Trust Co., premium on bonds.... | 35 00 |
| Tremont Trust Co., premium on bonds and notes | 5,458 58 |
| Estabrook & Co., premium on bonds..... | 2,745 28 |
| | <hr/> |
| | \$80,138 86 |

Perpetual Care Fund.

Received from:

| | |
|---------------------------------|----------|
| Estate of Martha L. Durkee..... | \$300 00 |
| Mary W. Parker..... | 153 00 |
| W. Arthur Lincoln..... | 100 00 |

RECEIPTS.

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| | |
|--|---------|
| Estate James E. Potter..... | \$95 00 |
| George P. Greene | 75 00 |
| George Porter | 75 00 |
| Amelia MacNear | 75 00 |
| Laura F. Cummings..... | 75 00 |
| Charles H. Frye..... | 75 00 |
| Stephen J. Roberts..... | 75 00 |
| Alonzo Tibbetts | 75 00 |
| Lillian F. Wellington..... | 75 00 |
| Ellen Wren | 75 00 |
| Luther T. Seaver..... | 75 00 |
| Estate Harriet A. Gray..... | 75 00 |
| Louis H. Bultkin..... | 62 50 |
| Blanch M. Pitcher | 50 00 |
| John W. G. Pitcher..... | 50 00 |
| George T. Sampson..... | 50 00 |
| Mary Sampson | 50 00 |
| Abby E. Stinson..... | 50 00 |
| Jeremiah J. Hartnett..... | 50 00 |
| Charles H. Farley..... | 50 00 |
| Charles C. Gleason..... | 50 00 |
| Rose E. Durant..... | 50 00 |
| Nahum E. Wilber, executor will of Ellen A. Turner | 50 00 |
| Katherine B. Gorton..... | 50 00 |
| Bernice L. Shepard..... | 50 00 |
| Charlotte B. Pihlerantz..... | 50 00 |
| Louise G. DeLong..... | 35 00 |
| Mabel H. Croudin..... | 31 00 |
| Dennis J. Kerrigan..... | 31 00 |
| Helen T. Wild..... | 30 00 |
| Agnes G. Power..... | 27 00 |
| Norman R. Sproul..... | 27 00 |
| Sarah E. Wilson..... | 27 00 |
| Alexander C. Glidden..... | 25 00 |
| James A. Finlayson..... | 25 00 |
| Warren W. Foye..... | 25 00 |
| W. Frank Shaw, Jr..... | 25 00 |

| | |
|------------------------------|------------|
| Walter E. Fels..... | \$ 25 00 |
| Georgianna Robinson | 25 00 |
| Charles E. Johnston..... | 25 00 |
| Martin W. Ward..... | 25 00 |
| Frederick W. Gow..... | 25 00 |
| Mary E. Tufts (in part)..... | 19 34 |
| | <hr/> |
| | \$2,637 84 |

Public Library.

Received from:

| | |
|--|------------|
| J. O. Hayden, Co. Treas., 90 per cent on \$2,061 dog licenses..... | \$1,854 90 |
| Trustees of Public Library, fines, books lost, etc. | 387 57 |
| Income from Trust Funds account, interest on Osgood Fund of \$2,009.42, Tufts Fund of \$500, Munroe Fund of \$500, one year to November, 1916 | 150 47 |
| | <hr/> |
| | \$2,392 94 |

Printing Reports.

Received from:

| | |
|---|---------|
| Medford School Dept., difference in printing school report as per agreement..... | \$39 53 |
|---|---------|

Sewer Construction.

Received from:

| | |
|--|----------|
| Nazareth Cement Co., empty bags..... | \$ 48 85 |
| Locke Coal Co., empty bags..... | 54 80 |
| Alpha Portland Cement Co., empty bags..... | 53 30 |
| Boston Elevated Railway Co., sand, brick, cement and lowering manholes..... | 27 20 |
| J. O. Goodwin, pumping out cellar..... | 2 38 |

RECEIPTS

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| | |
|--|----------|
| Patrick Kearins, labor and cement..... | \$ 49 88 |
| Stone, Timlow & Co., Inc., pipe, cement, etc... | 2 19 |
| E. T. Bigelow, supplies, lowering house connection | 17 99 |
| G. A. Nute, repairing house connection..... | 2 30 |
| Medford Surface Drains account, pipe..... | 29 35 |
| Medford Highway Dept., pipe, lowering connections | 113 19 |
| Medford Brooks and Streams account, erroneous charge on payroll..... | 3 96 |
| | <hr/> |
| | \$405 39 |

Sewer Maintenance.

Received from:

| | |
|--|---------|
| Walter D. Tibbals, cleaning house connection | \$ 1 63 |
| Stone, Timlow & Co., Inc., cleaning house connection | 23 04 |
| Edmund Bridge, cleaning house connection.. | 2 24 |
| Paul Sears, cleaning house connection..... | 75 |
| William F. Bartlett, cleaning house connection | 1 61 |
| Medford School Dept., cleaning house connection | 1 14 |
| Henry H. O'Connor, repairing house connection | 4 59 |
| | <hr/> |
| | \$35 00 |

State Aid.

Received from:

| | |
|---|----------|
| City Treasurer, allowances returned to the treasury | \$ 37 00 |
| Commonwealth of Massachusetts State Aid, 1915 | 4,946 00 |

| | |
|---|------------|
| Commonwealth of Massachusetts, Military Aid, 1915 | \$ 92 00 |
| | <hr/> |
| | \$5,075 00 |

Soldiers' Relief.

Received from:

| | |
|--|---------|
| City Treasurer, allowance returned to the treasury | \$20 00 |
|--|---------|

Surface Drains.

Received from:

| | |
|--|----------|
| Medford Sewer Construction account, pipe.. | \$ 15 40 |
| Medford Hancock Ave. Schoolhouse account, stock and labor on drainage..... | 611 00 |
| | <hr/> |
| | \$626 40 |

Salaries of Teachers.

Received from:

| | |
|---|---------|
| City Treasurer, to rectify improper entries on payrolls | \$79 00 |
|---|---------|

Sidewalks and Edgestones.

Received from:

| | |
|--|---------|
| Medford Sewer Construction Account, repairing walk | \$ 4 13 |
| New England Tel. & Tel. Co., repairing sidewalks | 147 50 |
| Hagop H. Ekizian, stock, labor, teaming..... | 8 75 |
| Sarah Gordon, one-half cost brick walk..... | 32 57 |
| George L. Batchelder, removing tree, etc..... | 15 00 |
| W. S. Franklin, granolithic walk..... | 24 00 |
| Cyrus P. Austin, repairing sidewalk..... | 25 00 |

RECEIPTS

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| | |
|--|----------|
| M. Hoosepian, lowering edgestone..... | \$ 12 00 |
| J. A. Muench, lowering edgestone..... | 5 00 |
| Philip Bornstein, lowering edgestone..... | 12 00 |
| Wendell H. Marden, lowering edgestone..... | 3 00 |
| Samuel H. Scholtz, lowering edgestone..... | 3 00 |
| B. G. Ellis, lowering edgestone..... | 3 00 |
| John A. Ricker, lowering edgestone..... | 3 00 |
| H. R. Downs, lowering edgestone..... | 3 00 |
| Mrs. Nelson, lowering edgestone..... | 10 00 |
| Carl R. Weitze, lowering edgestone..... | 3 00 |
| Ernest Hegberg, lowering edgestone..... | 3 00 |
| Movitz, lowering edgestone..... | 5 00 |
| A. S. Zinburg, lowering edgestone..... | 5 00 |
| L. C. Boynton, lowering edgestone..... | 3 00 |
| Willis Whittemore, lowering edgestone..... | 5 00 |
| | <hr/> |
| | \$334 95 |

Snow.

Received from:

| | |
|---|---------|
| General repairs of Highways Account, amount of payroll | \$28 29 |
|---|---------|

Stewardship.

Received from:

| | |
|--|--------|
| City Treasurer, amount returned to treasury. | \$2 40 |
|--|--------|

Salaries of Firemen.

Received from:

| | |
|--|---------|
| City Treasurer, adjustment on payroll..... | \$ 7 06 |
| Everett A. Baker, refund of amount allowed for poll tax | 2 00 |
| Frederick J. Meagher, refund of amount al- lowed twice | 10 84 |
| | <hr/> |
| | \$19 90 |

Special Police, Etc.

Received from:

| | |
|--|----------|
| Beacon Motor Car Co., refund of overpayment | \$ 1 00 |
| Henry Risman, ambulance, paper, junk..... | 118 50 |
| Medford City Hall Account, light for Assessors' Dept. | 24 00 |
| | <hr/> |
| | \$143 50 |

Trees.

Received from:

| | |
|---|---------|
| Daniel W. Lawrence, cutting down and trimming | \$35 43 |
|---|---------|

Watering Streets.

Received from:

| | |
|--|---------|
| Josephine Milligan, oiling | \$ 1 35 |
| Wm. F. McNally, oiling..... | 1 35 |
| Sarah F. Wright, oiling..... | 1 35 |
| James W. Haslam, oiling..... | 1 35 |
| John F. and Mary A. Madden, oiling..... | 1 35 |
| Elizabeth F. Haslam, oiling..... | 1 35 |
| Benj. W. and Minnie H. Pennock, oiling.... | 1 35 |
| Mary C. Saunders, oiling..... | 1 35 |
| Arthur W. Perkins, oiling..... | 1 35 |
| Marie L. Sampson, oiling..... | 2 70 |
| John H. Hamilton, oiling..... | 6 75 |
| Samuel N. Cohen, oiling..... | 6 75 |
| City of Somerville, oiling..... | 75 92 |
| Sidewalks and Edgestones account, use of truck | 128 12 |
| Gravel Sidewalks account, use of truck.... | 18 00 |
| Original Construction of Streets account, use of truck | 63 00 |

RECEIPTS

41

| | |
|---|----------|
| Surface Drains account, use of truck..... | \$456 41 |
| Benjamin F. Haines, one man's storm coat... | 12 00 |
| | <hr/> |
| | \$781 80 |

Lincoln Schoolhouse Repairs.

Received from:

| | |
|--|------------|
| Sundry Insurance Companies, fire loss of March 23, 1916 | \$6,146 46 |
|--|------------|

High Schoolhouse Repairs.

Received from:

| | |
|---|----------|
| Sundry Insurance Companies, fire loss March 25 and 29, 1916..... | \$449 25 |
|---|----------|

Insurance.

Received from:

| | |
|--|------------|
| High School Addition account, premium paid Morrison Real Estate and Ins. Agency.. | \$1,333 33 |
|--|------------|

Duplicate and Non-Revenue Producing Items.

| Credited to | From | |
|-----------------------------|-------------------------------------|----------|
| City Clerk's Dept. Expenses | Ptg. and Adv. Ordinances | \$ 22 10 |
| Forest Street | Sidewalks and Edgestones | 58 89 |
| Guide Bds. and St. Signs | Gravel Sidewalks | 32 54 |
| | Original Construction of Sts. . . . | 32 27 |
| Surface Drains | Sewer Construction | 15 40 |
| | Hancock Ave. Schoolhouse | 611 00 |
| Sidewalks and Edgestones | Sewer Construction | 4 13 |
| | Gen. Repairs of Highways | 28 29 |
| Watering Streets | Sidewalks and Edgestones | 128 12 |
| | Gravel Sidewalks | 18 00 |
| | Original Construction of Sts. . . . | 63 00 |
| | Surface Drains | 456 41 |
| Gen. Repairs of Highways | Hancock Ave. Schoolhouse | 840 77 |
| | Ashes | 2,630 54 |
| | Collection of House Offal | 1,737 67 |
| | Election Expenses | 40 28 |
| | Original Construction of Sts. . . . | 4,585 49 |
| | Sidewalks and Edgestones | 3,326 24 |
| | Surface Drains | 498 05 |
| | Grading Playgrounds | 33 50 |
| | Miscellaneous Account | 66 12 |
| | Gravel Sidewalks | 23 62 |
| | Departmental Equipment | 171 75 |
| | Forest Street | 10 |
| | Health Dept. Expenses | 165 51 |
| | Contagious Diseases | 204 46 |
| | Infantile Paralysis | 19 01 |
| | Special Police, etc. | 284 76 |
| | Care of Cemeteries | 68 32 |
| | Lincoln Schoolhouse Repairs . . . | 15 00 |
| | Water Service | 115 03 |
| | Sewer Construction | 154 58 |
| Gypsy and Brown-tail Moth | Public Commons | 33 28 |
| | Gen. Expenses, School Dept. . . . | 12 16 |
| | Care of Cemeteries | 121 00 |
| | Water Service | 190 00 |
| Snow | Gen. Repairs of Highways | 28 29 |
| Sewer Construction | Surface Drains | 142 54 |
| | Brooks and Streams | 3 96 |
| Sewer Maintenance | Repairs, School Dept. | 1 14 |
| Special Police, etc. | City Hall | 24 00 |
| Engineering Dept. Expenses | Sewer Construction | 841 00 |
| | Water Service | 191 92 |
| | Forest Street | 35 85 |
| | Original Construction of Sts. . . . | 569 27 |
| | Sidewalks and Edgestones | 899 16 |
| | Surface Drains | 192 88 |
| | Watering Streets | 56 16 |
| | Gen. Repairs of Highways | 2 43 |
| Water Service | Sewer Construction | 6,781 11 |

 \$26,577 21

RECEIPTS

43

Refunds

| Credited to | From | |
|-----------------------------|----------------------------|----------|
| Assessors' Expenses | City Treasurer..... | \$ 1 00 |
| City Clerk's Dept. Expenses | City Treasurer..... | 1 00 |
| Gen. Expenses, School Dept. | City Treasurer..... | 20 80 |
| State Aid | City Treasurer..... | 37 00 |
| Soldiers' Relief | City Treasurer..... | 20 00 |
| Salaries of Teachers | City Treasurer..... | 79 00 |
| Stewardship | City Treasurer..... | 2 40 |
| Outside Relief | City Treasurer..... | 9 00 |
| | Walter W. Newton..... | 3 90 |
| | Durant and Haushalter..... | 1 64 |
| Salaries of Firemen | Everett A. Baker..... | 2 00 |
| | Frederick J. Meagher..... | 10 84 |
| | City Treasurer..... | 7 06 |
| Special Police, etc. | Bacon Motor Car Co..... | 1 00 |
| Health Dept. Expenses | Cradock Garage..... | 15 00 |
| High Schoolhouse Addition | American Seating Co..... | 7 00 |
| | | <hr/> |
| | | \$218 64 |

EXPENDITURES.**Aldermen's Contingent.**

Paid:

| | |
|--|----------|
| C. H. Tinkham, framing..... | \$ 3 78 |
| David Anderson, lock repairs..... | 2 00 |
| J. C. Miller, Jr., printing..... | 143 25 |
| Medford Publishing Co., advertising hear- ings | 54 50 |
| Frank H. Peak, cigars..... | 56 40 |
| W. F. Leahy, cigars..... | 8 85 |
| Chas. T. Daly, cash paid for stamps..... | 3 00 |
| Mystic Publishing Co., advertising hear- ings | 19 00 |
| Medford Flower and Gift Shop, flowers..... | 36 00 |
| W. E. Gerry & Co., black bunting..... | 2 01 |
| Edw. J. Gaffey, carriage hire, gloves..... | 47 80 |
| J. W. Washington, engrossing..... | 15 00 |
| Dr. J. C. D. Clark, in part, for entertainment of Aldermen at outing..... | 110 00 |
| Joseph F. Rae & Co., banquet for Board.... | 110 00 |
| Chester W. Clement, engrossing..... | 15 00 |
| Geo. E. Crosby Co., printing..... | 17 25 |
| Boston Regalia Co., gavel, engraving..... | 5 26 |
| Jas. J. Shannon & Co., supplies..... | 2 45 |
| Proudfit Loose Leaf Co., binder, paper..... | 11 53 |
| H. R. Grant, lunch..... | 35 00 |
| John J. Geary & Co., stamps..... | 1 25 |
| John Carter & Co., paper..... | 1 00 |
| | <hr/> |
| | \$700 33 |

Armory.

Paid:

| | |
|--|------------|
| Trustees of Veteran Association of the Law- rence Light Guard of Medford, rent, in- cluding heating, lighting, and care, 1 year to January 1, 1917..... | \$2,000 00 |
|--|------------|

MEDFORD HISTORICAL SOCIETY.

ac. 28/14.

EXPENDITURES

49

Bonds of City Officials.

Paid:

| | |
|---|----------|
| U. S. Fidelity & Guaranty Co., premium on bonds | \$723 00 |
|---|----------|

City Hall Construction.

Paid:

| | |
|--|-------------|
| Frank Hervey, land and buildings adjoining City Hall lot, Main street..... | \$16,250 00 |
| Benjamin F. Fenton, Trustee, land and buildings on Main street..... | 8,250 00 |
| Alfred C. Blaikie, broker's commission on sale of Coburn Estate..... | 385 00 |
| Michael M. Dyer, rent for Dyer Hall..... | 1,000 00 |
| Sinclair Hardware Co., paper, twine, etc.... | 12 42 |
| Medford Publishing Co., advertising..... | 16 00 |
| C. H. Tinkham, boxing oil painting..... | 39 85 |
| Mystic Publishing Co., advertising..... | 7 75 |
| Michael Stevens, release of claim..... | 400 00 |
| George C. Scott, examining titles..... | 100 00 |
| McClellan's Express, moving offices..... | 140 00 |
| Jasper N. Johnson, legal services..... | 100 85 |
| Chas. H. Walley, staining, etc..... | 4 85 |
| David Anderson, changing locks..... | 3 00 |
| Roy S. White, carpentry..... | 27 30 |
| Michael F. Buckley, expense of moving..... | 50 00 |
| Geo. H. Janes, Jr., electrical supplies, labor.. | 198 59 |
| Medford Trust Co., rent for basement..... | 50 00 |
| Teel Manufacturing Co., tire..... | 33 96 |
| Southboro Arms, dinners | 33 00 |
| M. M. Dyer, on contract for foundation..... | 19,943 00 |
| Elmer Smith Bailey, architectural services... | 5,898 57 |
| Elmer Smith Bailey, services on extra plans.. | 2,000 00 |
| Superintendent | 468 00 |
| Thomas Leighton, Jr., recording..... | 19 73 |

| | |
|---|-------------|
| Heirs of Chas. F. Coburn, land and build- ings on High street..... | \$15,400 00 |
| B. F. Smith & Co., test borings..... | 181 50 |
| C. Bowen, moving safes, vault doors..... | 198 80 |
| Ward's, packing paper | 3 75 |
| Swift, McNutt Co., tearing down buildings.. | 2,150 00 |
| F. W. Norris & Co., agents, rent..... | 880 00 |
| W. E. Gerry & Co., sateen..... | 10 00 |
| Boston Transcript Co., advertising..... | 5 75 |
| Anthony M. Zottoli & Bros., model and photos | 600 00 |
| Sundry Persons, as per payroll..... | 53 33 |
| | <hr/> |
| | \$74,915 00 |

Charles River Basin Assessment.

Paid:

Commonwealth of Massachusetts:

| | |
|----------------------------------|------------|
| Interest on Basin Loan Fund..... | \$1,371 63 |
| Cost of maintenance..... | 1,397 88 |
| Serial bonds | 107 89 |
| | <hr/> |
| | \$2,877 40 |

Claims.

Paid:

| | |
|---|------------|
| Mrs. C. J. Murray, for damage to vegetable garden, July, 1915 and 1916..... | \$ 175 00 |
| Helen M. Fogg, damages, owing to an alleged defective sidewalk on Fulton street, 1914 | 1,576 63 |
| Mary H. Rollins, settlement of execution, Malden Court, July 1, 1916, No. 369.... | 104 00 |
| | <hr/> |
| | \$1,855 63 |

City Collector—December Taxes.

Paid:

| | |
|---|--------|
| Edw. W. Hayes, City Collector, refund of overpayment | \$4 00 |
|---|--------|

City Hall.

Paid:

| | |
|---|------------|
| Night watchman and janitor as per payrolls.. | \$1,743 91 |
| Malden Electric Co., light, bulbs..... | 322 00 |
| Malden & Melrose Gas Light Co., gas..... | 1 71 |
| Medford Water Div., water..... | 9 45 |
| Medford Ice Co., ice..... | 22 80 |
| Medford Police Dept., light for Assessors.... | 24 00 |
| E. J. Hervey Co., soap, matches..... | 5 10 |
| Geo. H. Janes, Jr., electrical repairs, sup- plies | 20 15 |
| Sinclair Hardware Co., barrels, sundries..... | 15 94 |
| David Anderson, lock, keys..... | 6 00 |
| Roy S. White, carpentry, screens, etc..... | 63 71 |
| C. H. Tinkham, repairing clock..... | 2 00 |
| Mystic Laundry Co., laundry work..... | 6 82 |
| Page & Curtin, repairs, sundries..... | 4 50 |
| W. B. Emery, repairing chairs..... | 8 55 |
| Edwin D. Curran, carfares..... | 4 75 |
| Mystic Publishing Co., subscription..... | 2 00 |
| R. G. Fraser, towels..... | 2 05 |
| W. E. Gerry & Co., towels, cretonne..... | 2 00 |
| Richard S. Leary, cleaning powder..... | 2 00 |
| Charles H. Walley, glazing..... | 8 26 |
| McClellan's Express, expressing..... | 7 50 |
| Welch's Express, expressing..... | 85 |
| American Express Co., expressing..... | 70 |
| Savage's Express Co., expressing..... | 15 |
| H. B. McArdle, stationery supplies..... | 17 68 |
| Somerville Brush Co., brush..... | 2 20 |

| | |
|--|------------|
| Commonwealth Laundry Co., laundry work... | \$ 9 10 |
| W. H. Clafin & Co., paper towels..... | 7 00 |
| U. Need It Manufacturing Co., O-Need-O.... | 90 |
| Ward's, stationery | 10 40 |
| Warren Carpet Cleaning Co., cleaning rugs.. | 6 30 |
| Carter's Ink Co., ink..... | 4 40 |
| American Water Supply Co., paper cups.... | 10 50 |
| West Disinfecting Co., liquid soap..... | 2 50 |
| Dorchester Awning Co., awnings..... | 8 00 |
| Hillside Sign Co., lettering doors, windows.. | 72 20 |
| Dugmore & Duncan, keys..... | 5 40 |
| Geo. T. Hoyt, flag..... | 6 00 |
| Belmont Crystal Spring Water Co., water service | 13 60 |
| New England Co., towel service..... | 31 26 |
| George W. Blanchard & Co., lumber..... | 3 77 |
| | <hr/> |
| | \$2,498 11 |

Decoration and Care of Soldiers' Graves.

Paid:

| | |
|--|----------|
| Frank O. Waterman, Quartermaster, Post 66, G. A. R., amount of appropriation..... | \$375 00 |
| Walter C. Oliver, Camp 30, Spanish War Veterans, amount of appropriation..... | 50 00 |
| | <hr/> |
| | \$425 00 |

Carol Society.

Paid:

| | |
|--|---------|
| Geo. H. Janes, Jr., wiring as per contract at High School grounds, sign, express..... | \$73 50 |
| Malden Electric Co., lighting..... | 25 00 |
| | <hr/> |
| | \$98 50 |

Departmental Equipment.

Paid:

| | |
|---|-----------|
| Sundry Persons, as per payrolls, for electrical work | \$ 677 81 |
| Bigelow Motor Club, charging battery..... | 50 |
| Geo. W. Blanchard & Co., lumber..... | 4 79 |
| Thos. J. Max, horse hire..... | 135 00 |
| W. C. Miles Co., lumber..... | 8 75 |
| New England Telephone & Telegraph Co., making underground connection..... | 19 32 |
| Wetmore Savage Co., electrical supplies..... | 82 26 |
| Page & Curtin, paint; batteries, zincs..... | 71 40 |
| Gamewell Fire Alarm Tel. Co., parts, repairing | 119 33 |
| Boston & Maine R. R., freight..... | 2 09 |
| Welch's Express, expressing | 7 90 |
| Geo. H. Janes, Jr., cord, etc..... | 12 72 |
| American Express Co., expressing..... | 77 |
| Stuart Howland Co., zincs, plates, cross arms, lead cable, conduits, etc..... | 1,161 60 |
| W. H. Webster Jones Co., electrical repairing | 11 30 |
| McClellan's Express, expressing..... | 3 25 |
| Louis W. Bills, storage battery elements..... | 45 81 |
| For Fire Department: | |
| Cornelius Callahan Co., hose..... | 440 00 |
| Crandall Packing Co., couplings..... | 26 40 |
| Republic Rubber Co., hose..... | 955 50 |
| Larkin Mfg. Co., hydraulic expander and hose testing pump | 159 80 |
| For Police Department: | |
| Teel Mfg. Co., motorcycle..... | 295 00 |
| For City Scales: | |
| Sundry Persons, as per payrolls..... | 214 44 |
| G. L. Poland, carpentry..... | 120 43 |

| | |
|---|------------|
| Geo. W. Blanchard & Co., lumber..... | \$ 77 46 |
| The Fairbanks Co., scale..... | 620 00 |
| Winslow Joyce, sealing scale..... | 1 00 |
| Boston & Maine R. R., freight..... | 8 37 |
| Medford, general repairs of highways, teaming | 171 75 |
| For Highway Department: | |
| F. O. Johnson, street paving mixer..... | 1,049 20 |
| Boston & Maine R. R., freight..... | 82 80 |
| | <hr/> |
| | \$6,586 75 |

Hancock Avenue Schoolhouse.

Paid:

| | |
|--|-------------|
| M. M. Dyer, on contract..... | \$14,598 89 |
| Sundry Persons, on account of M. M. Dyer.. | 2,834 11 |
| Richard D. Kimball Co., services as engineers | 93 75 |
| W. W. Campbell & Son Co., on heating contract | 3,941 75 |
| Charles B. Dunham, supervision..... | 729 81 |
| William P. Kane, on plumbing contract..... | 1,915 00 |
| American Seating Co., school furniture, etc... | 1,996 23 |
| Freeman O. Emerson, insurance..... | 374 50 |
| Medford Highway Department, pipe, brick, labor, stone, edgestone, etc..... | 1,451 77 |
| Allen Shade Holder Co., shades as per contract | 145 00 |
| Edwin C. Lewis, electrical fixtures..... | 448 00 |
| Wm. H. Lenox, loam, labor, grading..... | 1,977 97 |
| Welch's Express, expressing..... | 13 90 |
| Savage's Express Co., expressing..... | 50 |
| McClellan's Express, expressing..... | 11 00 |
| Frank T. Hook, granolithic work..... | 1,264 95 |
| C. H. Tinkham, clocks..... | 126 00 |
| Anderson & Anderson, ash barrels..... | 47 25 |

EXPENDITURES

51

| | | |
|--|----|-------------|
| George E. Giles, labor cleaning windows..... | \$ | 33 95 |
| Brown-Howland Co., school furniture..... | | 680 80 |
| Ames Plow Co., wheel barrow..... | | 8 55 |
| Medford Water Div., pipe, labor..... | | 31 55 |
| Boston & Maine R. R., freight..... | | 6 02 |
| | | <hr/> |
| | | \$32,731 25 |

High Schoolhouse Addition.

Paid:

| | | |
|---|----|------------|
| Kenney Bros. & Wolkins, waste baskets..... | \$ | 48 75 |
| American Book Co., books..... | | 1,332 80 |
| Lewis H. & F. W. Lovering, carpentry..... | | 77 50 |
| Medford Insurance account, insurance..... | | 1,333 33 |
| Royal Typewriter Co., typewriters..... | | 600 00 |
| Huey Bros. Co., damper regulator..... | | 50 00 |
| Underwood Typewriter Co., tables..... | | 42 00 |
| N. B. Cunningham, carpentry..... | | 96 93 |
| American Seating Co., table..... | | 7 00 |
| Heywood Bros. & Wakefield Co., desks..... | | 232 75 |
| John H. Pray & Sons Co., linoleum..... | | 386 63 |
| P. P. Caproni & Bro., cleaning casts, etc.... | | 122 40 |
| D. C. Heath & Co., books..... | | 15 75 |
| | | <hr/> |
| | | \$4,345 84 |

Fulton Heights Schoolhouse.

Paid

| | |
|--|---------|
| L. E. Fitzpatrick & Co., heating coil..... | \$55 00 |
|--|---------|

Interest.

Paid:

| | | |
|---|----|----|
| Margaret D. Stanley, interest on Sewer ap- portionment abatement | \$ | 36 |
|---|----|----|

| | |
|--|-------------|
| Don L. Clark, interest overpaid on 1914 taxes Commonwealth of Massachusetts, on registered bonds..... | \$ 6 55 |
| Old Colony Trust Co., preparation and certification of notes..... | 1,440 00 |
| On notes in anticipation of revenue, as follows: | 250 00 |
| Blake Bros. & Co., on \$50,000, 304 days at 2.84 per cent, \$50,000. 311 days at 2.84 per cent, \$50,000. 269 days at 2.61 per cent., \$50,000. 286 days at 2.61 per cent., \$50,000. 279 days at 3.23 per cent., \$50,000. 283 days at 3.27 per cent., and \$50,000, 312 days at 3.27 per cent..... | 8,391 65 |
| Parkinson & Burr, on \$50,000, 268 days at 3.07 per cent., \$50,000, 292 days at 3.07 per cent. | 2,387 77 |
| Coupons | 71,599 81 |
| | <hr/> |
| | \$84,076 14 |

Income from Trust Funds.

Paid:

| | |
|--|-----------|
| Public Library Department, income from Osgood, Tufts and Munroe Funds, for one year to Nov. 15, 1916..... | \$ 150 47 |
| Sundry Persons, as per payroll, income from Bradbury Fund, one year to November, 1916 | 454 58 |
| Sundry Persons, as per payroll, income from Seccomb Fund, one year to Nov., 1916.. | 290 00 |
| Sundry Persons, as per payroll, income from Simonds Fund, one year to November, 1916 | 65 00 |
| Protestant churches of Medford, on \$5,000 (Hall Church Fund) for one year to November 15, 1916, divided as follows: | |

EXPENDITURES

53.

| | |
|-------------------------------------|------------|
| Mystic church, 397 members..... | \$ 50 33 |
| Methodist church, 356 members.... | 45 13 |
| Baptist church, 573 members..... | 72 64 |
| Episcopal church, 310 members.... | 39 30 |
| Unitarian church, 179 members.... | 22 70 |
| Universalist church, 157 members... | 19 90 |
| | <hr/> |
| | \$1,210 05 |

Interest on the Water Debt.

Paid:

| | |
|---------------|------------|
| Coupons | \$6,160 00 |
|---------------|------------|

Metropolitan Park Tax.

Paid:

Commonwealth of Massachusetts:

| | |
|---|-----------|
| Metropolitan Parks Loan Sinking Fund. | \$ 597 49 |
| Interest on | 3,413 80 |
| Cost of maintenance | 9,314 47 |
| Serial bonds | 119 24 |
| Cost of maintenance (Nantasket)..... | 449 32 |
| Cost of maintenance (Wellington bridge) | 8 74 |
| | <hr/> |

\$13,903 06

Metropolitan Sewer Tax.

Paid:

Commonwealth of Massachusetts:

| | |
|---|------------|
| Metropolitan Sewerage Loan Sinking Fund.. | \$5,871 82 |
| Interest on | 11,914 37 |
| Cost of maintenance | 7,907 01 |
| Serial bonds | 734 30 |
| | <hr/> |

\$26,427 50

Metropolitan Water Tax.

Paid:

Commonwealth of Massachusetts:

| | |
|---|-------------|
| Metropolitan Water Loan Sinking Fund | \$ 3,477 97 |
| Interest on | 19,440 06 |
| Cost of maintenance..... | 5,681 42 |
| Serial bonds | 397 84 |
| | <hr/> |
| | \$28,997 29 |

Middlesex County Tax.

Paid:

J. O. Hayden, county treasurer, tax 1916.... \$33,144 75

Wellington Bridge.

Paid:

Commonwealth of Massachusetts:

| | |
|--|------------|
| Metropolitan Parks, Wellington Bridge, Serial Bonds | \$1,825 54 |
| Interest | 693 87 |
| Maintenance | 1,832 59 |
| | <hr/> |
| | \$4,352 00 |

Miscellaneous Account.

Paid:

| | |
|---|----------|
| Margaret I. Tobin, services as Mayor's stenog- rapher, one year to Jan. 1, 1917..... | \$780 00 |
| Florence McCarthy, services as stenographer. | 136 00 |
| Veronica J. Kane, services as stenographer.. | 241 00 |
| Frank H. Peak, stationery, supplies, etc..... | 126 01 |

EXPENDITURES

55

| | |
|---|---------|
| David Anderson, lock, keys..... | \$ 3 50 |
| E. B. Thorndike & Son, subscription..... | 1 00 |
| Medford Publishing Co., subscription, printing, advertising, envelopes..... | 461 65 |
| J. C. Miller, Jr., envelopes, making badges.. | 16 25 |
| E. M. Gill, flowers for inauguration..... | 9 50 |
| S. F. Blake, teaming seats..... | 60 00 |
| C. H. Tinkham, photo work, lantern slides, etc. | 45 57 |
| F. O. Waterman, moving chairs, etc..... | 9 50 |
| W. F. Leahy, cigars, banners..... | 16 50 |
| Walter C. Oliver, cash paid for special car, etc. | 18 00 |
| I. W. Mullett & Sons, printing..... | 11 00 |
| Grace I. Cotting, clerical work..... | 2 72 |
| Medford General Repairs of Highways, use of roller, labor, gasoline..... | 66 12 |
| P. Volpe & Sons, cigars, cigarettes and fruit for Co. E at Framingham Camp..... | 25 50 |
| John W. Enright, cigars..... | 5 75 |
| Cradock Garage, tube, labor..... | 6 85 |
| Hillside Sign Co., signs..... | 1 50 |
| Ella S. Hinckley, cash paid for ribbon, badges, etc., for inauguration | 5 15 |
| Charlotte C. Munster, stenographic services.. | 5 00 |
| New England Decorating Co., curtain for inauguration, decorating for Co. E return.. | 68 00 |
| Mass. Multigraphing Co., copying report.... | 4 00 |
| Munson Supply Co., speed keys..... | 3 50 |
| Security Safe Deposit Co., rent for safe..... | 60 00 |
| Bates Torrey, transcript of testimony..... | 21 00 |
| Carl Fischer, music for inauguration..... | 10 00 |
| Boston Badge Co., badges for aldermen..... | 63 00 |
| Boston Elevated Ry. Co., special car for Co. E | 27 50 |
| Boston Insurance Co. | 86 |
| Benoit-McShane Co., repairs | 9 35 |
| Frederick Eeles Co., binding..... | 15 40 |

| | |
|---|----------|
| Remington Typewriter Co., ribbons, rental.. | \$ 29 00 |
| Spaulding & Tewksbury, cards..... | 3 00 |
| Ward's, stationery supplies..... | 54 13 |
| Zinn's, flowers | 10 00 |
| Essex Decorating Co., decorating bandstand. | 10 00 |
| National Fireworks Distributing Co., red torches | 18 60 |
| Wm. H. Casey, for services of band..... | 50 00 |
| New England News Co., flags..... | 8 40 |
| Bay State Military Rifle Association, use of range | 8 00 |
| E. Wentworth Prescott, information..... | 99 00 |
| William E. Severance, rebuilding typewriter.. | 10 00 |
| L. H. Lane, printing..... | 5 60 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Edgecomb, Neylan & Sheehan, stenographic services | 29 40 |
| Medford Post Office, postage stamps..... | 76 00 |
| Medford Ice Co., ice for fountains..... | 150 00 |
| Peter F. Lenox, rent for Pound, one year.... | 25 00 |
| James W. Robertson, refreshments for in- auguration | 346 25 |
| Fred W. Sleeper, insurance to cover losses.. | 17 |
| Edw. M. Peters & Co., insurance to cover losses | 51 |
| John Smith, for decoration and care of Fire- men's graves | 50 00 |
| Camp 30, Spanish War Veterans, for Me- morial Day decorations..... | 25 00 |
| J. E. Dyer, for music at home coming parade of Co. E..... | 75 00 |
| A. Lane, banquet for Co. E..... | 250 00 |
| Malden Electric Co., lights on Common..... | 30 00 |
| Fred B. Rideout, horse hire for parade..... | 8 00 |
| Victor St. Denis, tire..... | 33 56 |
| James C. D. Clark, in part, for entertaining Aldermen at outing..... | 35 00 |

EXPENDITURES

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| | | |
|-----------------------------------|----|------------|
| Welch's Express, expressing | \$ | 50 |
| | | <hr/> |
| | | \$3,779 80 |

Miscellaneous Credits.

Paid:

| | | |
|--|-------|----------|
| George Nichols Co., funerals, burial agent's fees | \$150 | 00 |
| Commonwealth of Massachusetts, on account of liquor licenses, 1916..... | | 50 |
| Commonwealth of Massachusetts, adjustment of Corporation and National Bank taxes. | 127 | 35 |
| John B. Norton, license fee refunded..... | 10 | 00 |
| Medford Historical Society, revenue stamps.. | 1 | 00 |
| Morrison's Real Estate and Insurance Agency, commission on sale of Hall School | 68 | 12 |
| | | <hr/> |
| | | \$356 97 |

Notes in Anticipation of Revenue.

Paid:

| | | |
|--|-----------|-------|
| Nos. 216, 217, 218, due Jan. 14, 1916..... | \$50,000 | 00 |
| Nos. 219, 220, 221, due Feb. 15, 1916..... | 50,000 | 00 |
| Nos. 222 to 226, inc., due March 15, 1916.... | 50,000 | 00 |
| Nos. 228, 229, 230, 234, 235, due April 14, 1916 | 50,000 | 00 |
| Nos. 236 to 240, inc., due May 15, 1916..... | 50,000 | 00 |
| Nos. 241 to 245, inc., due June 15, 1916..... | 50,000 | 00 |
| Nos. 246 to 248, inc., due Nov. 10, 1916..... | 50,000 | 00 |
| Nos. 249 to 251, inc., due Nov. 17, 1916..... | 50,000 | 00 |
| Nos. 252 to 256, inc., due Nov. 24, 1916..... | 50,000 | 00 |
| Nos. 257 to 261, inc., due Dec. 11, 1916..... | 50,000 | 00 |
| Nos. 262 to 266, inc., due Dec. 22, 1916..... | 50,000 | 00 |
| | | <hr/> |
| | \$550,000 | 00 |

Lincoln Schoolhouse Repairs.

Paid:

| | |
|---|------------|
| Edw. E. Babb & Co., stationery supplies.... | \$ 7 15 |
| Medford Highway Dept., labor..... | 15 00 |
| Wm. E. Ober, electrical supplies, labor..... | 38 26 |
| Margaret I. Tobin, cash paid for stamps..... | 1 00 |
| Silver-Burdett & Co., books..... | 14 34 |
| American Book Co., books..... | 15 98 |
| Houghton, Mifflin Co., books..... | 32 06 |
| M. M. Dyer, stock and labor..... | 5,983 50 |
| Fred W. Sleeper, insurance adjustment..... | 47 |
| Geo. W. Green, insurance adjustment..... | 1 86 |
| M. W. Pierce, insurance adjustment..... | 46 |
| Boston Insurance Co., insurance adjustment.. | 2 40 |
| Edw. M. Peters & Co., insurance adjustment.. | 1 44 |
| German American Ins. Co., insurance adjust- ment | 36 |
| W. Arthur Lincoln, insurance adjustment... | 1 35 |
| Wm. A. Muller & Co., insurance adjust- ment | 1 80 |
| Allen Shade Holder Co., shades..... | 28 68 |
| Alfred G. Wilmot, insurance adjustment.... | 35 |
| | <hr/> |
| | \$6,146 46 |

High Schoolhouse Repairs.

Paid:

| | |
|--|----------|
| Medford Police Dept., services..... | \$ 17 60 |
| N. B. Cunningham, labor, supplies..... | 31 50 |
| Geo. H. Janes, Jr., electrical work..... | 66 91 |
| G. L. Poland, labor, stock..... | 43 68 |
| Ginn & Co., books..... | 28 94 |
| M. M. Dyer, repairs..... | 175 90 |
| Allen Shade Holder Co., shades..... | 6 32 |

EXPENDITURES

59

| | |
|--|----------|
| Old Colony Insurance Co., insurance adjustment | \$ 81 |
| Am. Type Founders Co., printing supplies... | 11 20 |
| | <hr/> |
| | \$382 86 |

Osgood Schoolhouse.

Paid:

| | |
|---|-------------|
| Medford Publishing Co., advertising..... | \$ 13 50 |
| Chas. B. Dunham, architectural services.... | 1,261 19 |
| Daniel Knowlton, on contract for building.. | 15,906 25 |
| Daniel Knowlton, extra work..... | 1,169 93 |
| Mystic Publishing Co., advertising..... | 4 00 |
| W. W. Fifield, insurance..... | 210 00 |
| Richard D. Kimball Co., engineering services. | 260 30 |
| Huey Bros. Co., on heating contract..... | 4,619 75 |
| Page & Curtin, on plumbing contract..... | 1,087 50 |
| | <hr/> |
| | \$24,532 42 |

Overlay and Abatement, 1915.

Paid:

| | |
|--|---------|
| Morgan Waters, guardian Richard Waters, abatement of poll tax..... | \$ 2 00 |
| Lyman & Lincoln F. Sise, Trustees, abatement of personal tax..... | 97 76 |
| | <hr/> |
| | \$99 76 |

Perpetual Care Fund.

Paid:

| | |
|--|------------|
| Medford Commissioners of Sinking Funds, amount received by the City in 1916 for the Perpetual Care Fund..... | \$2,637 84 |
|--|------------|

Sinking Funds.

Paid:

| | |
|--|-------------|
| Medford Commissioners of Sinking Funds, amount appropriated for 1916..... | \$17,100 00 |
|--|-------------|

Soldiers' Relief.

Paid:

| | |
|--------------------------------------|------------|
| Dearborn Hospital, board, care..... | \$ 73 14 |
| Sundry Persons, cash allowance..... | 528 00 |
| Frank H. Peak, stationery..... | 2 00 |
| Sundry Persons, as per payrolls..... | 1,607 00 |
| | \$2,210 14 |

Rifle Practice.

Paid:

| | |
|---|----------|
| Co. E, 5th Mass. Infantry, amount appro- priated for target hire and transporta- tion to Wakefield, Mass..... | \$250 00 |
|---|----------|

Payment of City Debt.

Paid:

| | |
|--|-------------|
| Water Fund bonds, due Jan. 1, 1916, Nos. 69 to 72 inclusive..... | \$ 4,000 00 |
| School Loan of 1912, bonds due Jan. 1, 1916, Nos. 131 to 135 inclusive..... | 5,000 00 |
| High Schoolhouse Addition bonds, due Jan. 1, 1916, Nos. 3 and 4..... | 1,250 00 |
| Notes due Jan. 1, 1916, Nos. 27 and 28..... | 7,500 00 |
| Old Colony Trust Co., preparation and certi- fication | 1,620 00 |

EXPENDITURES

61

| | |
|---|-----------|
| Note due Feb. 1, 1916, No. 113..... | \$ 500 00 |
| Sewerage bond, due Feb. 1, 1916, No. 53.... | 500 00 |
| Note due Feb. 1, 1916, No. 132..... | 2,000 00 |
| Note due Dec. 1, 1915, No. 1, Wellington Road | 500 00 |
| Note due May 1, 1916, No. 2, Original Con- struction of Streets..... | 600 00 |
| Notes due May 1, 1916, Nos. 29, 108 and 117.. | 7,500 00 |
| Notes due May 15, 1916, Nos. 84, 85, 86, Play- ground Loan | 2,500 00 |
| Note due June 1, 1916, No. 2, High School Equipment | 500 00 |
| Bond due June 1, 1916, No. 1, Forest Street.. | 1,200 00 |
| Bonds due June 1, 1916, Nos. 1, 2 and 3, Han- cock Avenue Schoolhouse..... | 3,000 00 |
| Bond due July 1, 1916, No. 1, Playstead Road | 300 00 |
| Bond due July, 1916, No. 106, Playgrounds.. | 200 00 |
| Bonds due July, 1916, Nos. 196 to 201 in- clusive, Water Fund..... | 6,000 00 |
| Bonds due July, 1916, Nos. 104, 16 to 20 in- clusive School Loan of 1912..... | 6,000 00 |
| Bonds due July, 1916, Nos. 3 and 4, Original Construction of Streets..... | 1,700 00 |
| Bonds due July, 1916, Nos. 4 and 12, Surface Drainage | 2,000 00 |
| Bonds due July, 1916, Nos. 3 and 4, High School Original Equipment..... | 1,500 00 |
| Bonds due July, 1916, Nos. 4 to 6 inclusive, Additional Departmental Equipment.... | 2,700 00 |
| Bond due July, 1916, No. 4, Fire Station.... | 600 00 |
| Bond due July, 1916, No. 1, Fulton Heights School | 500 00 |
| Bond due Aug. 1, 1916, No. 5, Sidewalks and Edgestones | 1,000 00 |
| Bonds due Aug. 1, 1916, Nos. 37 and 38, Play- grounds | 1,500 00 |

| | |
|---|--------------|
| Bonds due Aug. 1, 1916, Nos. 105, 106, 108, 109 to 112 inclusive and 114 to 124 in- clusive, Sewerage | \$18,000 00 |
| Notes due August, 1916, Nos. 30 and 31..... | 16,000 00 |
| Bonds due September, 1916, Nos. 17 to 20 in- clusive, School of 1911..... | 4,000 00 |
| Bond due September, 1916, No. 42, High School Addition | 1,000 00 |
| Bonds due September, 1916, Nos. 11 and 12, Sidewalks | 2,000 00 |
| Bond due September, 1916, No., Hancock Ave. Schoolhouse | 250 00 |
| Note due September, 1916, No. 32..... | 2,400 00 |
| Bond due September, 1916, No. 34, Sewer- age | 500 00 |
| Bond due Oct., 1916, No. 1, Departmental Equipment | 800 00 |
| Bond due Oct., 1916, No. 1, Sidewalk..... | 400 00 |
| Bond due Nov., 1916, No. 6, Forest Street... | 1,400 00 |
| Note due Nov., 1916, No. 4, Charles River Basin | 1,000 00 |
| Bond due Nov. 1, 1916, No. 73, Sewerage.... | 500 00 |
| Note due Dec. 1, 1916, No. 34..... | 11,000 00 |
| Note due Dec. 1, 1916, No. 2, Farragut Avenue and Cherry Street Sidewalk Loan..... | 500 00 |
| Note due Dec. 1, 1916, No. 2, Wellington Road | 500 00 |
| Bond due Dec. 1, 1916, No. 102, Sewerage.. | 500 00 |
| Bond due Dec. 1, 1916, No. 1, Extreme Emergency | 500 00 |
| Bond due Dec. 1, 1916, No. 1, Surface Drain- age | 500 00 |
| Bonds due Dec. 1, 1916, Nos. 14 to 19 in- clusive, Municipal Loan | 6,000 00 |
| | <hr/> |
| | \$129,920 00 |

Salaries.

One year to January 1, 1917, unless specified.

Paid:

| | |
|---|------------|
| Benjamin F. Haines, Mayor..... | \$1,000 00 |
| Richard L. Baldwin, Mayor's Clerk..... | 700 00 |
| Edwin D. Curran, City Messenger..... | 1,200 00 |
| Edward W. Barrett, City Physician..... | 300 00 |
| Charles S. Baxter, City Solicitor..... | 800 00 |
| Charles T. Daly, Clerk of Committees from Jan. 4 | 495 97 |
| Edward W. Mitchell, Clerk of Committees, Jan. 1 to Jan. 3 inclusive..... | 4 03 |
| Harrie W. Peirce, Inspector of Animals..... | 100 00 |
| John J. Fitzpatrick, Registrar of Voters.... | 100 00 |
| Frank H. Bearce, Registrar of Voters to April 1 | 24 99 |
| George F. Cotting, Registrar of Voters from April 1 | 75 01 |
| John J. Conway, Registrar of Voters..... | 100 00 |
| Charles A. Winslow, Clerk of Registrars, Jan, 1 to Jan. 9 inclusive..... | 3 03 |
| Charles H. Loomis, Clerk of Registrars from Jan. 10 | 121 97 |
| Everard I. Langell, Treas. of Sinking Funds.. | 450 00 |
| Willard Dalrymple, Secretary of Commission- ers of Sinking Funds..... | 50 00 |
| Peter F. Lenox, Pound Keeper..... | 25 00 |
| | <hr/> |
| | \$5,550 00 |

Supreme Court Expenses.

Paid:

| | |
|---|----------|
| George C. Scott, professional services..... | \$151 40 |
| Chas. H. Loomis, cash paid for copies of records | 3 50 |

| | |
|---|----------|
| Nettie L. Windsor, transcript..... | \$ 30 20 |
| Rockwell & Churchill Press, printing briefs.. | 47 00 |
| L. H. Lane, printing motion to amend petition | 17 90 |
| | <hr/> |
| | \$250 00 |

State Highway Tax.

Paid:

| | |
|---|----------|
| Commonwealth of Massachusetts, tax for 1916 (Sect. 16, Chap. 47, Revised Laws) .. | \$430 00 |
|---|----------|

State Tax.

Paid:

| | |
|------------------------------------|-------------|
| Commonwealth of Massachusetts..... | \$51,360 00 |
|------------------------------------|-------------|

State Fire Prevention Tax.

Paid:

| | |
|--|----------|
| Commonwealth of Massachusetts, tax for 1916 (Chap. 795, Acts of 1914)..... | \$505 08 |
|--|----------|

Telephones—City Hall.

Paid:

| | |
|--|----------|
| New England Telephone & Telegraph Co., rental and tolls..... | \$399 03 |
|--|----------|

MEDFORD HISTORICAL SOCIETY.

ac. 2 8/14.

EXPENDITURES

65

ASSESSING DEPARTMENT.

Salaries of Assessors.

One year to Jan. 1, 1917, unless specified.

Paid:

| | |
|---|------------|
| Edward S. Randall, Chairman..... | \$ 850 00 |
| Henry Withington, to March 10..... | 164 52 |
| Frederick F. Hockaday, from March 11..... | 685 48 |
| Irvin E. Peak, to March 7..... | 157 66 |
| Herbert B. Lynde, from March 8..... | 692 34 |
| | <hr/> |
| | \$2,550 00 |

Assessors' Expenses.

Paid:

| | |
|---|------------|
| Clerk and assistants as per payrolls..... | \$2,889 90 |
| Medford Publishing Co., subscription for Mercury, advertising, printing..... | 402 75 |
| E. B. Thorndike & Son, subscription, adver- tising | 12 60 |
| J. C. Miller, Jr., envelopes, printing..... | 65 86 |
| Susan F. Chapin, carfares, expense..... | 33 36 |
| Page & Curtin, gas heater..... | 4 25 |
| George A. Curtis & Son, horse hire..... | 72 00 |
| Geo. H. Janes, Jr., electrical work..... | 8 58 |
| Ball's Express, expressing | 50 |
| Welch's Express, expressing..... | 3 05 |
| Adams, Cushing & Foster, books..... | 145 50 |
| H. B. McArdele, stationery supplies..... | 20 41 |
| W. A. Greenough & Co., directory..... | 3 00 |
| A. W. Brownell, printing..... | 20 00 |
| Auto List Pub. Co., card service..... | 20 00 |

| | |
|---|------------|
| L. L. Applin, transfers, numbers..... | \$ 56 92 |
| William Jones, information..... | 2 25 |
| Art Metal Construction Co., filing units..... | 48 00 |
| Sampson & Murdock Co., directory..... | 6 00 |
| Banker & Tradesman, subscription..... | 5 00 |
| E. Wentworth Prescott, information..... | 31 00 |
| | <hr/> |
| | \$3,850 93 |

AUDITING DEPARTMENT.

Salary of City Auditor.

One year to Jan. 1, 1917.

Paid:

| | |
|-------------------------|------------|
| George D. Cummings..... | \$1,450 00 |
|-------------------------|------------|

Auditing Department Expenses.

Paid:

| | |
|---|----------|
| Elsie E. Caughlan, clerical work..... | \$141 29 |
| Mabel A. Joyce, clerical work..... | 15 25 |
| J. C. Miller, Jr., printing, books, envelopes.. | 87 05 |
| Medford Post Office, postage stamps..... | 30 00 |
| Geo. D. Cummings, cash paid for sundries.. | 1 40 |
| Medford City Clerk's Dept., postage stamps.. | 75 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Francis Doane & Co., stationery supplies.... | 2 80 |
| Globe Stamp Works, stamps..... | 1 10 |
| | <hr/> |
| | \$282 64 |

EXPENDITURES

67

Printing Reports.

Paid:

| | |
|---|----------|
| Medford Publishing Co., on contract..... | \$474 51 |
| Medford Publishing Co., debt statements.... | 7 00 |
| George D. Cummings, supervising publication of annual report | 50 00 |
| Frederick Eeles Co., binding reports..... | 3 27 |
| Elsie E. Caughlan, reading proof..... | 3 63 |
| Medford Post Office, postage stamps..... | 62 |
| Welch's Express, expressing..... | 50 |
| | <hr/> |
| | \$539 53 |

CEMETERY DEPARTMENT.

Salaries of Trustees of Cemeteries.

Paid:

| | |
|--|----------|
| Robert W. Thorson, chairman, from Mar. 6.. | \$ 81 72 |
| Ellery A. Armstrong, one year to Jan. 1, 1917 | 50 00 |
| Fred W. Rauskolb, from Aug. 29..... | 17 07 |
| | <hr/> |
| | \$148 79 |

Care of Cemeteries.

Paid:

| | |
|---|------------|
| Superintendent and workmen, as per pay- rolls | \$7,082 15 |
| New England Telephone & Telegraph Co., rental and tolls..... | 58 40 |

| | |
|---|-----------|
| E. W. Mitchell, cash paid for freight, postage, expenses to National Convention..... | \$ 153 65 |
| Savage's Express Co., expressing..... | 25 |
| Welch's Express, expressing | 2 40 |
| American Express Co., expressing..... | 6 16 |
| Boston & Maine R. R., freight..... | 26 71 |
| J. N. Cowin & Co., grain, coal..... | 376 55 |
| Medford Highway Dept., shoeing, crushed stone, roller, labor..... | 68 32 |
| Page & Curtin, hardware, labor..... | 18 29 |
| Sinclair Hardware Co., tools, paint, rope, mowers, fertilizer, etc..... | 206 30 |
| Teel Mfg. Co., auto repairs, tires, etc..... | 321 26 |
| J. W. Brogan, manure..... | 44 00 |
| Morrison's Real Estate & Insurance Agency, insurance | 8 00 |
| W. F. Leahy, overalls..... | 5 00 |
| J. C. Miller, Jr., envelopes, printing..... | 11 50 |
| H. F. Walker, shoeing, repairing tools..... | 28 05 |
| R. D. Clawson, labor on fences..... | 120 00 |
| A. H. Kennedy, cleaning vault..... | 10 00 |
| H. F. Staples & Co., renovator, wax..... | 5 50 |
| Chas. A. Lucia, harness repairs..... | 1 25 |
| Medford Gypsy and B. T. Moths, labor, sup- plies | 121 00 |
| J. O. Goodwin & Co., insurance..... | 15 20 |
| Chas. W. Smith, sulpho-naphthol, etc..... | 23 75 |
| C. H. Tinkham, photo supplies..... | 5 20 |
| Frank H. Peak, stationery supplies..... | 3 50 |
| C. H. Hartshorn, stable supplies..... | 1 50 |
| Francis Doane & Co., stationery supplies.... | 9 65 |
| Standard Oil Co., gasoline..... | 85 27 |
| Park and Cemetery, subscription..... | 2 00 |
| Wetherly & Whitney, electrical supplies.... | 3 65 |
| Joseph Breck & Sons, seeds, tools, fertilizer, etc. | 191 20 |
| Thomas F. Royle, vaults..... | 87 75 |
| Waldo Bros., cement..... | 36 99 |

EXPENDITURES.

69

| | | |
|---|----|-------------|
| Geo. W. Blanchard & Co., lumber..... | \$ | 94 |
| Far-Near Nozzle Co., nozzles..... | | 3 14 |
| F. W. Gibbons & Co., seeds..... | | 15 00 |
| Chas. W. Sabin, harness and stable supplies | | 26 41 |
| Rawson Conservatories, plants..... | | 704 05 |
| Houghton & Dutton Co., cheese cloth..... | | 3 55 |
| Gulf Refining Co., gasoline, kerosene..... | | 71 20 |
| Puritan Iron Works, stall floors..... | | 10 20 |
| Henry A. Wheeler & Co., grave cloths..... | | 34 25 |
| Reade Mfg. Co., road cart, etc..... | | 58 50 |
| W. Arthur Lincoln, insurance..... | | 57 09 |
| Jas. J. Shannon & Co., typewriter repairs... | | 3 10 |
| Peter Henderson & Co., tools..... | | 12 90 |
| Ames Plow Co., tools, wheel barrows..... | | 25 30 |
| J. E. Sweeney, carpentry..... | | 28 50 |
| | | <hr/> |
| | | \$10,194 53 |

CITY CLERK'S DEPARTMENT.

Salary of City Clerk.

| | |
|--|------------|
| Paid: | |
| Charles H. Loomis, from Jan. 10..... | \$1,561 29 |
| Charles A. Winslow, Jan. 1 to Jan. 9 inclusive | 38 71 |
| | <hr/> |
| | \$1,600 00 |

City Clerk's Department Expenses.

| Paid: | |
|--|------------|
| Clerks, as per pay rolls..... | \$1,539 21 |
| New England Telephone & Telegraph Co., rental and tolls..... | 26 18 |
| Chas. H. Loomis, cash paid for revenue stamps, box rental, car fares..... | 14 31 |
| J. C. Miller, Jr., printing..... | 98 45 |
| E. B. Thorndike & Son, subscription..... | 1 00 |
| Medford Publishing Co., subscription, adver- tising | 36 00 |
| Medford Post Office, box rental..... | 2 00 |
| H. F. Walker, shelves, repairs..... | 7 00 |
| American Express Co., expressing..... | 5 35 |
| Globe Stamp Works, stamps..... | 1 60 |
| T. H. Ball, legal blanks..... | 1 85 |
| Morris-Ireland Safe Co., changing combina- tion | 2 50 |
| L. C. Smith & Bros. Typewriter Co., ribbons.. | 3 00 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Thos. F. Pedrick, subscription to Legislative Bulletin | 2 00 |
| Munson Supply Co., speed keys..... | 3 50 |
| F. W. Barry, Beale & Co., books..... | 2 60 |
| Adams, Cushing & Foster, tape..... | 55 |
| Sampson & Murdock Co., directory..... | 6 00 |
| York Safe & Lock Co., safe..... | 155 00 |
| Proudfit Loose Leaf Co., binder..... | 6 35 |
| Jas. J. Shannon & Co., adjusting..... | 1 40 |
| James H. Payne, posting..... | 6 00 |
| | <hr/> |
| | \$1,924 85 |

Reporting and Recording Births and Deaths.

| Paid: | |
|--|---------|
| Medford Publishing Co., advertising..... | \$ 2 00 |
| J. C. Miller, Jr., record book, envelopes..... | 33 40 |

EXPENDITURES

71

| | |
|--|-----------|
| James H. Payne, canvassing births..... | \$ 131 40 |
| Mary W. Clark, M.D., reporting births, 1915. | 7 25 |
| Edw. W. Barrett, M.D., reporting births, 1915 | 5 75 |
| N. F. Chandler, M.D., reporting births, 1915. | 3 25 |
| F. E. Campbell, M.D., reporting births, 1912, '13, '14 and '15..... | 28 00 |
| H. A. Donnell, M.D., reporting births, 1914, '15 | 7 25 |
| Fred'k R. Hsley, M.D., reporting births, 1914, '15 | 5 00 |
| Geo. W. Mills, M.D., reporting births, 1915.. | 6 00 |
| Walter T. Burke, M.D., reporting births, 1915. | 5 00 |
| J. W. Lawrence, M.D., reporting birth, 1915.. | 25 |
| H. A. Walker, M.D., reporting births, 1915... | 9 00 |
| E. H. MacMichael, M.D., reporting births, 1915 | 50 |
| F. A. Hodgdon, M.D., reporting birth, 1915.. | 25 |
| Wm. H. McBain, M.D., reporting births, 1915 | 50 |
| Hollis L. Seavey, M.D., reporting births, 1914, '15 | 50 |
| D. D. Nalchajian, M.D., reporting birth, 1915 | 25 |
| C. D. McCarthy, M.D., reporting birth, 1916.. | 25 |
| J. E. Henderson & Co., reporting deaths, 1915.. | 1 75 |
| John Bryants' Sons, reporting deaths, 1915.. | 3 25 |
| G. F. McKenna & Son, reporting deaths, 1915.. | 2 25 |
| Geo. E. Holbrook, reporting deaths, 1915.... | 8 50 |
| Edw. J. Gaffey, reporting deaths, 1915..... | 14 50 |
| Geo. Nichols Co., reporting deaths, 1915..... | 23 75 |
| | <hr/> |
| | \$299 80 |

Election Expenses.

| | |
|---|------------|
| Paid: | |
| Election officers, as per payrolls..... | \$1,923 00 |

| | |
|--|----------|
| Malden Electric Co., light..... | \$ 14 00 |
| Jas. W. Robertson, coffee, lunch, Dec. 6, 1915. | 12 00 |
| Medford Highway Dept., moving polling booth, labor | 40 28 |
| J. C. Miller, Jr., printing..... | 529 60 |
| James H. Payne, posting..... | 6 00 |
| Sinclair Hardware Co., tacks, screws, etc.... | 8 01 |
| George H. Archibald, labor, teaming..... | 107 70 |
| Hillside Men's Club, rent for hall..... | 60 00 |
| Isadore Emery, preparing books..... | 6 75 |
| G. S. Lambert, janitor service, 2 years..... | 17 50 |
| James M. Wheeler, janitor service, 1915..... | 5 00 |
| Paul G. Bickford, janitor service, 2 years.... | 20 00 |
| F. H. Walker, janitor service, 1915..... | 10 00 |
| W. B. Harvey, janitor service, 2 years..... | 20 00 |
| A. W. Morse, janitor service, 1915..... | 10 00 |
| B. F. Samson, janitor service, 2 years..... | 17 50 |
| McClellan's Express, teaming..... | 77 25 |
| Frank H. Peak, pencils, books..... | 66 |
| E. J. Hervey Co., candles..... | 11 44 |
| Medford Publishing Co., advertising, printing | 105 50 |
| Simon White, paint, labor..... | 20 42 |
| Page & Curtin, screws..... | 79 |
| Mystic Publishing Co., advertising..... | 43 00 |
| George M. Weston, posting..... | 52 13 |
| S. C. Lawrence Post 66, rent for hall..... | 50 00 |
| Geo. H. Janes, Jr., electrical work..... | 10 08 |
| Emery D. Holmes, serving notice..... | 1 10 |
| Elsie E. Caughlan, clerical work..... | 75 50 |
| E. B. Thorndike & Son, advertising..... | 23 62 |
| M. L. Kelly, work on ballot boxes..... | 2 50 |
| Chas. H. Loomis, cash paid for pencils, ink, coke, etc. | 5 29 |
| A. Lane, food for recount, Sept. 30, breakfasts for Police at Elections..... | 16 50 |
| Geo. W. Blanchard & Co., lumber..... | 2 59 |
| Dennison Mfg. Co., seals..... | 4 05 |

EXPENDITURES

73

| | |
|---|------------|
| Edgar Hall, repairing ballot boxes..... | \$ 8 00 |
| Cotton & Gould, crayons..... | 2 50 |
| | <hr/> |
| | \$3,320 26 |

Printing and Advertising Ordinances.

Paid:

| | |
|--|---------|
| E. B. Thorndike & Son, advertising..... | \$ 2 81 |
| Medford, City Clerk's Dept. Expenses, amount erroneously charged..... | 22 19 |
| | <hr/> |
| | \$25 00 |

State Aid.

Paid:

| | |
|--------------------------------------|------------|
| Sundry Persons, as per payrolls..... | \$5,972 20 |
|--------------------------------------|------------|

COLLECTING DEPARTMENT.

Salary of City Collector.

One year to January 1, 1917.

Paid:

| | |
|----------------------|------------|
| Edward W. Hayes..... | \$1,600 00 |
|----------------------|------------|

Collecting Department Expenses.

Paid:

| | |
|------------------------------|------------|
| Clerks, as per payrolls..... | \$1,704 51 |
|------------------------------|------------|

| | |
|--|------------|
| Edw. W. Hayes, cash paid for stamps, recording, car fares..... | \$ 549 32 |
| Edwin D. Curran, posting notices..... | 8 80 |
| J. C. Miller, Jr., printing..... | 24 35 |
| Medford Publishing Co., printing, advertising, | 933 25 |
| Page & Curtin, tin, labor..... | 1 00 |
| Frank H. Peak, seals..... | 1 05 |
| Helen T. Wild, clerical work..... | 46 65 |
| Ruth Randall, clerical work..... | 21 00 |
| Geo. H. Archibald, carpentry..... | 5 20 |
| John T. Dixon, cleaning stamps..... | 3 00 |
| Laura E. Blakely, clerical work..... | 16 50 |
| Marjorie Parsons, clerical work..... | 9 00 |
| Adams, Cushing & Foster, books, cards, etc... | 201 77 |
| Banker & Tradesman, subscription..... | 5 00 |
| Munson Supply Co., speed keys..... | 3 50 |
| Fred A. Turner, rubber stamps, etc..... | 1 00 |
| W. A. Greenough & Co., directory..... | 3 00 |
| H. M. Meserve & Co., stationery..... | 95 |
| Hobbs & Warren, legal blanks..... | 2 31 |
| Elroy S. Thompson, pamphlets..... | 20 00 |
| Geo. W. Blanchard & Co., lumber..... | 3 90 |
| F. R. Adams, paper..... | 1 59 |
| | <hr/> |
| | \$3,566 65 |

ESTATES BOUGHT AT SALE FOR TAXES.

| Assessed to | Property | Year | Taxes | Interest | Costs | Watering Assessment | Gypsy and B. T. Moth Assessment | Various | Total |
|----------------------------|--|------|--------|----------|-------|---------------------|---------------------------------|---------------------|--------|
| John F. Kinney..... | 3696 sq. ft., E. side, Marston St. | 1913 | | 23.50 | 10. | | | Sewer Assm't 206.21 | 239.71 |
| Fred C. Tobey, Tr..... | South side, 6 in. reserved strip, Yale St..... | | | | | | | 80.16 | 277.44 |
| Jennie E. Keeden..... | 5704 sq. ft. Fellsway West..... | 1914 | 2.04 | .18 | 6.70 | | | 197.28 | 8.92 |
| Beulah M. Philbrick..... | 4077 sq. ft., Westwood Road.... | 1914 | 2.04 | .18 | 6.50 | | | | 8.72 |
| Fred C. Tobey, Tr..... | 498 sq. ft. Yale St..... | 1914 | 1.02 | .09 | 6.50 | | | | 7.61 |
| Edw. J. Doherty, Tr..... | 3772 sq. ft., South St. cor. Touro Ave..... | 1914 | 135.66 | 16.00 | 6.50 | 3.86 | | * 5.30 Int. 1.07 | 168.39 |
| Mrs. Elizabeth Doherty.... | 2728 sq. ft., Malvern Terrace.. | 1914 | 33.66 | 3.68 | 6.50 | | | | 43.84 |
| Mrs. Elizabeth Doherty.... | 2661 sq. ft., Malvern Terrace.. | 1914 | 76.50 | 8.40 | 6.50 | | | | 91.40 |
| Mrs. Elizabeth Doherty.... | 3047 sq. ft., Malvern Terrace.. | 1914 | 79.56 | 8.73 | 6.50 | | | | 94.79 |
| Mrs. Elizabeth Doherty.... | 4302 sq. ft., Malvern Terrace.. | 1914 | 37.74 | 4.14 | 6.50 | | | | 48.38 |
| John F. Kinney..... | Summer St., cor. Marston.... | 1914 | | 1.57 | 6.50 | | | ** 16.25 | 24.32 |

*Sewer H. C. Appor.
**Edgestone.

MEDFORD HISTORICAL SOCIETY.

ac. 28/14

ESTATES BOUGHT AT SALE FOR TAXES—Continued

| Assessed to | Property | Year | Taxes | Interest | Costs | Watering Assessment | Gypsy and B. T. Moth Assessment | Various | Total |
|---------------------------|--|------|-------|----------|-------|---------------------|---------------------------------|---------------------|-------|
| Fred'k W. McGowan, Tr.... | 617 sq. ft., lot A., Douglas Rd.. | 1914 | | .68 | 6.50 | | | Betterments 5.76 | 12.94 |
| City of Medford..... | 3500 sq. ft., Sawyer St..... | 1914 | .99 | | | | | | .99 |
| City of Medford..... | 3500 sq. ft., Sawyer St..... | 1914 | .99 | | | | | | .99 |
| City of Medford..... | 5320 sq. ft., Paris St..... | 1914 | 11.22 | | | 1.20 | | | 12.42 |
| City of Medford..... | 800 sq. ft., Paris St..... | 1914 | 2.04 | | | | | | 2.04 |
| City of Medford..... | 5696 sq. ft., Fulton St..... | 1914 | 9.18 | | | | | | 9.18 |
| City of Medford..... | 3837 sq. ft., rear Fellsway West | 1914 | 2.04 | | | | | | 2.04 |
| City of Medford..... | 6075 sq. ft., Winslow Ave..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 5723 sq. ft., Winslow Ave., cor. Arlington St..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 4794 sq. ft. Winslow Ave., cor. Arlington street..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 4658 sq. ft., Arlington St..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 4000 sq. ft., Arlington St..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 5632 sq. ft., Rand St..... | 1914 | .51 | | | | | | .51 |
| City of Medford..... | 5492 sq. ft., Rand St..... | 1914 | .51 | | | | | | .51 |
| City of Medford..... | 4046 sq. ft., Rand St..... | 1914 | .51 | | | | | | .51 |
| City of Medford..... | 3942 sq. ft., Rand St..... | 1914 | .51 | | | | | | .51 |
| City of Medford..... | 3837 sq. ft., Rand St..... | 1914 | .51 | | | | | | .51 |

ESTATES BOUGHT AT SALE FOR TAXES—Continued

| Assessed to | Property | Year | Taxes | Interest | Costs | Watering Assessment | Gypsy and B. W. Moth Assessment | Various | Total |
|------------------------|--|------|-------|----------|-------|---------------------|---------------------------------|---------|-------|
| City of Medford..... | 3792 sq. ft., Rand St..... | 1914 | .51 | | | | | | .51 |
| City of Medford..... | 5550 sq. ft., Waddell St..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 3500 sq. ft., Sawyer St., cor. Bowen Ave..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 3500 sq. ft., Sawyer St..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 3500 sq. ft., Sawyer St..... | 1914 | 1.02 | | | | | | 1.02 |
| City of Medford..... | 2809 ft. land, lot 12 Leyden St., cor. Albion..... | 1914 | 3.06 | | | | | | 3.06 |
| City of Medford..... | 7000 ft. land, lots 9 and 10, Saw- yer St..... | 1914 | 2.04 | | | | | | 2.04 |
| City of Medford..... | 3150 ft. land, W. pt., lot 39, rear William St..... | 1914 | 3.06 | | | | | | 3.06 |
| Edw. B. Manaton..... | 1450.53 ft. land, plat. 9, Savin St. | 1914 | 29.58 | | | | | | 29.58 |
| Robert C. Orpin..... | 450 ft. land, off Myrtle St..... | 1914 | 1.02 | | | | | | 1.02 |
| Robert C. Orpin..... | 1330 ft. land, Waddell St..... | 1914 | .51 | | | | | | .51 |
| Robert C. Orpin..... | 620 ft. land, Waddell St..... | 1914 | .51 | | | | | | .51 |
| Asa W. Richardson..... | 2505 ft. land, (with bldg.) Uni- versity Ave..... | 1914 | 14.28 | | | | | | 14.28 |
| Emily A. Cox..... | 1188 ft. land, lot 10, Lawn Park | 1914 | 2.04 | | | | | | 2.19 |
| Samuel H. Hellen..... | 320 ft. land, Paris St..... | 1914 | 1.02 | | | .07 | .15 | | 1.09 |
| Chas. H. Hill..... | 5888 ft. land, lot 43, Rand St... | 1914 | 1.02 | | | | | | 1.02 |

ESTATES BOUGHT AT SALE FOR TAXES—Continued

| Assessed to | Property | Year | Taxes | Interest | Costs | Watering Assessment | Gypsy and R. T. Moth Assessment | Various | Total |
|-----------------------------|--|------|-------|----------|-------|---------------------|---------------------------------|---------|-------|
| Robert J. Jones..... | 4200 ft. land, lot 72, Rural St... | 1914 | 6.12 | | | | | | 6.12 |
| Robert J. Jones..... | 3662 ft. land, lot 73, Rural St... | 1914 | 5.10 | | | | | | 5.10 |
| Mary E. Keen..... | 19150 ft. land, Mystic Ave..... | 1914 | 19.38 | | | 2.76 | | | 22.14 |
| John F. Kinney..... | 4490 ft. land, Marston, George to Summer Sts..... | 1914 | 9.18 | | | .32 | | | 9.50 |
| Mary A. Mooney..... | 280 ft. land, pt. lot 7, Sheridan Ave. | 1914 | 1.02 | | | | | | 1.02 |
| Mary A. Mooney..... | 308 ft. land, pt. lot 8, Sheridan Ave. | 1914 | 1.02 | | | | | | 1.02 |
| Nellie M. Naughton..... | 1110 ft. land, pts. lots 96 and 97 Fellsway to Pleasant St..... | 1914 | 5.10 | | | | | | 5.10 |
| Nellie M. Naughton..... | 6210 ft. land, S. pt, lot 96 Fells- way..... | 1914 | | | | | | | |
| Nellie M. Naughton..... | 5110 ft. land, S. pt. lot 97 Fells- way..... | 1914 | | | | | | | |
| Adelaide L. Richardson..... | 2 30-100 acres off Hall St..... | 1914 | 6.12 | | | | | | 6.12 |
| Patrick J. Sullivan..... | 3880 ft. land, lot 205 Draper St. to Guild St..... | 1914 | 6.12 | | | | | | 6.12 |
| Patrick J. Sullivan..... | 3182 ft. land, lot 204, Draper St. to Guild St..... | 1914 | | | | | | | |

ESTATES BOUGHT AT SALE FOR TAXES—Continued

| Assessed to | Property | Year | Taxes | Interest | Costs | Watering Assessment | Gypsy and R. T. Moth Assessment | Various | Total |
|------------------------|---|------|-------|----------|-------|---------------------|---------------------------------|---------|-------|
| Ralph T. Thatcher..... | 7081 ft. land, lots 2, 3, 4, 5, 6 and 7, Lawn Park..... | 1914 | 12.24 | | | | .00 | | 13.14 |
| Laura M. Westall..... | 1996 ft. land, Riverside Ave., cor. Carolina St..... | 1914 | 4.08 | | | .07 | | | 4.15 |
| Willard Welsh..... | 8 41-100 acres, Rockwell Ave. | 1914 | 34.68 | | | | | | 34.68 |
| City of Medford..... | 3862 ft. land, S. pt. lot 79, Sheridan Ave..... | 1914 | 15.30 | | | 1.43 | | | 16.73 |
| City of Medford..... | 20240 ft. land, Terrace Rd. to June. Governors Ave..... | 1914 | 8.16 | | | | | | 8.16 |
| City of Medford..... | 224 ft. land, Sharon St..... | 1914 | 1.02 | | | .07 | | | 1.09 |
| City of Medford..... | 2000 ft. land, Jerome St. June. Sherman St..... | 1914 | 5.10 | | | 6.76 | | | 11.86 |
| City of Medford..... | 720 ft. land, E. pt. lot 38, Linden St..... | 1914 | 9.18 | | | | | | 9.18 |
| City of Medford..... | 10224 ft. land, lot 32, Linden St. | 1914 | | | | | | | |
| City of Medford..... | 31-100 acres, Myrtle St. to Creekhead | 1914 | | | | | | | |

ESTATES BOUGHT AT SALE FOR TAXES—Continued

| Assessed to | Property | Year | Taxes | Interest | Costs | Watering Assessment | Gypsy and B. T. Moth Assessment | Various | Total |
|----------------------|--------------------------------------|------|---------|----------|-------|---------------------|---------------------------------|---------|-------------------|
| City of Medford..... | 1099 ft. land, lot 11, Lawn Park. | 1914 | } 14.28 | | | | | | 15.68 |
| City of Medford..... | 1077 ft. land, lot 12, Lawn Park. | 1914 | | | | | | | |
| City of Medford..... | 4530 ft. land, lot 9, E. Albion St. | 1914 | | | | | | | |
| City of Medford..... | 304 ft. land, pt. lot 13, Alfred St. | 1914 | | | | | | | |
| City of Medford..... | 1219 ft. land, lot 8, Lawn Park.. | 1914 | | | | | | | |
| City of Medford..... | 1196 ft. land, lot 9, Lawn Park.. | 1914 | | | | | | | |
| | | | | | | .85 | .45 | | |
| | | | | | | | | | \$1,301.53 |

EXPENDITURES

ELECTRICAL DEPARTMENT.

Salary of Superintendent of Wires and Gas Fittings.

Paid:
Henry A. Gaffney..... \$1,400 00

Electrical Department Expenses.

Paid:
Workmen, as per pay rolls..... \$ 18 00
New England Telephone & Telegraph Co.,
rental and tolls..... 27 65
Henry A. Gaffney, use of auto, sundries..... 252 00
J. C. Miller, Jr., printing..... 23 75
E. B. Thorndike & Son, printing..... 3 00
Frank H. Peak, stationery supplies..... 3 37
Bigelow Motor Club, charging battery..... 50
A. J. Wilkinson & Co., drill..... 16 00

\$344 27

Fire and Police Signal Service.

Paid:
Workmen, as per pay rolls..... \$181 13
Gamewell Fire Alarm Tel. Co., police boxes,
wheel, etc. 158 50
Stuart-Howland Co., supplies..... 34 08
Page & Curtin, batteries, etc..... 14 78
Geo. H. Janes, Jr., repairs..... 1 31
Sinclair Hardware Co., zines, tape..... 2 85
Henry A. Gaffney, use of auto..... 50 00
Welch's Express, expressing..... 15
American Express Co., expressing..... 1 42

\$444 22

Street Lights.

| | |
|---------------------------------|-------------|
| Paid: | |
| Malden Electric Co., light..... | \$24,407 40 |
| Geo. H. Janes, Jr..... | 7 10 |
| | <hr/> |
| | \$24,414 50 |

ENGINEERING DEPARTMENT.**Salary of City Engineer.**

One year to Jan. 1, 1917.

| | |
|-----------------------|------------|
| Paid: | |
| Fred R. Charnock..... | \$1,800 00 |

Engineering Department Expenses.

| | |
|--|------------|
| Paid: | |
| Engineer's assistants, as per pay rolls..... | \$4,137 16 |
| New England Telephone & Telegraph Co., rental and tolls | 23 34 |
| Fred R. Charnock, carfares, incidentals..... | 165 35 |
| Medford Publishing Co., subscription, print- ing, copies of report..... | 33 00 |
| W. C. Miles Co., stock, labor..... | 59 80 |
| Ruth Thomas, typewriting..... | 2 00 |
| Sinclair Hardware Co., nails..... | 60 |
| C. H. Tinkham, photo work..... | 2 50 |
| C. H. Hartshorn, repairing bag..... | 1 25 |
| Howard H. Carroll, labor..... | 12 32 |
| J. C. Miller, Jr., printing..... | 7 15 |

EXPENDITURES

83

| | | |
|---|----|------------|
| American Express Co., expressing..... | \$ | 57 |
| Adams, Cushing & Foster, paper..... | | 19 04 |
| Ledder & Probst, blue prints, tapes, etc..... | | 66 64 |
| C. L. Berger & Sons, instrument parts..... | | 20 75 |
| B. L. Makepeace, blue prints..... | | 6 08 |
| W. A. Greenough & Co., directory..... | | 3 00 |
| Brown-Howland Co., cards..... | | 11 51 |
| | | <hr/> |
| | | \$4,572 06 |

FIRE DEPARTMENT.

Salaries of Engineers and Firemen.

One year to Jan. 1, 1917.

Paid:

| | |
|---|-------------|
| Chief and permanent men, as per pay rolls.. | \$27,001 27 |
| Call men, as per pay rolls..... | 2,213 83 |
| | <hr/> |
| | \$29,215 10 |

Ordinary Expenses—Fire Department.

Paid:

| | |
|--|----------|
| New England Telephone & Telegraph Co., rental and tolls | \$171 74 |
| Medford Water Div., water..... | 50 73 |
| Malden Electric Co., light..... | 50 80 |
| M. & M. Gas Light Co., gas..... | 147 96 |
| J. A. Hanson, auto license..... | 1 00 |
| F. E. Samson, auto license..... | 1 00 |
| Joseph W. McKeon, auto license..... | 1 00 |

| | |
|---|--------|
| H. D. Fraser, auto license..... | \$ 50 |
| Thomas A. Qualey, auto license..... | 1 00 |
| H. M. Woodbridge, auto license..... | 50 |
| A. W. Morse, auto license..... | 1 00 |
| H. E. Bradish, auto license..... | 50 |
| E. H. Babcock, auto license..... | 1 00 |
| B. C. Papkee, auto license..... | 1 00 |
| C. E. Bacon, cash paid for freight, etc..... | 2 67 |
| Cradock Garage, supplies, labor..... | 197 79 |
| Sinclair Hardware Co., barrels, batteries, etc.. | 25 29 |
| Warren & Torrens, oil..... | 38 80 |
| E. Teel & Co., repairs..... | 13 45 |
| Page & Curtin, shovels, boiler, labor, etc.... | 51 53 |
| Holson Kenny, watchman services..... | 2 00 |
| West Medford Auto Co., repairs, supplies.... | 101 44 |
| Wellman Co., repairs | 1 92 |
| Klein's Furniture Store, shades..... | 1 20 |
| H. F. Walker, repairs, labor..... | 45 63 |
| C. H. Tinkham, clock repairs..... | 3 50 |
| Morrison's Real Estate and Insurance Agency, insurance | 298 00 |
| Warren H. Keay, paint, labor..... | 2 98 |
| Edward F. Kent, oil..... | 5 40 |
| McClellan's Express, expressing..... | 2 25 |
| Savage's Express Co., expressing..... | 1 65 |
| Welch's Express, expressing..... | 1 00 |
| American Express Co., expressing..... | 2 43 |
| Medford Publishing Co., advertising..... | 3 25 |
| Locke Coal Co., coal..... | 895 19 |
| Gordon B. Trowbridge, auto sundries..... | 11 35 |
| E. S. Bacon, spark plugs..... | 13 20 |
| J. E. Ober & Son, cord..... | 1 40 |
| J. N. Cowin & Co., soft coal..... | 3 00 |
| Est. John A. Morgan, moth compound..... | 70 |
| David Anderson, lock repairs, keys..... | 3 30 |
| J. C. Miller, Jr., printing..... | 4 00 |
| Mystic Rubber Co., tire repairs..... | 12 75 |
| Mystic Publishing Co., advertising..... | 3 50 |

EXPENDITURES

85

| | |
|---|---------|
| Wm. E. Ober, batteries..... | \$ 3 95 |
| W. W. Foye, bed, spring, mattress..... | 10 00 |
| Clifford, Black & Co., shades..... | 3 38 |
| R. D. Glawson, repairing..... | 20 00 |
| Chas. H. Walley, painting..... | 12 21 |
| G. F. Lombard & Son, auto supplies, etc..... | 90 26 |
| Frank H. Peak, book, tags..... | 4 12 |
| Richard S. Leary, cheese cloth..... | 4 00 |
| Alex. MacDonald, carbon remover..... | 1 00 |
| Otto J. C. Neilson, pipe, repairs..... | 9 26 |
| Teel Mfg. Co., tires..... | 105 75 |
| Medford Ice Co., ice..... | 5 15 |
| F. H. Walker, auto license..... | 1 00 |
| A. S. Noyes, services..... | 2 00 |
| Thos. M. Hutchinson, auto license..... | 1 00 |
| B. F. Samson & Co., metal polish..... | 5 00 |
| Adam J. Cliffe, glazing..... | 1 25 |
| T. D. Collins, oil..... | 7 80 |
| C. H. Hartshorn, polish, sundries..... | 1 00 |
| Woburn Laundry Co., laundry work..... | 29 10 |
| Remington Typewriter Co., ribbons, etc..... | 55 85 |
| Spar-Light Co., spar-light..... | 1 63 |
| Baker Motor Sales Co., supplies, labor..... | 106 40 |
| Wetherbee Bros. Co., batteries..... | 6 75 |
| Gulf Refining Co., gasoline..... | 319 39 |
| Crandall Packing Co., grease..... | 5 00 |
| Solshine Mfg. Co., metal polish..... | 13 41 |
| Frank J. Jameson, sponges..... | 45 00 |
| Highland Coal Co., coal..... | 140 48 |
| American La France Fire Engine Co., repairs, supplies | 124 26 |
| Richardson, Wright & Co., beds, mattresses, pillows, etc. | 66 30 |
| Somerville Brush Co., mops..... | 15 35 |
| Houghton & Dutton Co., blankets..... | 45 00 |
| C. B. Smith & Bro., soda..... | 25 20 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Farley, Harvey & Co., bedding..... | 29 15 |

| | |
|---|------------|
| J. B. Felleul & Son, hardware..... | \$ 2 00 |
| Dayton Tire Co., tires..... | 422 15 |
| Fred H. Wentworth, insignias..... | 6 21 |
| J. A. Cribby, wrenches..... | 2 50 |
| W. A. Wood Co., waste..... | 39 38 |
| Boston Woven Hose & Rubber Co., washers, etc. | 11 40 |
| Cornelius Callahan Co., lantern globes..... | 4 15 |
| Vera Chemical Co., soap powder..... | 15 60 |
| F. H. Naven, laundry work..... | 56 20 |
| Geo. W. Blanchard & Co., lumber..... | 9 07 |
| John C. Dettra & Co., Inc., bunting..... | 7 79 |
| Ernst Flentje, shock absorbers..... | 270 00 |
| E. W. Palmer Co., hardware..... | 5 20 |
| Pyrene Mfg. Co., pyrene liquid..... | 4 50 |
| Standard Oil Co., gasoline..... | 136 85 |
| Grether Fire Equipment Co., searchlight.... | 12 50 |
| Knox Motors Associates, auto repairs..... | 100 51 |
| | <hr/> |
| | \$4,605 71 |

HEALTH DEPARTMENT.

Salaries of Board of Health.

One year to Jan. 1, 1917.

| | |
|--------------------------------------|----------|
| Paid: | |
| Alfred J. Hawks, M.D., chairman..... | \$50 00 |
| Franklin E. Campbell, M.D..... | 50 00 |
| Warren S. McIntire..... | 50 00 |
| | <hr/> |
| | \$150 00 |

Salaries of Inspectors.

One year to Jan. 1, 1917.

| | |
|---|------------|
| Paid: | |
| Leslie E. Morrison, Inspector of Plumbing.. | \$1,000 00 |
| Winslow Joyce, Inspector of Milk and Vinegar | 500 00 |
| Francis W. Lumbert, Inspector of Meats and Provisions | 150 00 |
| | <hr/> |
| | \$1,650 00 |

Health Department Expenses.

| | |
|---|----------|
| Paid: | |
| Alvin R. Reed, salary as clerk, one year to Jan. 1, 1917..... | \$800 00 |
| Leslie E. Morrison, salary as Health Inspector, one year to Jan. 1, 1917..... | 250 00 |
| Leslie E. Morrison, burying cats, dogs, car-fares, sundries | 23 40 |
| Paul J. D. Haley, M.D., acting medical inspector | 37 50 |
| New England Telephone & Telegraph Co., rental and tolls..... | 68 84 |
| Medford Highway Dept., care of team, use of auto, gasoline, etc. | 165 51 |
| Alfred J. Hawks, M.D., professional services. | 112 00 |
| Franklin E. Campbell, M.D., professional services | 8 80 |
| C. R. Draper, M.D., professional services..... | 30 00 |
| Chas. F. K. Bean, M.D., professional services, | 30 00 |
| Medford Post Office, postage stamps..... | 13 21 |
| Welch's Express, expressing..... | 25 |
| Cradock Garage, service to Danvers..... | 270 00 |
| Nina Manning, attendance to Danvers..... | 8 00 |
| Daniel N. Howard, drugs..... | 2 95 |

| | |
|---|------------|
| C. W. Morrison, clerical work..... | \$ 36 00 |
| Walter Martell, service to Danvers..... | 10 00 |
| Gordon B. Trowbridge, service to Danvers.. | 10 00 |
| Dearborn Hospital, attendance | 2 00 |
| Emery D. Holmes, serving notice..... | 2 00 |
| J. C. Miller, Jr., printing..... | 12 00 |
| Thos. F. McGuine, serving writs..... | 7 20 |
| Teel Mfg. Co., Ford car, tires, rental..... | 564 10 |
| Medford Publishing Co., printing..... | 32 50 |
| J. B. Simpson, burying cats..... | 3 00 |
| Else Neil, attendance to Danvers..... | 2 00 |
| Frank H. Peak, book..... | 2 25 |
| John W. Enright, cultures, etc..... | 13 50 |
| Burke's Pharmacy, tire..... | 20 95 |
| Fox, Fultz & Co., supplies..... | 6 78 |
| Underwood Typewriter Co., ribbon..... | 1 00 |
| Thorp & Martin Co., stationery supplies..... | 7 10 |
| Everett Health Dept., physicians' visits..... | 3 00 |
| | <hr/> |
| | \$2,555 84 |

Contagious Diseases.

Paid:

| | |
|---|----------|
| J. E. Ober & Son, coal, groceries..... | \$187 14 |
| F. P. Kent, groceries..... | 27 00 |
| C. R. Gray, milk, eggs..... | 83 00 |
| Pliny C. Chandler, cultures..... | 14 10 |
| J. C. Miller, Jr., printing..... | 26 50 |
| John W. Enright, cultures, tongue depressors, | 58 00 |
| Daniel N. Howard, cultures, etc..... | 66 40 |
| Medford Visiting Nurse Association, visits.. | 101 80 |
| Paul J. D. Haley, M.D., medical inspector.... | 112 50 |
| Sinclair Hardware Co., fixture..... | 2 25 |
| Medford Highway Dept., gasoline, use of car. | 204 46 |
| Cradock Garage, tire repairs..... | 1 20 |
| Anthony C. Zacher, tire, repairing..... | 24 40 |
| Highley's Pharmacy, cultures, supplies..... | 22 50 |

EXPENDITURES

89

| | |
|--|------------|
| Alfred J. Hawks, cash advanced to a tuberculosis case waiting for culture..... | \$ 15 00 |
| Andrew J. Guthrie, professional services.... | 30 00 |
| Welch's Express, expressing..... | 50 |
| American Express Co., expressing..... | 52 |
| Mass. Homoeopathic Hospital, board, etc.... | 249 00 |
| Rutland State Sanatorium, board, care..... | 217 15 |
| City of Cambridge, board, care..... | 6 43 |
| City of Somerville, board, care..... | 105 00 |
| City of Lowell, board, care..... | 104 00 |
| City of Boston, board, care..... | 220 00 |
| City of Everett, board, care..... | 101 43 |
| City of Malden, board, care..... | 125 14 |
| Westfield State Sanatorium, board..... | 797 70 |
| North Reading State Sanatorium, board.... | 207 44 |
| Burke's Pharmacy, tires, tubes..... | 53 50 |
| Thos. W. Reed Co., supplies..... | 15 20 |
| | <hr/> |
| | \$3,179 26 |

Infantile Paralysis.

Paid:

| | |
|---|---------|
| Medford Police Dept., services..... | \$ 4 20 |
| Medford Publishing Co., printing..... | 18 00 |
| Mass. Homoeopathic Hospital, board..... | 114 30 |
| John W. Enright, tongue depressors..... | 10 00 |
| A. J. Hawks, M.D., for cash advanced to relieve case, medical inspection..... | 262 00 |
| Walter T. Burke, M.D., medical inspection... | 30 00 |
| Harry C. Burrell, M.D., medical inspection.. | 30 00 |
| P. F. Gahan, M.D., medical inspection..... | 30 00 |
| E. R. Fleming, M.D., medical inspection..... | 30 00 |
| Fred'k R. Ilsley, M.D., medical inspection... | 30 00 |
| E. A. Knowles, M. D., medical inspection.... | 30 00 |
| Jas. C. D. Clark, M.D., medical inspection... | 30 00 |
| N. F. Chandler, M.D., medical inspection.... | 30 00 |
| F. E. Campbell, M.D., medical inspection.... | 130 00 |

| | |
|---|----------|
| Teel Mfg. Co., rent for car, tire..... | \$ 75 00 |
| Medford Highway Dept., use of car, etc..... | 19 01 |
| | <hr/> |
| | \$872 51 |

HIGHWAY DEPARTMENT.

Salary of Street Commissioner.

| | |
|------------------------------------|------------|
| Paid: | |
| Hugh G. Kennedy, from Jan. 12..... | \$1,746 77 |

Salary of Superintendent of Moth Suppression.

One year to Jan. 1, 1917.

| | |
|----------------------|----------|
| Paid: | |
| Hugh G. Kennedy..... | \$400 00 |

Ashes, Collection of

| | |
|--|-------------|
| Paid: | |
| Workmen, as per pay rolls..... | \$11,674 14 |
| E. Teel & Co., cart body, repairs, etc..... | 225 22 |
| E. W. Barrett, M.D., professional services... | 5 00 |
| W. C. Miles Co., lumber..... | 9 75 |
| Sinclair Hardware Co., hardware..... | 4 50 |
| Medford, General Repairs of Highways, team- ing | 2,630 54 |
| H. F. Walker, repairs..... | 2 50 |
| Mortimer E. Wilber, printing..... | 17 35 |
| Washington Square Pharmacy, drugs..... | 1 00 |

EXPENDITURES

91

| | | |
|---|----|-------------|
| Industrial Accident Board, examination..... | \$ | 5 00 |
| Mass. Charitable Eye & Ear Infirmary, abstract of record..... | | 1 00 |
| | | <hr/> |
| | | \$14,576 00 |

Bridges.

Paid:

| | | |
|--------------------------------------|----|----------|
| Workmen, as per pay rolls..... | \$ | 91 19 |
| Geo. W. Blanchard & Co., lumber..... | | 72 72 |
| Wacco Supply Co., pipe..... | | 11 09 |
| W. C. Miles Co., lumber, labor..... | | 25 00 |
| | | <hr/> |
| | | \$200 00 |

Collection of House Offal.

Paid:

| | |
|--|------------|
| Workmen, as per pay rolls..... | \$7,987 95 |
| Medford, General Repairs of Highways, teaming | 1,737 67 |
| E. Teel & Co., wagon repairs..... | 105 58 |
| E. W. Barrett, M.D., professional services... | 10 00 |
| R. A. Drake, M. D., professional services, 1914, '15 | 17 00 |
| Anderson & Anderson, pails, hardware, etc... | 30 50 |
| Joseph Palmer, repairs | 3 00 |
| Daniel N. Howard, drugs..... | 9 67 |
| C. H. Hartshorn, harness repairs..... | 5 00 |
| Teel Mfg. Co., auto repairs..... | 12 92 |
| | <hr/> |
| | \$9,919 29 |

Gravel Sidewalks.

Paid:

| | |
|---|----------|
| Workmen, as per pay rolls..... | \$525 84 |
| Medford, General Repairs of Highways, teaming | 23 62 |

| | |
|---|----------|
| Medford, Guide Boards and Street Signs, part of pay roll of June 10..... | \$ 32 54 |
| Medford, Watering Streets, use of truck.... | 18 00 |
| | <hr/> |
| | \$600 00 |

Forest Street.

| | |
|---|------------|
| Paid: | |
| Workmen, as per pay rolls..... | \$3,427 00 |
| Medford, General Repairs of Highways, lan- terns wicks | 10 |
| Medford, Engineering Dept., labor..... | 35 85 |
| American Tar Co., tarite..... | 1,273 37 |
| Coleman Bros., crushed stone..... | 14 15 |
| Wm. J. McCarthy Co., crushed stone..... | 44 00 |
| | <hr/> |
| | \$4,794 47 |

General Repairs of Highways.

| | |
|---|-------------|
| Paid: | |
| Workmen, as per pay rolls..... | \$28,169 65 |
| New England Telephone & Telegraph Co., rental and tolls..... | 176 74 |
| Medford, Water Div., water, hardware, pipe. | 138 70 |
| Medford Engineering Dept., labor..... | 2 43 |
| Medford Snow Account, error on pay roll.... | 28 29 |
| Malden Electric Co., light..... | 120 80 |
| Hugh G. Kennedy, cash paid for sundries.... | 15 89 |
| Donoghue's Express, expressing..... | 8 15 |
| Welch's Express, expressing..... | 8 85 |
| Boston & Maine R. R., freight..... | 9 33 |
| J. N. Cowin & Co., grain..... | 21 00 |
| L. A. Harriman & Co., grain, straw, coal.... | 223 99 |
| Phelps Bros., hay, grain..... | 838 39 |
| L. H. Phelps, hay, grain..... | 3,276 57 |
| E. Teel & Co., repairs, parts..... | 103 05 |

EXPENDITURES

93

| | |
|--|------------|
| Teel Mfg. Co., auto supplies, repairs, Ford chassis | \$1,328 80 |
| W. C. Miles Co., lumber, milling..... | 161 48 |
| Harrie W. Peirce, professional services..... | 52 00 |
| P. H. Lattime, electrical work..... | 4 00 |
| E. W. Barrett, M.D., professional services... | 34 00 |
| Wellman Co., making parts, labor..... | 12 50 |
| M. M. Mara, stove repairs..... | 4 45 |
| Mystic Rubber Co., tire repairs..... | 25 25 |
| Chas. A. Lucia, harness repairs..... | 16 60 |
| Locke Coal Co., coal, pipe..... | 557 19 |
| Cradock Garage, parts | 2 50 |
| Gordon B. Trowbridge, tires, repairs..... | 73 50 |
| Sinclair Hardware Co., hardware, tools, paint, lamp black, brushes, etc..... | 199 20 |
| John W. Enright, drugs..... | 62 25 |
| C. H. Hartshorn, harness repairs, storm covers, saddles | 212 55 |
| Anderson & Anderson, plugs, repairs..... | 2 49 |
| West Medford Auto Co., repairs..... | 1 25 |
| Morrison's Real Estate & Insurance Agency, insurance | 20 00 |
| David Anderson, bicycle repairs..... | 22 50 |
| Warren H. Keay, glass..... | 2 50 |
| Medford Post Office, postage stamps..... | 4 00 |
| Otto J. C. Neilson, repairs..... | 50 |
| L. W. Stone, harness oil..... | 1 85 |
| Page & Curtin, hardware..... | 72 |
| D. P. Manley, harness repairs..... | 30 40 |
| C. H. Tinkham, office supplies..... | 70 |
| Walter T. Burke, M.D., professional services. | 2 00 |
| Winslow Joyce, sealing | 1 24 |
| Medford Publishing Co., printing..... | 8 00 |
| Anthony C. Zacher, tires, repairs..... | 105 95 |
| W. E. Gerry & Co., cloth..... | 90 |
| E. J. Hervey, forcite..... | 200 75 |
| Frank H. Peak, pencils, book..... | 2 25 |
| J. E. Ober & Son, soft coal..... | 241 29 |

| | | |
|--|-------|--------|
| Chas. B. Hayward, burning carbon..... | \$ | 3 00 |
| L. E. Fitzpatrick & Co., repairs..... | | 1 80 |
| Yerxa & Yerxa, sal soda..... | | 25 |
| Louis J. Condon, street signs..... | | 13 25 |
| New England Co., towel supply..... | | 2 00 |
| Malden Veterinary Hospital, visits..... | | 15 75 |
| Eastern Salt Co., salt..... | | 17 00 |
| H. E. Ellms Co., door..... | | 8 50 |
| James Forgie's Sons, stable supplies, etc.... | | 73 40 |
| Adams, Cushing & Foster, stationery..... | | 16 15 |
| American Tar Co., tar products..... | | 120 00 |
| Gulf Refining Co., gasoline, kerosene..... | | 671 21 |
| Iver Johnson, auto supplies..... | | 2 50 |
| Blake & Knowles Steam Pump Works, pack- ing | | 95 |
| E. P. Sanderson Co., calks, tools, horse shoes. | | 559 38 |
| Harold L. Bond Co., hose..... | | 22 25 |
| Cadillac Automobile Co., labor, sundries.... | | 27 72 |
| Geo. H. Sampson Co., screws, valves, etc.... | | 57 19 |
| Highland Coal Co., coal..... | | 73 05 |
| W. A. Greenough & Co., directory..... | | 3 00 |
| N. E. Road Machinery Co., parts, supplies.... | | 576 00 |
| Chas. J. McCarty & Co., tools, lanterns, hose, dynamite, waste cans, etc..... | | 378 54 |
| W. E. Simm, State Inspector of Boilers..... | | 15 00 |
| R. S. Lombard, hay, grain..... | 1,215 | 97 |
| W. Arthur Lincoln, insurance..... | 152 | 90 |
| Industrial Accident Board, examination.... | | 5 00 |
| S. M. Spencer Mfg. Co., dies..... | | 1 58 |
| Waldo Bros., barrows, lanterns..... | | 20 83 |
| Buffalo Steam Roller Co., retubing, sundries.. | 151 | 11 |
| Geo. W. Blanchard & Co., lumber..... | | 37 73 |
| Crandall Packing Co., packing..... | | 4 93 |
| Thorp & Martin Co., stationery..... | | 8 85 |
| John Eisenmann & Co., brooms..... | | 7 25 |
| Anthony C. Zacher, tire repairs..... | | 15 50 |
| National Mfg. Co., tar binder..... | 156 | 00 |
| Ames Implement & Seed Co., hand carts.... | | 31 00 |

EXPENDITURES

85

| | |
|--|-------------|
| Underwood Typewriter Co., repairs..... | \$ 15 75 |
| Library Bureau, office supplies..... | 8 15 |
| Rand & Byam, potash, soft soap..... | 10 56 |
| Frank P. Bridges & Co., pens..... | 1 50 |
| Warren Bros. Co., repairing pavement..... | 203 06 |
| Standard Oil Co., gasoline, oil..... | 249 42 |
| Oliver Whyte Co., steel plates, netting..... | 23 50 |
| Boston Woven Hose & Rubber Co., belting... | 70 56 |
| Ames Plow Co., cart wheels..... | 5 42 |
| | <hr/> |
| | \$41,591 85 |

Guide Boards and Street Signs.

Paid:

| | |
|--------------------------------|----------|
| Workmen, as per pay rolls..... | \$ 71 81 |
| W. C. Miles Co., posts..... | 36 00 |
| Hillside Sign Co., signs..... | 34 50 |
| Robert E. Winn, signs..... | 2 00 |
| Louis J. Condon, signs..... | 20 50 |
| | <hr/> |
| | \$164 81 |

Original Construction of Streets.

Paid:

| | |
|--|-------------|
| Workmen, as per pay rolls..... | \$15,782 23 |
| Medford, General Repairs of Highways, use of truck, cement, stone, teaming, etc.... | 4,585 49 |
| Medford. Guide Boards and Street Signs, street signs | 32 27 |
| Medford Watering Streets, use of truck..... | 63 00 |
| Medford Engineering Dept., labor, carfares.. | 569 27 |
| E. W. Barrett, M.D., professional services... | 3 00 |
| C. H. Tinkham, photo work..... | 4 20 |
| Locke Coal Co., soft coal..... | 335 34 |
| Sinclair Hardware Co., nails, lamp black, etc. | 78 08 |
| W. C. Miles & Co., lumber, etc..... | 6 85 |
| J. F. Dwyer, stone chips, filling..... | 143 00 |

| | |
|---|-------------|
| Donoghue's Express, expressing..... | \$ 6 10 |
| Teel Mfg. Co., wagon body..... | 130 00 |
| John W. Tice, stone..... | 10 50 |
| William Eliot, extra labor..... | 30 00 |
| Boston & Maine R. R., freight..... | 126 56 |
| S. & R. J. Lombard, edgestone..... | 8,671 00 |
| Geo. W. Blanchard & Co., lumber, lime..... | 77 14 |
| Gulf Refining Co., gasoline, kerosene..... | 220 89 |
| American Tar Co., tar products..... | 4,009 78 |
| Waldo Bros., shovels..... | 10 15 |
| Oliver Whyte Co., pipe railing..... | 225 00 |
| Harold L. Bond Co., tools..... | 45 25 |
| H. E. Ellms Co., sashes, frames..... | 6 00 |
| Nathan Thumin, coal..... | 76 90 |
| W. C. Thompson's Sons, moving house..... | 80 00 |
| Chas. J. McCarty & Co., lanterns, tools, etc... | 121 67 |
| Dyar Supply Co., tools..... | 50 32 |
| Standard Oil Co., gasoline, oil..... | 242 20 |
| Coleman Bros., crushed stone..... | 31 15 |
| National Mfg. Co., tar binder, tar..... | 472 48 |
| Rowe Contracting Co., stone..... | 1,576 25 |
| The Barrett Co., tarvia..... | 176 40 |
| | <hr/> |
| | \$37,944 47 |

Gypsy and Brown Tail Moths.

Paid:

| | |
|--|------------|
| Workmen, as per pay rolls..... | \$2,281 06 |
| Sinclair Hardware Co., tools, hose..... | 14 50 |
| Mrs. J. E. Tainter, abatement..... | 2 40 |
| Emmanuel and Emily J. Bernier, abatement.. | 90 |
| Winslow W. Woolley, abatement..... | 60 |
| Page & Curtin, hardware..... | 1 60 |
| Teel Mfg. Co., plugs..... | 1 50 |
| Cradoek Garage, batteries..... | 1 80 |
| Medford Water Div., water, labor..... | 21 88 |
| Medford Publishing Co., printing..... | 17 50 |
| E. W. Barrett, M.D., professional services.... | 2 00 |

EXPENDITURES

97

| | | |
|--|----|------------|
| Mrs. Mary A. B. Allen, abatement..... | \$ | 60 |
| T. H. Lord, filing saws..... | | 13 20 |
| J. C. Jones Power & Pump Co., parts..... | | 64 10 |
| A. J. Wilkinson & Co., screws..... | | 1 14 |
| Universal Refining Co., oil..... | | 18 37 |
| Stephen B. Church, screws..... | | 1 74 |
| Joseph Breck & Sons, nozzles..... | | 1 80 |
| Comm. of Mass., lead..... | | 256 00 |
| Gulf Refining Co., gasoline..... | | 53 59 |
| The Barrett Co., creosote..... | | 42 26 |
| | | <hr/> |
| | | \$2,798 54 |

Paving Gutters.

Paid:

| | |
|---|----------|
| Workmen, as per pay rolls..... | \$467 50 |
| John D. Dwyer, granite paving blocks..... | 232 50 |
| | <hr/> |
| | \$700 00 |

Snow.

Paid:

| | |
|-------------------------------|---------|
| Workmen, as per pay roll..... | \$28 29 |
|-------------------------------|---------|

Sidewalks and Edgestones.

Paid:

| | |
|---|-------------|
| Workmen, as per pay rolls..... | \$15,785 38 |
| Medford Engineering Dept., labor, carfares.. | 899 16 |
| Medford, Forest Street, erroneous charge.... | 58 89 |
| Medford, Watering Streets, use of truck.... | 128 12 |
| Medford, General Repairs of Highways, team- ing, crushed stone | 3,326 24 |
| J. F. Dwyer, ballast, sand..... | 142 00 |
| Sinclair Hardware Co., tar paper, etc..... | 33 97 |
| Wellman Co., repairing | 2 75 |
| Frank T. Hook, granolithic work, sand..... | 4,341 56 |
| E. W. Barrett, M.D., professional services.... | 10 00 |

| | |
|--|-------------|
| W. C. Miles Co., lumber..... | \$ 6 15 |
| Wm. H. Lenox, loam..... | 8 75 |
| M. H. Ricker, sand..... | 140 00 |
| Teel Mfg. Co., Long Ford..... | 125 00 |
| H. F. Walker, repairing tools..... | 10 40 |
| Dennis F. Dwyer, sand..... | 79 50 |
| Geo. B. Jeffrey, part cost of walk..... | 86 00 |
| Malden & Melrose Gas Light Co., ashes..... | 5 50 |
| Boston & Maine R. R., freight..... | 415 74 |
| Donoghue's Express, expressing..... | 9 25 |
| Welch's Express, expressing..... | 2 25 |
| Oliver Whyte Co., pipe, labor..... | 114 01 |
| The Barrett Co., sidewalk compound..... | 4 50 |
| Blaw Steel Construction Co., rails, plates.... | 274 13 |
| Gulf Refining Co., gasoline, oil, etc..... | 257 29 |
| S. & R. J. Lombard, edgestones..... | 14,829 60 |
| Berry & Ferguson, cement..... | 409 25 |
| Chas. J. McCarty Co., wheelbarrows, tools... | 121 65 |
| Hervey F. Armington, labor, materials..... | 797 35 |
| Waldo Bros., cement..... | 910 96 |
| Standard Oil Co., oil, gasoline..... | 185 97 |
| Geo. W. Blanchard & Co., lumber..... | 5 78 |
| Simpson Bros. Corp., granolithic work..... | 1,977 88 |
| | <hr/> |
| | \$45,502 98 |

Stone Bounds.

Paid:

| | |
|--------------------------------|---------|
| Workmen, as per pay rolls..... | \$50 00 |
|--------------------------------|---------|

Gleason Street.

Paid:

| | |
|--------------------------------|----------|
| Workmen, as per pay rolls..... | \$201 43 |
|--------------------------------|----------|

Surface Drains.

Paid:

| | |
|--|-------------|
| Workmen, as per pay rolls..... | \$10,188 74 |
| Medford, General Repairs of Highways, teaming, crushed stone..... | 498 05 |

EXPENDITURES

99

| | |
|---|-------------|
| Medford, Watering Streets, use of truck.... | \$ 456 41 |
| Medford Engineering Dept., labor, carfares.. | 192 88 |
| Medford Water Div., pipe, labor..... | 25 22 |
| Medford Water and Sewer Dept., pipe..... | 29 35 |
| Medford Sewer Construction, labor, etc.... | 113 19 |
| J. F. Dwyer, broken stone..... | 13 00 |
| Wm. H. Casey, brick..... | 822 72 |
| E. W. Barrett, M.D., professional services.... | 7 00 |
| Teel Mfg. Co., tires, parts, sundries..... | 109 31 |
| M. Judd & Son, lumber..... | 27 22 |
| D. Sahl, rubber boots..... | 19 75 |
| R. G. Fraser, cheese cloth..... | 70 |
| David Anderson, bicycle repairs..... | 2 75 |
| Delano Iron Foundry, catch basins, parts.... | 722 56 |
| W. C. Miles Co., pole..... | 2 00 |
| H. A. Pinkham, rubber boots..... | 20 00 |
| Fred'k B. Witherly, catch basin traps..... | 65 00 |
| Ansley Iron Foundry, gratings, basins..... | 412 13 |
| Gulf Refining Co., kerosene, gasoline..... | 438 68 |
| Berry & Ferguson, pipe..... | 211 12 |
| Chas. J. McCarty & Co., pails, mortar box, etc. | 185 67 |
| Harold L. Bond Co., couplings, tools..... | 67 30 |
| Standard Oil Co., gasoline, oil..... | 64 74 |
| N. E. Structural Co., tees..... | 12 04 |
| Crandall Packing Co., hose..... | 20 51 |
| Waldo Bros., pipe, cement, tools..... | 2,338 90 |
| Boston & Maine R. R., freight..... | 1,072 27 |
| Welch's Express, expressing..... | 7 15 |
| American Express Co., expressing..... | 57 |
| Donoghue's Express, expressing..... | 4 40 |
| E. J. Hervey, powder..... | 40 75 |
| | \$18,192 08 |

Trees.

| | |
|--------------------------------|-----------|
| Paid: | |
| Workmen, as per pay rolls..... | \$ 929 78 |

| | |
|---|------------|
| T. H. Lord, filing saws..... | \$ 23 10 |
| W. C. Miles Co., stock, labor..... | 18 00 |
| Breck-Robinson Nursery Co., trees..... | 55 00 |
| Oliver Whyte Co., tree guards..... | 106 25 |
| John W. McLean & Co., repairing saws..... | 3 30 |
| | <hr/> |
| | \$1,135 43 |

Watering Streets.

Paid:

| | |
|---|------------|
| Workmen, as per pay rolls..... | \$1,261 46 |
| Teel Mfg. Co., auto parts, repairs, etc..... | 491 91 |
| Wellman Co., making parts, repairs..... | 20 85 |
| Mystic Rubber Co., tire repairs..... | 35 25 |
| Morrison's Real Estate and Insurance Agency, insurance | 27 50 |
| West Medford Auto Co., gasoline..... | 2 70 |
| Medford Engineering Dept., labor, etc..... | 56 16 |
| E. Teel & Co., repairs..... | 16 10 |
| Medford Water Div., labor..... | 4 41 |
| Gordon B. Trowbridge, auto repairs..... | 1 50 |
| American Express Co., expressing..... | 3 99 |
| Boston & Maine R. R., freight..... | 3 50 |
| Chandler & Farquhar Co., hardware..... | 24 |
| Burditt & Williams Co., hardware..... | 1 13 |
| Never-Skid Mfg. Co., set Never-Skid..... | 36 26 |
| Timken-Detroit Axle Co., cones, pinion..... | 41 11 |
| U. T. Hungerford Brass & Copper Co., rivets. | 1 19 |
| Boice-Perrine Co., battery..... | 7 40 |
| Joseph Palmer, truck repairs..... | 37 00 |
| W. Arthur Lincoln, insurance..... | 84 00 |
| Alden Spears Sons Co., road oil, etc..... | 1,685 04 |
| Hood Tire Co., tires..... | 301 20 |
| National Mfg. Co., Nonasphaltic road oil.... | 11,178 54 |
| A. F. Robinson Boiler Works, labor..... | 52 25 |
| Gulf Refining Co., oil..... | 29 40 |
| Island Petroleum Co., road oil..... | 675 39 |

MEDFORD HISTORICAL SOCIETY.

ac. 28/4.

EXPENDITURES

101

| | |
|--|-------------|
| A. W. Cox & Co., labor..... | \$ 31 62 |
| Continental Motor Mfg. Co., bushings..... | 9 60 |
| Headley Good Roads Co., road oil..... | 1,078 89 |
| American Tar Co., tar products..... | 399 00 |
| Eisner-Lenk Co., repairs, sundries..... | 25 15 |
| The Barrett Co., tarvia..... | 511 90 |
| Belcher & Loomis Hardware Co., chain..... | 61 00 |
| Mass. Highway Commission, registration fees, | 31 00 |
| Standard Oil Co., gasoline..... | 70 84 |
| | \$18,274 48 |

INSPECTION DEPARTMENT.

Salary of Inspector of Buildings.

One year to Jan. 1, 1917.

Paid:

| | |
|------------------------|------------|
| Frank B. Blodgett..... | \$1,000 00 |
|------------------------|------------|

Building Inspection Expenses.

Paid:

| | |
|--|----------|
| Frank B. Blodgett, for use of auto, general expenses | \$306 85 |
| J. C. Miller, Jr., binding, printing..... | 35 55 |
| Otis Elevator Co., labor..... | 20 40 |
| | \$362 80 |

PARK DEPARTMENT.

Public Commons.

| Paid: | |
|--|------------|
| Workmen, as per pay rolls..... | \$2,772 48 |
| New England Telephone & Telegraph Co., rental and tolls | 20 24 |
| Alvin R. Reed, salary as clerk..... | 100 00 |
| Alvin R. Reed, postage, carfares..... | 6 90 |
| Edw. P. Adams, salary as superintendent..... | 250 02 |
| Edw. P. Adams, carfares, expense..... | 12 65 |
| Frank H. Peak, stationery, book..... | 1 65 |
| Locke Coal Co., cement..... | 90 |
| Dana F. Perkins, loam..... | 118 75 |
| Simon White, painting flag pole, etc..... | 23 56 |
| Page & Curtin, paints..... | 3 37 |
| Alden Hayden, carpentry..... | 2 75 |
| J. W. Brogan, manure..... | 24 00 |
| James E. Stone, labor..... | 42 00 |
| Sinclair Hardware Co., general supplies..... | 22 70 |
| H. F. Walker, repairing..... | 5 80 |
| Wm. H. Lenox, loam..... | 5 00 |
| Grant & Moland, stock, labor..... | 2 00 |
| Daniel N. Howard, creosote..... | 75 |
| J. C. Miller, Jr., printing..... | 6 75 |
| Wellman Co., repairing mowers..... | 41 85 |
| Medford Publishing Co., copies of report, ad- vertising | 6 50 |
| George H. Archibald, labor..... | 7 80 |
| Champion Bros., labor on signs..... | 9 43 |
| H. L. Tisdale, repairing flags..... | 2 50 |
| Medford Highway Dept., moth work..... | 33 28 |
| Savage's Express Co., expressing..... | 15 |
| Welch's Express, expressing..... | 1 25 |
| Donoghue's Express, expressing..... | 2 25 |

EXPENDITURES 103

| | |
|---|------------|
| Horace Partridge Co., ball plates..... | \$ 5 00 |
| A. M. Morton & Co., pipe..... | 18 37 |
| Joseph Breck & Sons, tools..... | 12 55 |
| Ames Implement & Seed Co., lettering..... | 7 50 |
| Wright Wire Co., guards..... | 16 20 |
| Geo. A. Woodward, mower..... | 43 00 |
| Geo. W. Blanchard & Co., lumber, etc..... | 7 63 |
| Iver Johnson Sporting Goods Co., badge..... | 75 |
| Ames Plow Co., pruners..... | 3 15 |
| R. & J. Farquhar & Co., mowers..... | 15 50 |
| Henry M. Pratt, pruning, instructing..... | 26 00 |
| H. L. Frost & Co., on contract for leopard moth and tree pruning work..... | 300 00 |
| | \$3,982 93 |

Care of Bath Houses.

Paid:

| | |
|---|---------|
| Alden Hayden, repairing, labor and supplies.. | \$42 50 |
|---|---------|

Grading Playgrounds.

Paid:

| | |
|--|----------|
| Workmen, as per pay rolls..... | \$115 22 |
| Medford, General Repairs of Highways, loam, labor | 33 50 |
| Wm. H. Lenox, loam..... | 27 50 |
| Dana F. Perkins, loam..... | 4 50 |
| James E. Stone, services..... | 38 00 |
| | \$218 72 |

Playground Equipment.

Paid:

| | |
|---|-----------|
| Workmen, as per pay rolls..... | \$ 139 78 |
| Geo. H. Archibald, wooden seats, boxes..... | 392 50 |
| Iver Johnson Sporting Goods Co., equipment on contract | 981 95 |
| Grant & Moland, carpentry..... | 2 00 |

| | |
|--|------------|
| Hub Wire Cloth & Wire Works Co., netting.. | \$ 22 95 |
| Alden Hayden, labor, supplies..... | 74 05 |
| A. M. Morton & Co., pipe, labor..... | 13 80 |
| Edw. P. Adams, carfares..... | 5 00 |
| John T. Scully Foundation Co., sand..... | 27 65 |
| Simon White, painting..... | 12 08 |
| W. F. Bartlett, salt..... | 2 50 |
| Waldo Bros., plaster..... | 5 00 |
| Sinclair Hardware Co., bolts..... | 2 05 |
| Warren H. Keay, paint..... | 8 45 |
| A. J. Wilkinson & Co., Yale locks..... | 27 68 |
| Locke Coal Co., cement..... | 50 |
| Geo. W. Blanchard & Co., lumber, etc..... | 7 21 |
| A. S. Morss Co., chain..... | 10 64 |
| Donoghue's Express, expressing..... | 1 15 |
| Welch's Express, expressing..... | 25 |
| | <hr/> |
| | \$1,737 19 |

POLICE DEPARTMENT.

Salaries of Policemen.

One year to Jan. 1, 1917.....

Paid:

| | |
|---|-------------|
| Chief, police officers, and janitor, as per pay rolls | \$31,528 80 |
| Emery D. Holmes, pensioned officer..... | 750 00 |
| William G. Ewell, pensioned officer..... | 750 00 |
| | <hr/> |
| | \$32,028 80 |

Special Police, Etc.

Paid:

| | |
|---|------------|
| Special police officers, as per pay rolls..... | \$1,801 34 |
| New England Telephone & Telegraph Co., rental and tolls..... | 140 31 |
| John F. Welch, carfares, sundries..... | 53 25 |
| Chas. H. Ewell, carfares, etc..... | 4 09 |
| Fred G. Ewell, carfares, expenses..... | 1 65 |
| John B. A. Buffum, carfares, expenses..... | 11 34 |
| George H. Lenox, expenses..... | 60 |
| John J. Manning, license..... | 50 |
| Amory Prentiss, license | 1 00 |
| Paul G. Bickford, cash paid helper..... | 1 00 |
| F. E. Sheehy, carfares..... | . 97 |
| Frank A. Barber, expenses..... | 11 60 |
| Ernest Rowland, expenses..... | 1 40 |
| Cornelius McDonald, expenses..... | 6 95 |
| Daniel W. Connors, expenses, carfares..... | 4 50 |
| W. F. Leahy, gloves..... | 4 55 |
| F. B. Miller, laundry work..... | 75 |
| Medford Water Div., water..... | 23 78 |
| Medford Highway Dept., gasoline..... | 284 76 |
| Malden Electric Co., light, bulbs, etc..... | 125 10 |
| Mrs. Mary Enwright, services as matron.... | 15 00 |
| C. H. Tinkham, repairing clock, etc..... | 3 55 |
| Page & Curtin, repairs, hose..... | 17 65 |
| Geo. H. Archibald, carpentry..... | 7 45 |
| Sinclair Hardware Co., hardware, barrels, brushes, etc. | 24 94 |
| Medford Hospital, board, care..... | 12 00 |
| Craddock Garage, supplies, repairs, tires..... | 328 46 |
| Medford Publishing Co., printing, advertising, | 24 50 |
| E. J. Hervey Co., crackers, soap, etc..... | 2 45 |
| John A. Morgan Est., oil..... | 60 |
| E. Teel & Co., repairs..... | 5 25 |
| John J. Janes, food..... | 50 |
| Michael Stevens, food..... | 25 |

| | |
|---|--------|
| G. R. Whitcher, sponge..... | \$ 90 |
| Frank H. Peak, stationery..... | 7 98 |
| M. & M. Gas Light Co., gas..... | 11 25 |
| Savage's Express Co., expressing..... | 2 65 |
| Welch's Express, expressing..... | 75 |
| Boston & Maine R. R., freight..... | 1 58 |
| American Express Co., expressing..... | 1 22 |
| Alfred J. Hawks, M.D., professional services..... | 11 00 |
| Morrison's Real Estate & Insurance Agency, insurance | 74 40 |
| C. H. Hartshorn, repairs..... | 2 60 |
| Walter T. Burke, M.D., professional services..... | 2 00 |
| Geo. H. Janes, Jr., sundries..... | 35 |
| H. A. Donnell, M.D., professional services.... | 4 00 |
| Teel Mfg. Co., auto repairs, tires, etc..... | 131 86 |
| H. F. Walker, repairs..... | 1 25 |
| C. R. Draper, M.D., professional services.... | 2 00 |
| Locke Coal Co., coal..... | 483 90 |
| O. L. Soderlund, painting on contract..... | 294 50 |
| Chas. C. Rollig, shades..... | 16 85 |
| John H. Byron, masonry..... | 12 25 |
| J. C. Miller, Jr., printing..... | 23 00 |
| John W. Enright, drugs..... | 4 47 |
| Gordon B. Trowbridge, oil..... | 1 50 |
| David Anderson, lock and repairs..... | 3 75 |
| P. J. Dennehy, glazing..... | 3 70 |
| Bigelow Motor Club, charging batteries.... | 1 25 |
| Daniel N. Howard, supplies..... | 18 |
| Adams, Cushing & Foster, book, paper..... | 2 90 |
| West Disinfecting Co., disinfectants..... | 20 00 |
| M. Linsky & Bros., uniform supplies..... | 4 60 |
| New England Co., towel supply..... | 16 50 |
| F. W. Barry, Beale & Co., cards..... | 5 62 |
| Iver Johnson Sporting Goods Co., revolvers, handcuffs, flag standard, etc..... | 240 29 |
| W. A. Greenough & Co., directories..... | 12 00 |
| Geo. W. Blanchard & Co., lumber..... | 1 11 |
| Henley-Kimball Co., auto supplies..... | 73 71 |

EXPENDITURES

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| | |
|--|------------|
| Beacon Motor Car Co., repairs, supplies..... | \$ 55 95 |
| Library Bureau, cards | 13 04 |
| Joseph Palmer, auto repairs..... | 8 75 |
| Geo. T. Hoyt Co., awnings..... | 26 50 |
| Germo Mfg. Co., insecticide, sprayer..... | 3 75 |
| Morgan Envelope Co., paper..... | 6 50 |
| Colonial Co., register paper..... | 16 67 |
| Draeger Oxygen Apparatus Co., supplies.... | 4 65 |
| Exide Battery Depots, batteries..... | 15 65 |
| Builder's Iron & Steel Co., castings..... | 3 00 |
| Heaney Mfg. Co., dusters, mops, etc..... | 3 70 |
| Royal Typewriter Co., ribbons..... | 4 00 |
| W. & A. Bacon Co., blankets..... | 13 46 |
| Geo. Grow Automobile Co., tires..... | 67 10 |
| | <hr/> |
| | \$4,642 63 |

Police Ambulance.

Paid:

| | |
|--|------------|
| William A. Blair, ambulance and fittings.... | \$3,850 00 |
|--|------------|

Boiler.

Paid:

| | |
|--|----------|
| The Hodge Boiler Works, grates..... | \$ 8 75 |
| Wm. S. Richards, stock and labor repairing heater at Center School..... | 165 75 |
| | <hr/> |
| | \$174 50 |

PUBLIC LIBRARY DEPARTMENT.**General Expenses.**

Paid: ..

| | |
|--|------------|
| Librarian and assistants, as per pay roll.... | \$6,035 08 |
| New England Telephone & Telegraph Co., rental and tolls..... | 50 40 |
| Malden & Melrose Gas Light Co., gas..... | 2 52 |
| Malden Electric Co., light..... | 186 00 |
| Medford Water Div., water..... | 18 34 |
| Medford Ice Co., ice..... | 21 55 |
| Trustees of Public Library, cash paid for books, express, messenger, etc..... | 83 87 |
| A. L. Sargent, cash paid for use of Boston Athenaeum, expenses as delegate..... | 30 00 |
| Emily Engel, services at Wellington..... | 50 00 |
| American Express Co., expressing..... | 82 23 |
| McClellan's Express, expressing..... | 5 00 |
| Boston & Maine R. R., freight..... | 2 48 |
| W. B. Emery, repairing chairs..... | 23 80 |
| Geo. H. Janes, Jr., electrical repairs, supplies, | 26 79 |
| Lewis H. & F. W. Lovering, carpentry..... | 80 07 |
| Page & Curtin, hardware, labor..... | 221 25 |
| John H. Byron, labor, materials..... | 77 00 |
| J. C. Miller, Jr., printing, etc..... | 219 25 |
| David Anderson, lock repairs, etc..... | 5 80 |
| Warren H. Keay, work on contract, etc..... | 114 99 |
| Medford Publishing Co., advertising, print- ing, copies of report..... | 17 50 |
| Wm. H. Lenox, loam, labor..... | 63 11 |
| Sinclair Hardware Co., fertilizer, seed..... | 12 40 |
| Locke Coal Co., coal..... | 470 13 |
| Mystic Publishing Co., subscription, advertis- ing..... | 8 50 |

EXPENDITURES

109

| | |
|--|----------|
| Roy S. White, alterations, etc..... | \$419 61 |
| E. J. Hervey Co., flour..... | 1 40 |
| Wm. Howe, carpentry..... | 22 75 |
| Chas. H. Walley, work on contract..... | 100 00 |
| C. H. Tinkham, repairing clock..... | 1 00 |
| Frank H. Peak, newspapers..... | 8 60 |
| American Library Association, dues..... | 7 00 |
| National Conference of Charities, dues..... | 3 00 |
| National Educational Association, dues..... | 2 00 |
| Library Art Club, dues..... | 6 00 |
| A. L. A. Pub. Board, book list..... | 1 00 |
| Library of Congress, printed cards..... | 80 00 |
| Brown-Howland Co., book pockets, cards.... | 18 05 |
| Chas. B. Dunham, architectural services..... | 93 50 |
| Houghton-Gorney Co., wreath..... | 10 00 |
| H. B. McArdle, stationery supplies..... | 45 70 |
| W. E. Simm, inspecting boiler..... | 2 00 |
| New England Co., towel supply..... | 20 28 |
| Boston Filter Co., service filter..... | 18 00 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Keystone View Co., stereographs..... | 5 30 |
| Library Bureau, floor glass, book..... | 39 34 |
| Arthur D. Ropes, bulletin..... | 6 00 |
| West Disinfecting Co., disinfectant..... | 16 13 |
| Houghton & Dutton, cheese cloth, etc..... | 4 25 |
| Berry & Ferguson, pipe..... | 5 51 |
| Boston Bulletin Co., bulletin..... | 6 00 |
| Boston Index Card Co., cards..... | 1 25 |
| McKenney & Waterbury Co., shades..... | 2 49 |
| John Carter & Co., paper..... | 1 40 |
| Globe Rubber Works, hose..... | 5 50 |
| W. N. Gray, repairing roof, gutters..... | 29 73 |
| Sampson & Murdock Co., directory..... | 6 00 |
| F. H. Taylor, framing..... | 8 30 |
| J. L. Hammett Co., paints, etc..... | 2 63 |
| Stone & Forsyth Co., paper, twine..... | 46 65 |
| S. H. Couch Co., batteries, labor..... | 2 85 |
| Charles E. Coffin, shades..... | 19 42 |

| | |
|---|----------|
| College Bindery, binding..... | \$ 36 50 |
| John H. Pray & Sons Co., repairing..... | 3 00 |
| American Radiator Co., enamel..... | 2 35 |
| Harold Chesson, inkwell..... | 1 50 |
| Democrat Printing Co., book supports..... | 7 50 |
| Oliver Ditson Co., carols..... | 5 50 |
| Gaylord Bros., sign holders..... | 4 00 |
| Hammond Typewriter Co., ribbon..... | 75 |
| Macey-Stetson-Morris Co., units..... | 23 60 |
| Murphy Leavens & Co., brushes..... | 11 00 |
| T. I. Reed, wood..... | 10 00 |
| Wadsworth, Howland Co., brushes..... | 1 55 |
| Ward's, adding machine..... | 10 00 |
| N. J. Bartlett & Co., books..... | 983 60 |
| W. B. Clarke Co., books..... | 40 82 |
| Albert M. Chandler, books..... | 4 00 |
| De Wolfe & Fiske Co., books..... | 10 40 |
| Doubleday, Page & Co., books..... | 17 23 |
| Himebaugh & Browne, books..... | 18 95 |
| Longmans, Green & Co., books..... | 73 62 |
| Old Corner Book Store, books..... | 634 27 |
| Schoenhof Book Co., books..... | 32 62 |
| R. H. White Co., books..... | 60 61 |
| Williams Book Stores Co., books..... | 6 33 |
| The Macmillan Co., books..... | 10 00 |
| John Q. Adams & Co., books..... | 18 50 |
| The Baker & Taylor Co., books..... | 21 20 |
| Cedric Chivers, binding books..... | 152 67 |
| McDevitt-Wilson, books..... | 60 45 |
| Chas. Scribner's Sons, books..... | 23 05 |
| Union Library Association, books..... | 37 27 |
| Harvard University Press, book..... | 1 25 |
| Am. Academy of Political & Social Science.. | 4 25 |
| R. R. Bowker Co., books..... | 6 22 |
| Frontier Press, books..... | 5 75 |
| John Hopkins Press, books..... | 1 25 |
| Oxford University Press, books..... | 6 04 |
| John Wannamaker, books..... | 13 65 |

EXPENDITURES

111

| | |
|--|-------------|
| H. W. Wilson Co., books..... | \$ 42 00 |
| Harper & Bros., books..... | 11 80 |
| Hinds, Noble & Eldredge, books..... | 1 13 |
| G. P. Putnam's Sons, books..... | 6 20 |
| Ritter & Flebbe, books..... | 5 48 |
| Chivers Book Binding Co., binding..... | 177 84 |
| Carol Cox Book Co., books..... | 29 70 |
| Charles W. Clark Co., books..... | 10 53 |
| Joseph McDonough Co., books..... | 1 08 |
| H. R. Huntting Co., books..... | 65 |
| New York Society Library, books..... | 5 16 |
| Standard Book Co., books..... | 5 69 |
| C. F. Libbie & Co., books..... | 3 72 |
| Schulte's Book Store, books..... | 3 15 |
| Richard G. Badger, books..... | 3 06 |
| Bookshop for Boys & Girls, books..... | 17 62 |
| Herman Goldberger, magazine subscriptions..... | 287 30 |
| The Century Co., books..... | 1 00 |
| John W. Denehy & Co., books..... | 6 00 |
| Gardenside Bookshop, books..... | 19 44 |
| Charles E. Lauriat Co., books..... | 2 08 |
| Ritter & Co., books..... | 9 50 |
| Small, Maynard & Co., books..... | 1 86 |
| | <hr/> |
| | \$11,992 94 |

Agencies.

Paid:

| | |
|---|----------|
| Mrs. G. E. McIntosh, agent at Hillside..... | \$22 50 |
| Durant & Haushalter, agents at Glenwood.. | 35 00 |
| James Morrison, agent at Tufts Square..... | 95 00 |
| Nahum E. Wilber, agent at West Medford.. | 30 00 |
| Bion Green, agent at Wellington..... | 35 00 |
| A. F. Kearin, agent..... | 7 50 |
| F. B. Rideout, expressing to agents..... | 132 00 |
| J. C. Miller, Jr., printing..... | 9 00 |
| | <hr/> |
| | \$366 00 |

RELIEF OF POOR DEPARTMENT.**Salaries of Overseers of Poor and Secretary.**

Paid:

| | |
|---|----------|
| John W. Bragdon, chairman to Aug. 1..... | \$291 69 |
| John W. Bragdon, member from Aug. 1.... | 20 83 |
| George Smardon, member to Aug. 1..... | 29 17 |
| George Smardon, chairman, from Aug. 1.... | 208 31 |
| John W. Rockwell, one year to Jan. 1, 1917. | 50 00 |
| Edward Gowing, secretary | 350 00 |
| | <hr/> |
| | \$950 00 |

City Home.

Paid:

| | |
|--|------------|
| Superintendent and Sundry Persons, as per pay rolls | \$1,546 18 |
| E. J. Hervey Co., groceries..... | 102 53 |
| Yerxa & Yerxa, groceries..... | 134 95 |
| John W. Enright, medicines and drugs..... | 54 96 |
| D. Sahl, repairing shoes..... | 6 80 |
| M. E. O'Brien, groceries and provisions..... | 223 56 |
| W. J. Geary, groceries and provisions..... | 15 50 |
| Wm. N. Curtis, groceries and provisions.... | 148 52 |
| P. Volpe & Sons, fruit..... | 60 |
| W. A. Rich, fish, oysters..... | 13 97 |
| Pierce Fish Market, fish..... | 55 37 |
| J. N. Cowin & Co., grain..... | 262 85 |
| Malden & Melrose Gas Light Co., gas..... | 25 02 |
| Malden Electric Co., light..... | 109 00 |
| Medford Water Div., water..... | 52 62 |
| Medford Ice Co., ice..... | 74 33 |
| Malden & Melrose Gas Light Co., heater.... | 16 00 |

EXPENDITURES

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| | | |
|--|----|--------|
| Edward Gowing, carfares..... | \$ | 80 |
| Page & Curtin, hardware, labor, conductors.. | | 77 28 |
| J. E. Sweeney, carpentry..... | | 4 65 |
| Chas. H. Walley, glazing..... | | 5 87 |
| J. Wesley Doe, general food supplies..... | | 252 87 |
| Lawrence Farm, services..... | | 4 00 |
| Sinclair Hardware Co., paint, oil..... | | 2 55 |
| Morrison's Real Estate & Insurance Agency, insurance | | 12 50 |
| C. H. Hartshorn, harness supplies..... | | 8 25 |
| Harrie W. Peirce, professional services..... | | 4 00 |
| Cradock Mfg. Co., grinding mowers..... | | 5 50 |
| W. F. Leahy, overalls..... | | 4 50 |
| W. C. Miles Co., lumber..... | | 9 75 |
| H. F. Walker, shoeing..... | | 6 50 |
| J. N. Cowin & Co., grain..... | | 26 20 |
| New England Telephone & Telegraph Co., rental and tolls | | 31 95 |
| H. F. Walker, shoeing..... | | 40 08 |
| American Express Co., expressing..... | | 2 83 |
| Boston & Maine R. R., freight..... | | 25 |
| Welch's Express, expressing..... | | 3 85 |
| Savage's Express Co., expressing..... | | 90 |
| Douoghue's Express, expressing..... | | 1 00 |
| Armour & Co., bacon, ham, turkeys, etc.... | | 167 57 |
| City of Somerville, pigs..... | | 5 00 |
| National Biscuit Co., crackers..... | | 25 76 |
| Talbot Chemical Co., Ta-Bo..... | | 2 00 |
| Austin W. McLean, lumber..... | | 80 |
| C. B. Dolge Co., disinfectant..... | | 3 25 |
| Jos. P. Manning Co., tobacco..... | | 32 07 |
| Empire Coffee Co., coffee, tea..... | | 111 70 |
| Mitchell Wing Co., soap..... | | 17 40 |
| Thos. J. Grey Co., seeds, spraying supplies.. | | 20 27 |
| Mass. State Prison, clothing, shoes..... | | 36 45 |
| Reformatory for Women, clothing..... | | 13 50 |
| Edgar A. Murray Co., bug and rat doom.... | | 9 50 |
| Pierce, Austin-Caswell, Livermore Co., fish.. | | 6 35 |

| | |
|--|------------|
| Jordan, Marsh Co., household supplies, etc... | \$ 18 66 |
| W. F. Allen Co., plants..... | 6 00 |
| R. S. Lombard, hay..... | 56 40 |
| Horlick's Malted Milk Co., malted milk.... | 8 00 |
| Manning's Garden Service, trees..... | 16 59 |
| Thos. J. Grey Co., garden supplies..... | 4 25 |
| Wm. Leavens & Co., rockers..... | 17 00 |
| Highland Coal Co., coal..... | 628 95 |
| Duparquet, Huot & Moneuse Co., kitchen supplies | 40 16 |
| Malden Veterinary Hospital, visits..... | 4 50 |
| Providence Churning Co., butterine..... | 11 10 |
| Jaquith & Co., beet pulp..... | 20 00 |
| | <hr/> |
| | \$4,632 07 |

City Home Repairs.

Paid:

| | |
|---|----------|
| Page & Curtin, repairing, supplies..... | \$ 22 51 |
| J. E. Sweeney, piazza on contract..... | 169 75 |
| Sinclair Hardware Co., oil..... | 6 67 |
| | <hr/> |
| | \$198 93 |

Outside Relief.

Paid:

| | |
|--|------------|
| Widows, with dependent children, as per pay rolls | \$4,408 00 |
| Sundry Persons, cash allowance..... | 981 00 |
| H. Bravman, groceries..... | 129 00 |
| E. J. Hervey Co., groceries..... | 238 00 |
| A. J. Whittaker, groceries..... | 194 50 |
| Yerxa & Yerxa, groceries..... | 209 00 |
| Durant & Haushalter, groceries..... | 108 00 |
| Warren & Torrens, groceries..... | 2 00 |

EXPENDITURES

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| | |
|---|---------|
| George A. Gill, groceries..... | \$ 2 00 |
| E. W. Appleton, groceries..... | 54 00 |
| Bell Pharmacy, drugs, medicines..... | 50 |
| Highley's Pharmacy, drugs, medicines..... | 50 |
| Est. John A. Morgan, drugs, medicines..... | 32 25 |
| Chas. W. Smith, drugs, medicines..... | 14 25 |
| John W. Enright, drugs, medicines..... | 13 23 |
| Frank C. Uebel, drugs, medicines..... | 7 50 |
| G. R. Whiteher, drugs, medicines..... | 2 05 |
| Pliny C. Chandler, drugs, medicines..... | 90 |
| J. E. McKeon, drugs, medicines..... | 85 |
| Daniel N. Howard, drugs, medicines..... | 24 45 |
| Washington Square Pharmacy, drugs, etc.. | 2 80 |
| W. F. Plummer, drugs..... | 40 |
| W. A. Whitney, drugs..... | 1 10 |
| M. E. O'Brien, groceries and provisions..... | 166 00 |
| Wm. N. Curtis, groceries and provisions..... | 302 00 |
| Glenwood Market, groceries and provisions.. | 6 00 |
| F. H. Lovering, groceries and provisions.... | 104 00 |
| Hugh Carr, groceries and provisions.. | 102 00 |
| Simonton's Cash Market, provisions, etc..... | 5 00 |
| Ernest Colella, groceries and provisions..... | 68 00 |
| N. A. Johnson, groceries and provisions..... | 188 00 |
| L. M. Kiley, groceries and provisions..... | 104 00 |
| Edw. F. Kent, groceries and provisions..... | 2 00 |
| J. T. Dennison, groceries and provisions..... | 24 00 |
| D. Sahl, boots and shoes..... | 41 50 |
| H. A. Pinkham, boots and shoes..... | 18 50 |
| Edward Gowing, stamps, carfares..... | 27 85 |
| Locke Coal Co., coal, wood..... | 240 60 |
| Frank H. Peak, stationery..... | 1 95 |
| Mrs. Eva Hazelton, board..... | 124 26 |
| Medford Hospital, board, care..... | 45 00 |
| Medford Visiting Nurse Association, visits... | 3 00 |
| George Nichols Co., burials..... | 30 00 |
| Mrs. George Aston, board..... | 45 01 |
| I. W. Mullett & Sons, envelopes, printing.... | 15 50 |
| Cradock Garage, service to Tewksbury..... | 8 00 |

| | |
|---|----------|
| Edward J. Gaffey, burials..... | \$ 30 00 |
| Winslow Joyce, sealing scales..... | 77 |
| Bertha P. Sullivan, typewriting..... | 2 50 |
| Sinclair Hardware Co., keys..... | 50 |
| J. S. French, auto hire..... | 30 00 |
| Geo. Smardon, carfares, phone calls..... | 16 00 |
| Highland Coal Co., coal, wood..... | 87 21 |
| E. N. Hooper, rent for house..... | 50 00 |
| American Express Co., expressing..... | 28 |
| Commonwealth of Massachusetts, aid..... | 685 25 |
| State Board of Charity, aid..... | 85 50 |
| City of Boston, aid..... | 412 45 |
| City of Boston, support..... | 105 53 |
| City of Everett, aid rendered..... | 469 68 |
| City of Chelsea, aid rendered..... | 184 77 |
| City of Beverly, aid rendered..... | 15 00 |
| City of Worcester, aid rendered..... | 124 29 |
| City of Malden, aid rendered..... | 545 38 |
| City of Revere, aid rendered..... | 6 82 |
| City of Somerville, aid rendered..... | 167 22 |
| City of New Bedford, aid rendered..... | 2 32 |
| Town of Harwich, aid rendered..... | 81 85 |
| Town of Rockland, aid rendered..... | 8 84 |
| Town of Winchester, aid rendered..... | 177 75 |
| City of Quincy, aid rendered..... | 37 33 |
| Mary E. Richardson, board, care..... | 72 00 |
| Elizabeth Cavanaugh, board, care..... | 130 68 |
| Anna B. Perkins, board..... | 141 63 |
| Michael A. Carr, board..... | 99 42 |
| Mrs. James Brady, board..... | 61 15 |
| Anna M. Starbuck, board..... | 35 00 |
| Somerville Hospital, board, care..... | 172 15 |
| Malden Hospital, board, care..... | 84 00 |
| Carney Hospital, board, care..... | 20 72 |
| Mass. General Hospital, board, etc..... | 37 15 |
| Mass. Babies' Hospital, board..... | 15 00 |
| Mass. Homoeopathic Hospital, board..... | 177 25 |
| Boston Children's Aid Society, board..... | 77 15 |

MEDFORD HISTORICAL SOCIETY.

ac. 28/4.

EXPENDITURES

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| | | |
|---|----|-------------|
| W. A. Greenough & Co., directory..... | \$ | 3 00 |
| Hobbs & Warren, stationery, blanks..... | | 11 07 |
| Associated Charities of Boston..... | | 1 00 |
| Boston Badge Co., badges..... | | 12 00 |
| Adams, Cushing & Foster, account books, etc., | | 20 02 |
| Jordan, Marsh Co., screens, shoes, clothing.. | | 27 66 |
| | | <hr/> |
| | | \$12,623 74 |

SCHOOL DEPARTMENT.

Salary of Secretary.

One year to Jan. 1, 1917.

Paid:

| | |
|----------------------|----------|
| Joseph C. Smith..... | \$300 00 |
|----------------------|----------|

Salary of Superintendent.

One year to Jan. 1, 1917.

Paid:

| | |
|---------------------------------------|------------|
| Fred H. Nickerson..... | \$2,960 00 |
| State Teachers' Retirement Board..... | 100 00 |
| | <hr/> |
| | \$3,060 00 |

Medical Inspection.

Paid:

| | |
|--|----------|
| Lincoln F. Sise, M.D., to Nov. 1..... | \$160 00 |
| Harry C. Burrell, M.D., from Nov. 1..... | 40 00 |
| | <hr/> |
| | \$200 00 |

Salaries of Teachers, Substitutes and Clerks.

| | |
|---------------------------------------|--------------|
| Paid: | |
| Sundry Persons, as per pay rolls..... | \$137,872 47 |
| State Teachers' Retirement Board..... | 4,515 12 |
| | <hr/> |
| | \$142,387 59 |

Stewardship, including Truant Officer.

| | |
|---|-------------|
| Paid: | |
| Engineers and Stewards, as per pay rolls... | \$13,278 93 |

Fuel.

| | |
|--------------------------------------|-------------|
| Paid: | |
| Locke Coal Co., coal, wood..... | \$14,326 18 |
| Standard Charcoal Co., charcoal..... | 175 25 |
| J. E. Ober & Son, coal..... | 1,250 88 |
| | <hr/> |
| | \$15,752 31 |

General Expenses.

| | |
|---|----------|
| Paid: | |
| New England Telephone & Telegraph Co., rental and tolls..... | \$452 18 |
| Boston & Maine R. R., freight..... | 2 55 |
| American Express Co., expressing..... | 12 88 |
| McClellan's Express, expressing..... | 235 10 |
| Savage's Express Co., expressing..... | 10 15 |
| Welch's Express, expressing..... | 19 50 |
| Donoghue's Express, expressing..... | 40 |
| Malden Electric Co., light..... | 782 30 |
| Malden & Melrose Gas Light Co., gas..... | 83 61 |
| Medford Highway Dept., moth work..... | 12 16 |
| Earle Powers, stamps, stationery..... | 3 78' |

EXPENDITURES

119

| | |
|--|----------|
| Annie I. Letson, envelopes, postals..... | \$ 39 46 |
| Miriam F. Remele, envelopes..... | 10 50 |
| F. H. Nickerson, expenses investigating Junior High School methods..... | 36 97 |
| J. C. Miller, Jr., printing..... | 88 85 |
| N. B. Cunningham, carpentry..... | 41 57 |
| H. F. Walker, supplies for furnace..... | 3 90 |
| W. C. Miles Co., platforms..... | 13 75 |
| H. F. Staples & Co., wax cream, oil..... | 148 60 |
| Sinclair Hardware Co., paint, hose, barrels.. | 161 56 |
| John W. Enright, drugs..... | 1 25 |
| Page & Curtin, barrels, brushes, dusters, etc.. | 115 25 |
| Frank P. Pierce, keys..... | 75 |
| Charles N. Jones, services as clerk, 1914..... | 50 00 |
| Medford, Printing Reports Account, part cost of printing school report..... | 39 53 |
| W. A. Whitney, drugs..... | 75 |
| Wm. N. Curtis, bon-ami, soap..... | 14 55 |
| W. B. Emery, repairing flag..... | 1 55 |
| Grant & Moland, roller..... | 50 |
| Medford Police Dept., services..... | 10 00 |
| G. B. Trowbridge, sharpening mowers..... | 20 00 |
| C. W. M. Blanchard, engrossing diplomas.... | 13 80 |
| James D. Howlett, expenses securing teachers, | 20 86 |
| F. B. Miller, dust rags..... | 7 50 |
| Medford Publishing Co., advertising, print- ing | 42 88 |
| Daniel N. Howard, drugs, supplies..... | 4 65 |
| Mrs. J. F. Dwyer, rent for land for Fulten Heights Schoolhouse, one year..... | 25 00 |
| Brown-Howland Co., cards, file sections..... | 69 92 |
| Porter E. Sargent, book..... | 2 00 |
| F. S. Webster Co., typewriting supplies..... | 4 50 |
| Spar-Light Co., Spar-Light..... | 65 |
| Mass. State Prison, dusters, brooms..... | 53 15 |
| Middlesex County House of Correction, mats | 63 06 |
| Perkins Institution, care of pianos..... | 115 00 |

| | |
|--|------------|
| West Disinfectant, disinfectants..... | \$ 14 25 |
| Eagle Oil & Supply Co., oil, tools, gaskets... | 42 53 |
| Braman, Dow & Co., brushes, cocks, etc.... | 18 81 |
| American Seating Co., tables..... | 21 00 |
| White & Leahy, sawdust..... | 5 15 |
| Geo. T. Johnson Co., paper..... | 74 25 |
| City of Malden, tuition..... | 120 00 |
| Middlesex County, support at Training School..... | 119 29 |
| Vera Chemical Co., soap powder..... | 23 40 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Samson Electric Co., electrical supplies.... | 10 92 |
| Goulds Mfg. Co., pump repairs, etc..... | 5 93 |
| American Bank Note Co., diplomas..... | 171 00 |
| Haywood Bros. & Wakefield Co., desks..... | 195 50 |
| Chas. Scribner's Sons, book..... | 2 00 |
| Bessie J. Mason, engrossing diplomas..... | 19 50 |
| Dennison Mfg. Co., tags..... | 98 |
| Jewett City Textile Novelty Co., cheese cloth. | 14 85 |
| Somerville Brush Co., brushes..... | 147 84 |
| James W. Poole, electrical supplies..... | 31 91 |
| Paige & Jones Chemical Co., boiler supplies.. | 35 42 |
| Harold C. Spencer, engrossing diplomas.... | 36 02 |
| Allen Bros., stamps, pads..... | 2 11 |
| Crandall Packing Co., gaskets, etc..... | 56 17 |
| Neostyle Co., paper, inks, stencils..... | 20 69 |
| Wm. Leavens & Co., stools..... | 10 00 |
| Edw. E. Babb & Co., flags, envelopes..... | 31 33 |
| Rand, McNally & Co., steel case..... | 8 33 |
| | <hr/> |
| | \$4,079 05 |

Trade Schools.

Paid:

| | |
|--|------------|
| City of Somerville, tuition at vocational schools | \$ 799 86 |
| City of Boston, tuition at trade schools..... | 580 50 |
| | <hr/> |
| | \$1,380 36 |

Repairs.

| | |
|--|----------|
| Paid: | |
| Wm. E. Ober, electrical supplies, labor..... | \$234 95 |
| Wm. S. Richards, plumbing, furnace repairs, supplies | 269 19 |
| C. H. Tinkham, repairing clocks..... | 32 00 |
| Geo. S. T. Fuller, expenses for committee.... | 110 00 |
| W. B. Emery, repairing chairs, shades..... | 66 80 |
| O. L. Soderlund, glazing, painting..... | 235 38 |
| Page & Curtin, hardware, labor..... | 688 81 |
| Warren H. Keay, glazing..... | 12 15 |
| N. B. Cunningham, carpentry..... | 918 53 |
| John H. Byron, mason work..... | 322 75 |
| Anderson & Anderson, supplies, labor..... | 317 78 |
| W. C. Miles Co., stick..... | 35 |
| C. W. Johnson Co., glazing..... | 27 55 |
| H. F. Walker, repairing poker..... | 2 00 |
| M. M. Dyer, carpentry, etc..... | 54 70 |
| Louis G. Bragdon, work on driveway..... | 75 00 |
| Ducharme Machine Co., repairing..... | 15 65 |
| G. B. Trowbridge, grinding mowers, etc.... | 1 70 |
| Medford, Sewer Maintenance, clearing sewer connection | 1 14 |
| Edw. E. Babb & Co., flags..... | 39 46 |
| Roberts Iron Works Co., boiler repairs..... | 403 80 |
| Lexington Flag Staff Co., repairing, etc.... | 85 00 |
| E. B. Badger & Sons Co., glazing..... | 61 57 |
| Standard Electric Time Co., repairing clocks.. | 31 60 |
| Johnson Service Co., repairing..... | 72 15 |
| Allen Shade Holder Co., shades, repairs..... | 74 27 |
| Braman, Dow & Co., hardware..... | 12 68 |
| Henry A. Wheeler & Co., flag..... | 4 06 |
| Samson Electric Co., repairing telephones.... | 39 70 |
| Locke Regulator Co., steam appliances..... | 29 26 |
| F. W. Foster & Sons Co., grate bars, etc.... | 79 39 |
| Boston Cleaning Co., cleaning..... | 30 00 |

| | | |
|---------------------------------------|----|------------|
| Oliver Whyte Co., work on grill..... | \$ | 6 00 |
| Dugmore & Duncan, repairing lock..... | | 85 |
| | | <hr/> |
| | | \$4,356 22 |

Text Books and Supplies.

Paid:

| | | |
|---|----|----------|
| C. R. Drew, supplies for cooking classes.... | \$ | 18 35 |
| Yerxa & Yerxa, supplies for cooking classes. | | 76 54 |
| Wm. N. Curtis, supplies for cooking classes.. | | 86 33 |
| P. Volpe & Sons, supplies for cooking classes. | | 15 81 |
| Medford Ice Co., ice..... | | 17 65 |
| Josephine Kintz, models for drawing..... | | 10 00 |
| Miriam F. Remele, stamped envelopes..... | | 21 00 |
| Annie I. Letson, postals..... | | 5 00 |
| Clark Specialty Co., pencil sharpeners..... | | 2 00 |
| Wellman Co., making pins..... | | 2 00 |
| Sinclair Hardware Co., manual training supplies | | 56 47 |
| J. C. Miller, Jr., envelopes, printing..... | | 30 70 |
| Earle Powers, postage, etc..... | | 3 92 |
| E. Teel & Co., lumber..... | | 13 94 |
| Milton Bradley Co., drawing supplies..... | | 674 72 |
| Wm. Read & Sons, muskets, repairs..... | | 102 00 |
| Neostyle Co., paper, ink..... | | 83 00 |
| Jordan, Marsh Co., sewing and cooking sup- plies | | 86 13 |
| John Carter & Co., paper..... | | 97 05 |
| Edw. E. Babb & Co., books, general sup- plies | | 3,757 80 |
| Royal Typewriter Co., typewriters, shields... | | 478 00 |
| Blodgett, Ordway & Webber, cloth..... | | 28 45 |
| Dennison Mfg. Co., erasers..... | | 3 31 |
| Adams, Cushing & Foster, pointers, station- ery | | 25 65 |
| Eimer & Amend, laboratory supplies..... | | 314 01 |
| Jewett City Textile Novelty Co., cloth..... | | 31 64 |

EXPENDITURES

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| | |
|---|----------|
| Kenney Bros. & Wolkins, baskets, inkwells.. | \$ 22 48 |
| Remington Typewriter Co., covers, sundries.. | 11 05 |
| Underwood Typewriter Co., tables..... | 36 00 |
| Cobb, Bates & Yerxa, cooking supplies..... | 76 42 |
| James W. Poole, electrical supplies..... | 9 33 |
| F. S. Webster Co., typewriting supplies, paper | 111 35 |
| Eastern Drug Co., laboratory supplies..... | 58 13 |
| A. L. Bemis, manual training supplies..... | 27 00 |
| Underhill Bros., grinding tools..... | 10 96 |
| Oliver Ditson Co., music, repairs..... | 9 98 |
| Johnson Service Co., sundries..... | 4 73 |
| L. E. Knott Apparatus Co., laboratory sup- plies | 143 52 |
| Spaulding Print Paper Co., drawing sup- plies | 12 27 |
| George W. Blanchard & Co., lumber..... | 270 81 |
| J. W. Bailey & Sons Co., dowels..... | 1 95 |
| Clapp & Tilton, millinery supplies..... | 24 24 |
| Am. Type Founders Co., printing supplies.. | 32 91 |
| Brown-Howland Co., cards..... | 1 20 |
| Carter's Ink Co., record ink..... | 38 |
| Iver Johnson Sporting Goods Co., belts..... | 37 50 |
| Geo. J. Kelley Co., inkwells..... | 24 00 |
| Krey Music Co., music..... | 95 |
| Edw. N. Griffin, music..... | 2 15 |
| Carter, Rice & Co., paper, cutter..... | 6 09 |
| Edgar E. Hayes, binders..... | 17 50 |
| Bumpus & Cook, saws..... | 1 65 |
| T. D. Whitney, canvas..... | 6 00 |
| Frost & Adams Co., drawing supplies..... | 66 60 |
| Yawman & Erbe Mfg. Co., envelopes, etc.... | 2 95 |
| Allyn & Bacon, books..... | 106 36 |
| American Book Co., books..... | 1,164 09 |
| Whitecomb & Barrows, books..... | 50 78 |
| F. J. Barnard & Co., binding..... | 393 08 |
| Gregg Publishing Co., books..... | 69 24 |
| D. C. Heath & Co., books..... | 120 42 |

| | | |
|--|----|-------------|
| The Macmillan Co., books..... | \$ | 95 73 |
| University Publishing Co., books..... | | 6 19 |
| Atkinson, Mentzer & Co., books..... | | 98 52 |
| Charles Scribner's Sons, books..... | | 27 50 |
| Benj. H. Sanborn & Co., books..... | | 40 29 |
| Silver-Burdett & Co., books..... | | 135 09 |
| Houghton, Mifflin Co., books..... | | 396 40 |
| Little, Brown & Co., books..... | | 227 89 |
| Ginn & Co., books..... | | 828 52 |
| Chas. E. Merrill Co., books..... | | 1 04 |
| C. C. Birchard & Co., books..... | | 19 80 |
| The Educational Associates, books..... | | 3 75 |
| Scott, Foresman & Co., books..... | | 9 89 |
| | | <hr/> |
| | | \$10,866 15 |

Summer School.

Paid: -

| | |
|--|----------|
| Sundry Persons, as per pay rolls..... | \$340 00 |
| Annie I. Letson, stamped envelopes..... | 1 30 |
| Milton Bradley Co., paints, inks, etc..... | 8 10 |
| | <hr/> |
| | \$349 40 |

Schoolhouse Fire Alterations.

Paid:

| | |
|--|----------|
| Wm. E. Ober, electrical supplies, labor..... | \$162 00 |
| N. B. Cunningham, carpentry..... | 94 00 |
| M. M. Dyer, carpentry..... | 26 40 |
| Oliver Whyte Co., labor, metal stock..... | 9 50 |
| | <hr/> |
| | \$291 90 |

Junior High Schoolhouse.

Paid:

| | |
|---|-------------|
| M. A. Dyer, architectural services..... | \$6,575 78 |
| M. A. Dyer, professional services on heating and ventilating contract..... | 808 17 |
| M. M. Dyer, tearing down Swan schoolhouse. | 1,000 00 |
| Walter D. Hannigan, land, Park street..... | 3,500 00 |
| Jasper N. Johnson, legal services..... | 30 00 |
| Thomas Leighton, Jr., recording..... | 11 99 |
| Medford Publishing Co., advertising..... | 30 00 |
| John D. Dwyer, commission on sale of prop- erty | 162 50 |
| Mystic Publishing Co., advertising..... | 14 00 |
| C. S. Cunningham & Sons Construction Co., on contract for building..... | 32,791 30 |
| Medford Savings Bank, discharge of mort- gage | 3,070 84 |
| M. B. Foster Electric Co., on contract..... | 1,200 00 |
| | <hr/> |
| | \$49,194 58 |

Evening School.

Paid:

| | |
|---|------------|
| Sundry Persons, as per pay rolls..... | \$1,237 00 |
| Edw. E. Babb & Co., general supplies..... | 22 63 |
| Ginn & Co., book..... | 1 00 |
| Annie I. Letson, stamped envelopes..... | 10 50 |
| D. C. McIntosh, calculation pads..... | 6 72 |
| Gregg Publishing Co., books..... | 12 20 |
| J. C. Miller, Jr., printing..... | 9 85 |
| American Book Co., supplies..... | 5 55 |
| Malden Electric Co., light..... | 70 90 |
| | <hr/> |
| | \$1,376 35 |

SEALER OF WEIGHTS AND MEASURES.**Salary of Sealer.**

One year to Jan. 1, 1917.

| | | |
|---------------------|--|----------|
| Paid: | | |
| Winslow Joyce | | \$500 00 |

Expenses of Sealer of Weights and Measures.

| | | |
|---|--|---------|
| Paid: | | |
| New England Telephone & Telegraph Co., rental and tolls..... | | \$26 06 |
| Winslow Joyce, cash paid for carfares, etc... | | 14 94 |
| Harry Ottmer, assisting sealer..... | | 2 25 |
| Harry J. Margullis, assisting sealer..... | | 2 25 |
| Arthur E. Bowen, assisting sealer..... | | 24 75 |
| Edgar B. Farmer, assisting sealer..... | | 2 25 |
| Richard Leary, Jr., assisting sealer..... | | 11 24 |
| Colin H. Bell, assisting sealer..... | | 13 49 |
| Mary A. Desmond, assisting sealer..... | | 5 40 |
| Medford Publishing Co., advertising..... | | 3 00 |
| Geo. A. Curtis & Son, horse hire..... | | 79 50 |
| Geo. H. Jaues, Jr., batteries..... | | 3 30 |
| Sinclair Hardware Co., tools, sundries..... | | 6 40 |
| Page & Curtin, sundries..... | | 10 63 |
| David Anderson, keys..... | | 50 |
| J. C. Miller, Jr., printing..... | | 2 50 |
| Welch's Express, expressing..... | | 25 |
| Donoghue's Express, expressing..... | | 1 00 |
| American Express Co., expressing..... | | 3 20 |
| Savage's Express Co., expressing..... | | 25 |
| W. & L. E. Gurley, pans, general supplies.... | | 18 50 |
| W. A. Greenough & Co., directory..... | | 3 00 |
| A. W. Brownell, printing..... | | 7 25 |
| Hobbs & Warren, electros, sundries..... | | 33 05 |
| R. Woodman Mfg. & Supply Co., spring..... | | 31 |
| Gifford-Wood Co., scale | | 2 48 |

MEDFORD HISTORICAL SOCIETY.

ac. 2814.

EXPENDITURES

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| | |
|---|----------|
| Herman Strater & Sons, measures..... | \$ 8 00 |
| Scale Journal Pub. Co., subscription..... | 1 50 |
| Reynolds Mfg. Co., seals..... | 12 75 |
| | <hr/> |
| | \$300 00 |

TREASURY DEPARTMENT.

Salary of City Treasurer.

One year to Jan. 1, 1917.

Paid:

| | |
|-----------------------|------------|
| Edward A. Badger..... | \$1,650 00 |
|-----------------------|------------|

Treasury Department Expenses.

Paid:

| | |
|---|----------|
| J. C. Miller, Jr., envelopes, printing..... | \$ 56 85 |
| Frank H. Peak, envelopes..... | 38 54 |
| Edw. A. Badger, carfares, stamps..... | 7 30 |
| American Bank Note Co., check books..... | 30 00 |
| Emerson & Co., rubber stamp..... | 73 |
| American Express Co., expressing..... | 27 |
| | <hr/> |
| | \$133 69 |

WATER AND SEWER DEPARTMENT.

Salaries of Commissioners.

| | |
|---|----------|
| Paid: | |
| Patrick Kearins, from March 6..... | \$41 00 |
| John H. Byron, one year to Jan. 1, 1917.... | 50 00 |
| Eugene F. Irwin, one year to Jan. 1, 1917.... | 50 00 |
| Lawrence G. Brooks, Jan. 1 to March 5, inc... | 9 00 |
| | \$150 00 |

Brooks and Streams.

| | |
|--|----------|
| Paid: | |
| Workmen, as per pay rolls..... | \$211 11 |
| D. Sahl, rubber boots..... | 6 00 |
| Medford, Sewer Construction, erroneous charge on pay roll..... | 3 96 |
| | \$221 07 |

Sewer Construction.

| | |
|---|-------------|
| Paid: | |
| Workmen, as per pay rolls..... | \$16,449 86 |
| Medford Highway Dept., crushed stone, labor, sharpening tools, etc..... | 174 11 |
| Medford Engineering Dept., labor, carfares.. | 841 00 |
| E. J. Hervey, forcite, exploders..... | 90 01 |
| P. A. Waldron, sharpening tools..... | 27 00 |
| H. F. Walker, repairing tools..... | 106 62 |
| J. C. Miller, Jr., printing..... | 16 75 |
| D. Sahl, patching | 1 30 |
| David Anderson, sharpening saws..... | 2 25 |
| Mathews Lumber Co., lumber..... | 97 98 |
| W. C. Miles Co., stock, labor..... | 2 00 |
| Sinclair Hardware Co., paint, pails..... | 4 30 |

EXPENDITURES

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| | |
|---|-------------|
| J. W. Brogan, use of team..... | \$ 5 00 |
| E. J. Hervey Co., lime, soap..... | 2 00 |
| Page & Curtin, paint, brushes, etc..... | 11 05 |
| Medford Water Div., administration and stable expense for year..... | 6,781 11 |
| Savage's Express Co., expressing..... | 60 |
| Ball's Express, expressing..... | 3 50 |
| Boston & Maine R. R., freight, etc..... | 708 68 |
| Welch's Express, expressing..... | 6 50 |
| Geo. W. Blanchard & Co., lumber, cement... | 1,410 59 |
| New England Brick Co., brick..... | 586 13 |
| Gulf Refining Co., kerosene..... | 81 00 |
| Perrin, Seaman & Co., lanterns, tools, etc.. | 153 31 |
| Boston Woven Hose & Rubber Co., hose.... | 37 40 |
| John W. Ramsay, pipe..... | 1,587 63 |
| U. S. Rubber Co., rubber boots..... | 29 75 |
| Fred'k B. Witherly, rings and covers..... | 67 50 |
| Harold L. Bond Co., shovels..... | 41 25 |
| Geo. H. Sampson Co., steel..... | 38 07 |
| Union Cotton Mfg. Co., cloth..... | 215 88 |
| A. J. Wilkinson & Co., saws, tapes..... | 20 00 |
| Margaret D. Stanley, abatement..... | 4 79 |
| Boston & Lockport Block Co., hose couplings. | 41 20 |
| Gibby Foundry Co., frames, covers, rings.... | 487 55 |
| Stone & Forsyth Co., jute packing..... | 96 08 |
| Edson Mfg. Co., castings..... | 7 83 |
| T. H. Lord, filing saws..... | 3 00 |
| Geo. T. Hoyt Co., wagon cover..... | 24 50 |
| National Brake & Electric Co., air com- pressor | 750 00 |
| Standard Oil Co., oil..... | 9 75 |
| Sparrow, Chisholm & Co., gauze..... | 8 16 |
| City of Somerville, one-half cost of construct- ing sewer in North Street..... | 490 67 |
| Ledder & Probst, tracings..... | 21 24 |
| Warren Bros. Co., repairing paving..... | 58 43 |
| | <hr/> |
| | \$31,603 33 |

Sewer Maintenance.

| | |
|--------------------------------|----------|
| Paid: | |
| E. J. Hervey Co., lime..... | \$ 1 60 |
| Workmen, as per pay rolls..... | 829 90 |
| | <hr/> |
| | \$831 50 |

Water Service.

| | |
|--|-------------|
| Paid: | |
| Workmen, as per pay rolls..... | \$28,921 13 |
| Fred L. Cushing, Water Registrar, salary, 1 year to Jan. 1, 1917..... | 1,500 00 |
| Fred L. Cushing, Clerk of Board, salary, 1 year to Jan. 1, 1917..... | 204 00 |
| Fred L. Cushing, cash paid for recording papers, cleaning office, carfares..... | 142 87 |
| Orville J. Whitney, superintendent..... | 950 00 |
| Orville J. Whitney, cash paid for carfares, etc. | 2 25 |
| Henry F. Hughes, cash paid for auto registra- tion | 10 00 |
| New England Telephone & Telegraph Co., rental and tolls | 154 36 |
| Medford Highway Dept., stone, use of roller, sharpening tools | 115 05 |
| Medford, Gypsy and B. T. Moths, labor and supplies at Wright's Pond..... | 190 00 |
| Medford Sealer of Weights and Measures sealing | 1 27 |
| Medford Police Dept., services at Wright's Pond | 22 80 |
| Medford Engineering Dept., labor, carfares.. | 191 92 |
| Medford Ice Co., use of horse and truck, ice.. | 54 60 |
| Medford Post Office, envelopes, stamps..... | 255 78 |
| Medford Pub. Co., copies of report..... | 9 50 |
| American Express Co., expressing..... | 16 14 |
| Boston & Maine R. R., freight..... | 108 76 |

EXPENDITURES

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| | |
|---|----------|
| Donoghue's Express, expressing..... | \$ 3 20 |
| Welch's Express, expressing | 13 90 |
| Savage's Express Co., expressing..... | 6 55 |
| Luke Coyne, shoeing | 10 75 |
| John J. Irwin, labor..... | 18 00 |
| C. T. Hartshorn, chamois, grease, etc..... | 3 75 |
| Charles A. Lucia, harness repairs..... | 15 30 |
| H. F. Walker, painting truck, repairing tools, shoeing | 197 11 |
| David Anderson, bicycle repairs, sundries.... | 11 90 |
| D. Sahl, repairing rubber boots..... | 2 00 |
| Malden Electric Co., light, lamps..... | 157 30 |
| Malden & Melrose Gas Light Co., gas..... | 4 05 |
| J. C. Miller, Jr., printing, etc..... | 248 40 |
| E. J. Hervey, forcite, exploders..... | 101 72 |
| E. J. Hervey Co., salt, soap, etc..... | 2 67 |
| Edw. W. Barrett, M.D., professional services. | 106 00 |
| Geo. H. Archibald, carpentry..... | 21 00 |
| P. F. Gahan, M.D., professional services..... | 2 00 |
| Mystic Rubber Co., tire repairs..... | 64 30 |
| Page & Curtin, hardware, batteries, pipe, etc., | 124 24 |
| J. E. Sweeney, carpentry..... | 141 02 |
| E. Teel & Co., wrenches, repairs, painting.... | 77 23 |
| J. N. Cowin & Co., hay, grain..... | 233 34 |
| John W. Enright, drugs..... | 28 40 |
| Medford Hospital, board, care..... | 46 00 |
| Warren H. Keay, paint, labor..... | 235 61 |
| J. E. Ober & Son, coke, grain..... | 121 24 |
| Frank H. Peak, pencils, pens, paper..... | 6 31 |
| Sinclair Hardware Co., paint, batteries, etc... | 19 64 |
| Teel Mfg. Co., auto repairs, supplies, Cadillac and Ford cars..... | 2,837 77 |
| Cradock Garage, sundries, tires..... | 67 34 |
| Geo. H. Janes, Jr., electrical supplies..... | 45 |
| Morrison's Real Estate & Ins. Agency, in- surance | 32 24 |
| Locke Coal Co., coal..... | 223 17 |
| J. W. Brogan, use of team..... | 12 50 |

| | |
|---|----------|
| Anthony C. Zacher, tire repairs..... | \$ 22 75 |
| W. C. Miles Co..... | 25 |
| Medford Flower & Gift Shop, flowers..... | 25 00 |
| L. W. Stone, chamois..... | 2 50 |
| C. H. Tinkham, book..... | 25 |
| Chapman Valve Mfg. Co., gates, valves, hydrants | 1,378 33 |
| Gulf Refining Co., gasoline, kerosene..... | 759 03 |
| Hersey Mfg. Co., meter parts, meters..... | 470 22 |
| Kelley Springfield Motor Truck Co., supplies. | 156 74, |
| Kennedy Valve Mfg. Co., valves..... | 837 33 |
| H. Mueller Mfg. Co., machine parts..... | 82 08 |
| Neptune Meter Co., meter parts, meters..... | 856 27 |
| Norwood Engineering Co., valve rubbers.... | 6 09 |
| Rensselaer Valve Co., valves, etc..... | 139 18 |
| Richardson & Clement, tools..... | 17 37 |
| Vacuum Oil Co., mobiloil..... | 41 81 |
| Walworth Mfg. Co., tools, unions, etc..... | 86 93 |
| F. W. Webb Mfg. Co., tees, ells, fountains.... | 231 16 |
| R. Woodman Mfg. & Supply Co., wire, etc... | 29 46 |
| Builders' Iron Foundry, sleeves, bends, etc... | 772 60 |
| Chadbourne-Walker Machine Screw Co., serv- ice box locks | 64 48 |
| Chadwick-Boston Lead Co., pipe, pig lead.... | 1,444 12 |
| Chandler & Farquhar, hardware, chain..... | 17 06 |
| Clinton Foundry Co., iron..... | 4 36 |
| Glauber Brass Mfg. Co., water supplies..... | 340 49 |
| International Steam Pump Co., valves..... | 1 50 |
| National Meter Co., meter parts..... | 35 76 |
| Penn Metal Co., sheet metal, etc..... | 42 56 |
| Perrin, Seamans & Co., tools, supplies..... | 106 57 |
| Thompson Meter Co., meter parts, meters.... | 4,519 61 |
| A. J. Wilkinson & Co., metal polish, etc..... | 21 79 |
| Austin & Doten, wire..... | 6 93 |
| Harold L. Bond Co., tools, jute..... | 108 07 |
| Edson Mfg. Co., bolts, hose, etc..... | 21 03 |
| Meter Appliance Co., tail pieces, nuts, bends. | 228 06 |
| Sumner & Gerald, pipe, washers, etc..... | 88 03 |

EXPENDITURES

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| | |
|--|-------------|
| Union Water Meter Co., waste stops, etc.... | \$ 506 41 - |
| J. H. & G. L. Atwood, plugs..... | 7 57 |
| Central Brass Mfg. Co., cocks..... | 2 29 |
| Gibby Foundry Co., gate and service box parts | 832 58 |
| Forrest E. Howes, patterns, etc..... | 72 50 |
| Post & Lester Co., bolt and screw case..... | 52 00 |
| Geo. H. Sampson Co., blasting machine..... | 2 50 |
| United Brass Mfg. Co., couplings, irons..... | 430 57 |
| Universal Refining Co., oil, grease..... | 22 53 |
| Fred'k B. Witherly, service box parts..... | 14 91 |
| Wm. R. Conard, inspecting pipe..... | 57 16 |
| Donaldson Iron Co., pipe..... | 5,516 48 |
| Jones Gauge Co., repairs..... | 1 00 |
| Lead Lined Iron Pipe Co., pipe..... | 2,356 87 |
| R. D. Wood & Co., screws..... | 2 03 |
| Richardson & Clement, dies and stock..... | 9 15 |
| A. P. Smith Mfg. Co., sleeves, valves..... | 101 75 |
| Braman Dow & Co., pipe machines..... | 4 21 |
| Geo. R. Bascom, auto supplies..... | 18 90 |
| National Lead Co., lead..... | 568 29 |
| Dyar Supply Co., drill machine, tools, hose.. | 342 30 |
| National Brake & Electric Co., air com- pressor | 730 86 |
| Standard Oil Co., gasoline, oil..... | 484 08 |
| Cadillac Automobile Co., repairs, parts..... | 26 21 |
| Coffin Valve Co., plugs..... | 1 06 |
| Frank L. Young Co., oil..... | 7 40 |
| Geo. W. Blanchard & Co., lumber..... | 98 29 |
| Francis Doane & Co., chamois..... | 1 50 |
| Iver Johnson Sporting Goods Co., chains.... | 7 13 |
| Lovell & Hall, windows..... | 7 00 |
| United States Tire Co., tires..... | 77 34 |
| Colorecraft Co., paint..... | 1 70 |
| H. I. Dallman Co., brushes, brooms..... | 23 33 |
| G. H. Dyer Co., welding, repairs, etc..... | 11 25 |
| Globe Newspaper Co., advertising..... | 5 55 |
| Library Bureau, filing sections, cards..... | 168 93 |
| Montague Mailing Machinery Co., plates.... | 3 60 |

| | |
|---|-----------|
| Lewis H. Peters, insurance..... | \$ 268 18 |
| Pettingell, Andrews Co., electrical supplies.. | 4 06 |
| Thorp & Martin Co., meter card cases..... | 9 25 |
| Adams, Cushing & Foster, stationery..... | 20 15 |
| W. A. Greenough & Co., directory..... | 3 00 |
| Hobbs & Warren, books..... | 5 61 |
| Kelly-Springfield Tire Co., tires..... | 95 14 |
| A. E. Martell Co., binder, leaves..... | 6 55 |
| Baker-Vawter Co., binders..... | 72 32 |
| B. L. Makepeace, repairs, scale..... | 1 42 |
| Art Metal Construction Co., labor..... | 2 20 |
| B. F. Goodrich Co., tires, tubes..... | 298 24 |
| Boston Badge Co., badges..... | 24 00 |
| Middlesex Registry of Deeds, recording..... | 34 65 |
| Dennison Mfg. Co., tags..... | 70 |
| City of Malden, water..... | 3 33 |
| National Paint & Varnish Co., creosote..... | 4 25 |
| Joseph Palmer, auto repairs..... | 1 50 |
| Standard Thermometer Co., repairs..... | 2 05 |
| Globe-Wernicke Co., desk..... | 30 00 |
| Revere Rubber Co., rubber goods..... | 11 99 |
| Wilkins Press, books, etc..... | 9 50 |
| C. A. Clafin Co., waste..... | 13 68 |
| Graton & Knight Mfg. Co., machine belts.... | 4 63 |
| Industrial Accident Board, services..... | 10 00 |
| Wakefield Motor Tire Reconstruction Co., re- constructing tire | 15 00 |
| Automatic Time Stamp Co., repairs..... | 1 75 |
| Hill & Hill, stable supplies..... | 16 00 |
| Stickney & Montague, repairs..... | 6 89 |
| W. Tracy, tire repairs..... | 4 00 |
| Eberhard Faber, pencils..... | 2 43 |
| Boston Herald, advertising..... | 3 30 |
| Thomas Leighton, Jr., recording..... | 24 05 |
| Mass. Highway Commission, registration fees, | 29 00 |
| Murphy, Leavens & Co., brushes..... | 55 |
| Stone & Forsyth, paper..... | 8 50 |

\$64,637 70

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 | Excess |
|--|---|-------------------------------------|-----------|-----------------------------|-----------------------------------|---------------------|------------------------|--------|
| Interest, including certification of notes | 79,000.00 | | 21,119.18 | 100,119.18 | 10,361.50 | 84,070.14 | 5,681.54 | |
| Interest on the Water Debt... bal. | 1,938.79 | | 6,490.89 | 8,429.68 | | 6,160.00 | 2,269.68 | |
| Junior High Schoolhouse..... app. | 192,500.00 | | 100.00 | 192,600.00 | | 49,194.58 | 143,405.42 | |
| Metropolitan Park Tax... warrant. | 13,903.06 | | | 13,903.06 | | 13,903.06 | | |
| Metropolitan Sewer Tax... warrant. | 26,427.50 | | | 26,427.50 | | 26,427.50 | | |
| Metropolitan Water Tax..... | | 28,997.29 | | 28,997.29 | | 28,997.29 | | |
| Middlesex County Tax... warrant. | 33,144.75 | | | 33,144.75 | | 33,144.75 | | |
| Miscellaneous Account..... app. | 2,000.00 | 1,800.00 | 1.00 | 3,801.00 | | 3,779.80 | 21.20 | |
| Miscellaneous Credits..... | | 30.60 | 38,477.36 | 38,507.96 | 38,150.99 | 356.97 | | |
| Osgood Schoolhouse..... app. | 25,000.00 | | | 25,000.00 | | 24,632.42 | 467.58 | |
| Payment of City Debt | 610.50 | | | | | | | |
| app. | 54,400.00 | 3,152.21 | 80,138.86 | 138,301.57 | | 129,920.00 | 8,381.57 | |
| Rifle Practice, Co. E., 5th Reg. app. | 250.00 | | | 250.00 | | 250.00 | | |
| Salaries | 5,550.00 | | | 5,550.00 | | 5,550.00 | | |
| Sinking Funds..... app. | 17,100.00 | | | 17,100.00 | | 17,100.00 | | |
| Soldiers' Relief..... app. | 1,700.00 | 500.00 | 20.00 | 2,220.00 | | 2,210.14 | 0.86 | |
| State Tax..... warrant. | 51,360.00 | | | 51,360.00 | | 51,360.00 | | |
| State Highway Tax..... warrant. | 430.00 | | | 430.00 | | 430.00 | | |
| Street Betterments | 826.00 | | | | | | | |
| bal. | 7,245.16 | | | 8,071.16 | 5,602.21 | | 2,468.95 | |
| Supreme Court Expenses..... | | 250.00 | | 250.00 | | 250.00 | | |
| Telephones (City Hall)..... app. | 300.00 | 100.00 | | 400.00 | | 399.03 | .97 | |

| | | | | | | | |
|---|----------|----------|----------|-----------|--|-----------|----------|
| Trade Schools..... | | 1,289.86 | | 1,289.86 | | 1,380.36 | 90.50 |
| Wellington Bridge Assmt.. warrant | 4,352.00 | | | 4,352.00 | | 4,352.00 | |
| Assessing Department | | | | | | | |
| Salaries of Assessors..... app. | 2,550.00 | | | 2,550.00 | | 2,550.00 | |
| Assessors' Expenses..... app. | 3,300.00 | 550.00 | 1.00 | 3,851.00 | | 3,850.93 | .07 |
| Auditing Department | | | | | | | |
| Salary of City Auditor..... app. | 1,450.00 | | | 1,450.00 | | 1,450.00 | |
| Expenses, books, printing, etc. app. | 300.00 | | | 300.00 | | 282.64 | 17.36 |
| Printing Reports (binding, etc.) app. | 500.00 | | 39.53 | 539.53 | | 539.53 | |
| Cemetery Department | | | | | | | |
| Salaries of Trustees..... app. | 200.00 | | | 200.00 | | 148.79 | 51.21 |
| Care of Cemeteries..... app. | 1,500.00 | | 8,694.53 | 10,194.53 | | 10,194.53 | |
| City Clerk's Department | | | | | | | |
| Salary of City Clerk..... app. | 1,600.00 | | | 1,600.00 | | 1,600.00 | |
| Expenses, including Assistant app. | 1,300.00 | 600.00 | 25.19 | 1,925.19 | | 1,924.85 | .34 |
| Election Expenses..... app. | 3,200.00 | 120.26 | | 3,320.26 | | 3,320.26 | |
| Printing and Advertising Ordinances app. | 25.00 | | | 25.00 | | 25.00 | |
| Reporting and Recording Births and Deaths..... app. | 300.00 | | | 300.00 | | 299.80 | .20 |
| State Aid | | | 5,075.00 | 5,075.00 | | 5,072.20 | 897.20 |
| Collecting Department | | | | | | | |
| Salary of City Collector..... app. | 1,600.00 | | | 1,600.00 | | 1,600.00 | |
| Expenses, including Clerks..... app. | 2,800.00 | 766.65 | | 3,566.65 | | 3,566.65 | |
| Estates Bought at Sale for Taxes .. | | | 1,151.78 | 1,151.78 | | *4,983.86 | 5,133.61 |
| Income from Estates taken for Taxes | 42.33 | | | 42.33 | | 1,301.53 | |
| | | | | | | | 42.33 |

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 | Excess |
|---|---|-------------------------------------|----------|-----------------------------|-----------------------------------|---------------------|------------------------|--------|
| Electrical Department | | | | | | | | |
| Salary of Supt. of Wires and Gas Fitting | 1,400.00 | | | 1,400.00 | | 1,400.00 | | |
| Electrical Department Expenses app. | 250.00 | 100.00 | | 350.00 | | 344.27 | 5.73 | |
| Fire and Police Signal Service .app. | 300.00 | 150.00 | | 450.00 | | 444.22 | 5.78 | |
| Street Lights | 24,500.00 | | | 24,500.00 | | 24,414.50 | 85.50 | |
| Engineering Department | | | | | | | | |
| Salary of City Engineer.....app. | 1,800.00 | | | 1,800.00 | | 1,800.00 | | |
| Engineering Dept. Expenses...app. | 1,300.00 | 500.00 | 2,788.67 | 4,588.67 | | 4,572.06 | 16.61 | |
| Fire Department | | | | | | | | |
| Salaries of Firemen.....app. | 29,500.00 | | 19.00 | 29,519.00 | | 29,215.10 | 304.80 | |
| Ordinary Expenses including Tele- phones | 3,000.00 | 1,392.10 | 222.71 | 4,614.81 | | 4,605.71 | 9.10 | |
| Health Department | | | | | | | | |
| Salaries of Board of Health...app. | 150.00 | | | 150.00 | | 150.00 | | |
| Salaries of Inspectors | 1,650.00 | | | 1,650.00 | | 1,650.00 | | |
| Health Dept. Exp., Inc. Clerk..app. | 1,500.00 | 724.64 | 331.20 | 2,555.84 | | 2,555.84 | | |
| Contagious Diseases | 490.40 | | | | | | | |
| app. | 1,000.00 | 1,000.00 | 689.28 | 3,179.68 | | 3,179.26 | .42 | |
| Mosquito Nuisance.....assmt. | 8,480.27 | | | 8,480.27 | | | 8,480.27 | |
| Detention Hospital.....bal. | 40.50 | | | 40.50 | | | 40.50 | |
| Infantile Paralysis..... | | 1,500.00 | 97.15 | 1,597.15 | 724.64 | 872.51 | | |

| Highway Department | | | | | | | |
|---|-----------|----------|-----------|-----------|-------|-----------|-----------|
| Salary of Street Commissioner app. | 1,800.00 | | | 1,800.00 | | 1,746.77 | 53.23 |
| Salary of Supt. of Moth Suppression app. | 400.00 | | | 400.00 | | 400.00 | |
| Ashes (collection of) app. | 13,000.00 | 1,000.00 | 576.00 | 14,576.00 | | 14,576.00 | |
| Bridges app. | 200.00 | | | 200.00 | | 200.00 | |
| Collection of House Ofal bal. | 19.29 | | | | | | |
| app. | 7,000.00 | 500.00 | 2,400.00 | 9,919.29 | | 9,919.29 | |
| Fairmount Street bal. | 30.60 | | | 30.60 | 30.60 | | |
| Forest Street bal. | 4,735.58 | | 58.89 | 4,794.47 | | 4,794.47 | |
| General Repairs of Highways bal. | 484.61 | | | | | | |
| app. | 14,000.00 | | 27,301.87 | 41,876.48 | | 41,591.85 | 284.63 |
| Gleason Street bal. | 201.43 | | | 201.43 | | 201.43 | |
| Gravel Sidewalks app. | 600.00 | | | 600.00 | | 600.00 | |
| Gypsy and Brown Tail Moths bal. | 431.64 | | | | | | |
| assmts. | 947.47 | | | | | | |
| app. | 1,000.00 | 1,000.00 | 362.64 | 3,741.75 | | 2,798.54 | 943.21 |
| Guide Boards and Street Signs app. | 100.00 | | 64.81 | 164.81 | | 164.81 | |
| Original Construction of Streets app. | 45,600.00 | | | 45,600.00 | | 37,944.47 | 7,655.53 |
| Paving Gutters app. | 200.00 | 500.00 | | 700.00 | | 700.00 | |
| Sidewalks and Edgestones bal. | 277.47 | | | | | | |
| Brick and Granolithic assmts. | 3,781.51 | | | | | | |
| Granite Edgestones app. | 54,000.00 | | 334.95 | 58,393.03 | | 45,502.98 | 12,890.95 |
| Snow (Removal of) app. | | | 28.29 | 28.29 | | 28.29 | |
| Stone Bounds app. | 50.00 | | | 50.00 | | 50.00 | |
| Surface Drains bal. | 1,641.47 | | | | | | |
| app. | 21,000.00 | | 626.40 | 23,267.87 | | 18,192.08 | 5,075.79 |
| Trees, Setting out, Care of Leopard Moth and Beetle Work app. | 600.00 | 500.00 | 35.43 | 1,135.43 | | 1,135.43 | |
| Watering Streets assmt. | 17,480.47 | | | | | | |
| bal. | 5.74 | | 781.80 | 18,268.01 | | 18,274.48 | 6.47 |

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 | R. t. A. Excess |
|--|---|-------------------------------------|----------|-----------------------------|-----------------------------------|---------------------|------------------------|--------------------|
| Building Inspection Department | | | | | | | | |
| Salary of Insp. of Buildings....app. | 1,000.00 | | | 1,000.00 | | 1,000.00 | | |
| Expenses of Insp. of Buildings app. | 300.00 | 65.00 | | 365.00 | | 302.80 | 2.20 | |
| Park Department | | | | | | | | |
| Public Commons, including Play- grounds .....app. | 3,000.00 | 1,007.50 | | 4,007.50 | | 3,982.93 | 24.57 | |
| Care of Bath Houses.....app. | 300.00 | | | 300.00 | 257.50 | 42.50 | | |
| Grading Playgrounds bal. | 218.72 | | | 218.72 | | 218.72 | | |
| Playground Equipment.....app. | 2,500.00 | | | 2,500.00 | | 1,737.19 | 762.81 | |
| Police Department | | | | | | | | |
| Salaries of Policemen, including Janitor .....app. | 33,300.00 | | | 33,300.00 | 200.00 | 33,028.80 | 71.20 | |
| Special Police, and other Expenses Boiler .....app. | 3,000.00 | 1,500.00 | 143.50 | 4,643.50 | | 4,642.63 | .87 | |
| bal. | 687.25 | | | 687.25 | | 174.50 | 512.75 | |
| Police Ambulance.....app. | 3,850.00 | | | 3,850.00 | | 3,850.00 | | |
| Public Library Department | | | | | | | | |
| General Expenses, including Salaries and Janitor.....app. | 9,500.00 | 100.00 | 2,392.94 | 11,992.94 | | 11,992.94 | | |
| Agencies, including expressing app. | 366.00 | | | 366.00 | | 366.00 | | |

| | | | | | | | |
|--|------------|----------|----------|------------|----------|------------|--------|
| Relief of Poor Department | | | | | | | |
| Salaries of Overseers and Sec. app. | 950.00 | | | 950.00 | | 950.00 | |
| City Home app. | 3,500.00 | 700.00 | 442.79 | 4,642.79 | | 4,632.07 | 10.72 |
| Outside Relief bal. | 82.51 | | | | | | |
| app. | 7,000.00 | 2,000.00 | 3,840.43 | 12,022.94 | | 12,623.74 | 299.20 |
| Repairs app. | 200.00 | | | 200.00 | | 198.93 | 1.07 |
| School Department | | | | | | | |
| Salary of Secretary app. | 300.00 | | | 300.00 | | 300.00 | |
| Salary of Superintendent app. | 3,060.00 | | | 3,060.00 | | 3,060.00 | |
| Salaries of Teachers and Subs. app. | 144,610.00 | | 79.00 | 144,689.00 | 2,235.00 | 142,387.59 | 66.41 |
| Stewardship, including Truant Officer app. | 14,000.00 | | 2.40 | 14,002.40 | 720.00 | 13,278.93 | 3.47 |
| General Expenses app. | 2,500.00 | 235.00 | 1,399.30 | 4,134.30 | | 4,079.05 | 55.25 |
| Evening School app. | 1,200.00 | 200.00 | | 1,400.00 | | 1,376.35 | 23.65 |
| Fuel app. | 9,000.00 | 6,755.65 | | 15,755.65 | | 15,752.31 | 3.34 |
| Medical Inspection app. | 200.00 | | | 200.00 | | 200.00 | |
| Repairs app. | 3,500.00 | 858.10 | | 4,358.10 | | 4,356.22 | 1.88 |
| Summer School app. | 350.00 | | | 350.00 | | 349.40 | .60 |
| Schoolhouse Fire Alterations bal. | 1,000.00 | | | 1,000.00 | 708.10 | 291.90 | |
| Text Books and Supplies app. | 8,500.00 | 2,370.00 | | 10,870.00 | | 10,866.15 | 3.85 |
| Lincoln Schoolhouse Repairs | | | 6,146.46 | 6,146.46 | | 6,146.46 | |
| High Schoolhouse Repairs | | | 449.25 | 449.25 | | 382.86 | 66.39 |
| Sealer of Weights and Measures | | | | | | | |
| Salary of Sealer app. | 500.00 | | | 500.00 | | 500.00 | |
| Expenses of Sealer app. | 200.00 | 100.00 | | 300.00 | | 300.00 | |
| Treasury Department | | | | | | | |
| Salary of City Treasurer app. | 1,650.00 | | | 1,650.00 | | 1,650.00 | |
| Treasury Dept. Expenses app. | 150.00 | | | 150.00 | | 133.69 | 16.31 |

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 | Excess |
|---------------------------------------|---|-------------------------------------|------------|-----------------------------|-----------------------------------|---------------------|------------------------|----------|
| Water and Sewer Department | | | | | | | | |
| Salaries of Commissioners.....app. | 150.00 | | | 150.00 | | 150.00 | | |
| Brooks and Streams.....bal. | 123.56 | 300.00 | | 423.56 | 75.00 | 221.07 | 127.49 | |
| Sewer Construction.....bal. | 3,229.76 | | | | | | | |
|assmt. | 21,285.07 | | | | | | | |
|app. | 15,000.00 | | 405.39 | 39,920.22 | | 31,603.33 | 8,316.89 | |
| Sewer Maintenance.....app. | 800.00 | | 35.00 | 835.00 | | 831.50 | 3.50 | |
| Water Service.....conn. | 5,181.01 | | 88,453.98 | 93,634.99 | 28,997.29 | 64,637.70 | | |
| | 1,380,068.12 | 65,865.16 | 305,344.78 | 1,751,278.06 | 88,062.83 | 1,316,944.17 | 352,398.84 | 6,127.78 |
| Cash in Treasury, Jan. 1, 1916..... | | | 42,614.53 | | | | | |
| Cash in Treasury, Jan. 1, 1917..... | | | | | | 198,853.73 | | |
| Appropriation..... | | 23,666.03 | | | | | | |
| Bonds..... | | | 518,950.00 | | | | | |
| Notes..... | | | 35,000.00 | | | | | |
| Notes in Anticipation of Revenue..... | | | 450,000.00 | | | 550,000.00 | | |
| Perpetual Care Fund..... | | | 2,637.84 | | | 2,637.84 | | |
| Excess and Deficiency..... | | | | | 1,468.36 | | | |
| Overlay and Abatement, 1915..... | | | | | | 99.76 | | |
| Accounts with City Collector: | | | | | | | | |
| Taxes..... | | | 651,810.58 | | | | | |
| December Taxes..... | | | 5,758.08 | | | 4.00 | | |

| | | | | | |
|--|------------|--------------|--|--------------|--------------|
| Sewer Connections..... | | 3,749.08 | | | |
| Sewer Connections added to Taxes..... | | 3,666.61 | | | |
| Sewer Connections Apportioned..... | | 1,587.45 | | | |
| Sewer Assessments..... | | 8,395.11 | | | |
| Sewer Apportionments..... | | 3,048.91 | | | |
| Sidewalk Applications..... | | 1,133.83 | | | |
| Sidewalk Assessments..... | | 1,891.78 | | | |
| Sidewalk Apportionments..... | | 1,161.91 | | | |
| Gypsy and Brown Tail Moth Assmt..... | | 1,100.14 | | | |
| Watering Assessment..... | | 15,623.95 | | | |
| Water Connections..... | | 4,145.95 | | | |
| Betterments..... | | 3,822.46 | | | |
| Betterments Apportioned..... | | 762.65 | | | |
| | | | | 2,068,530.50 | |
| *Deductions | | | | | |
| Debit balance Jan. 1, 1916 of Estates bought at sale for taxes \$4,983.86 | | | | 6,333.86 | |
| Insurance paid in 1915 1,350.00 | | | | | |
| | \$9,531.19 | 2,062,205.64 | | \$9,531.19 | 2,062,205.64 |

BALANCES.

(Or Assets and Liabilities)

January 1, 1917.

| | Dr. | Cr. |
|---|-----------|--------------|
| *Departmental Equipment .. | | \$ 14,227 84 |
| *City Hall Construction.... | | 125,085 00 |
| *Hancock Avenue Schoolhouse | | 498 75 |
| *High Schoolhouse Addition. | | 3,371 30 |
| Income from Trust Funds... | | 127 73 |
| Interest on the Water Debt.. | | 2,269 68 |
| *Junior High Schoolhouse... | | 143,405 42 |
| *Osgood Schoolhouse | | 467 58 |
| Payment of City Debt..... | | 8,381 57 |
| Street Betterments | | 2,468 95 |
| Mosquito Nuisance | | 8,480 27 |
| ‡General Repairs of Highways | | 284 63 |
| ‡Gypsy and Brown Tail Moths | | 943 21 |
| *Original Construction of Streets | | 7,655 53 |
| *Sidewalks | | 12,890 95 |
| *Surface Drains | | 5,075 79 |
| *Playground Equipment ... | | 762 81 |
| *Boiler—Police Dept. | | 512 75 |
| **High Schoolhouse Repairs.. | | 66 39 |
| *Sewer Construction | | 8,316 89 |
| ††State Aid | \$ 897 20 | |

| | | |
|-----------------------------|-------------|--------------|
| Estates bought at sale for | | |
| Taxes | \$ 5,133 61 | |
| Cash in Treasury, Jan. 1, | | |
| 1917 | 198,853 73 | |
| Taxes | 293,194 33 | |
| December Taxes | 10,285 35 | |
| Sewer Connections | 6,020 48 | |
| Sewer Connections Added to | | |
| Taxes | 3,015 68 | |
| Sewer Connection Appor- | | |
| tioned | 622 00 | |
| Sewer Assessments | 10,153 01 | |
| Sewer Apportionments | 1,594 75 | |
| Sidewalk Applications | 1,303 19 | |
| Sidewalk Assessments | 525 02 | |
| Sidewalk Apportionments .. | 496 30 | |
| Gypsy and Brown Tail Moth | | |
| Assessment | 525 73 | |
| Watering Assessment | 7,157 91 | |
| Mosquito Assessment | 3,481 72 | |
| Water Connections | 2,293 51 | |
| Betterments | 2,055 09 | |
| Betterments Apportioned ... | 132 65 | |
| December Tax Levy..... | | \$15,634 81 |
| Excess and Deficiency..... | | 7,250 83 |
| Notes in Anticipation of | | |
| Revenue | | 200,000 00 |
| Overlay and Abatement, | | |
| 1913 | | 942 52 |
| Overlay and Abatement, | | |
| 1914 | | 971 14 |
| Overlay and Abatement, | | |
| 1915 | | 3,377 47 |
| Overlay and Abatement, | | |
| 1916 | | 10,071 45 |
| Appropriations | 35,800 00 | |
| Bonds | | 2,095,300 00 |

| | | |
|-----------------------------|----------------|----------------|
| Notes | | \$254,139 30 |
| Public Property | \$1,809,350 00 | |
| Property and Debt Balance.. | 540,089 30 | |
| | <hr/> | <hr/> |
| | \$2,932,980 56 | \$2,932,980 56 |

*Bonds or notes have been or are to be issued.

+Street Railway Tax

‡Assessments.

**Insurance.

††Mexican border relief

Sewer Assessments Apportioned.

The amount of apportionments to be committed to City Collector for collection in future years as reported on page 146 of the report dated Jan. 1, 1916 was

| | | |
|---|------------|------------|
| Apportioned in 1916..... | | \$5,293 36 |
| Abated in 1916..... | | 2,532 87 |
| | | 27 00 |
| | | <hr/> |
| | | \$7,853 23 |
| Committed to Collector in 1916 | \$2,482 93 | |
| Paid in advance in 1916.... | 389 84 | 2,872 77 |
| | <hr/> | <hr/> |
| Balance to be committed in future years | | \$4,980 46 |

Sewer Connections Apportioned.

| | | |
|---|--|------------|
| Jan. 1, 1916, balance to be committed | | \$4,104 90 |
| Apportioned in 1916..... | | 2,307 11 |
| | | <hr/> |
| | | \$6,412 01 |

| | | |
|--|------------|------------|
| Committed to Collector in 1916 | \$1,288 43 | |
| Paid in advance in 1916..... | 256 36 | \$1,544 79 |
| | <hr/> | <hr/> |
| Balance to be committed in future years | | \$1,867 22 |

Sidewalk Assessments Apportioned.

| | | |
|--|--|------------|
| Jan. 1, 1916, balance to be committed | | \$1,472 22 |
| Apportioned in 1916 | | 37 20 |
| | | <hr/> |
| | | \$1,509 42 |

| | | |
|--|----------|----------|
| Committed to Collector in 1916 | \$901 77 | |
| Paid in advance in 1916..... | 48 22 | 949 99 |
| | <hr/> | <hr/> |
| Balance to be committed in future years | | \$559 43 |

Street Betterments Apportioned.

| | | |
|--|--|------------|
| Jan. 1, 1916, balance to be committed | | \$1,280 52 |
| Apportioned in 1916..... | | 442 36 |
| | | <hr/> |
| | | \$1,722 88 |

| | | |
|--|----------|----------|
| Committed to Collector in 1916 | \$720 57 | |
| Paid in advance in 1916..... | 138 55 | 859 12 |
| | <hr/> | <hr/> |
| Balance to be committed in future years | | \$863 76 |

Miscellaneous Bills.

All miscellaneous bills which are due to the several departments of the City (except the Cemetery Department) are first sent to the City Auditor's office where they are recorded, numbered and sent to the party designated, and a credit memorandum of the items is given to the City Collector.

The books of this Department show the amounts remaining uncollected Jan. 1, 1917, to have been for the following accounts:

| | |
|--|------------|
| General repairs of Highways..... | \$ 601 69 |
| Trees | 3 00 |
| General Expenses—School Dept..... | 387 00 |
| Outside Relief | 1,201 34 |
| Contagious Diseases | 493 17 |
| Sewer Maintenance | 50 35 |
| Sewer Construction | 107 58 |
| Watering Streets | 8 70 |
| Gypsy and Brown Tail Moths..... | 13 69 |
| Sidewalks and Edgestones..... | 42 04 |
| Surface Drains | 8 50 |
| Almshouse | 53 58 |
| Ashes | 240 00 |
| Income from Estates taken for taxes..... | 22 50 |
| Miscellaneous Credits | 59 78 |
| Collection of House Offal..... | 800 00 |
| Infantile Paralysis | 32 00 |
| Engineering Dept. Expenses | 1 44 |
| | <hr/> |
| | \$4,126 36 |

SCHEDULE C.

Of the Commonwealth of Massachusetts Bureau of Statistics.

Statement of Debt, Jan. 1, 1917.

| | | | |
|--|----------------|----------------|--|
| Total General Debt..... | | \$2,201,439 30 | |
| Sinking Funds | | 850,965 13 | |
| | | <hr/> | |
| Net General Debt..... | | \$1,350,474 17 | |
| | | | |
| Sinking Fund, Public Service | | | |
| Enterprise Debt | \$154,981 29 | | |
| Total Public Service Enter- | | | |
| prise Debt | 148,000 00 | | |
| | | <hr/> | |
| Surplus of Public Service Enterprise Sinking | | | |
| Fund | | \$6,981 29 | |
| | | <hr/> | |
| Total Net Debt..... | | \$1,343,492 88 | |
| | | | |
| Total in Bonds outstanding... | \$2,095,300 00 | | |
| Total in Notes outstanding... | 254,139 30 | | |
| | | <hr/> | |
| | \$2,349,439 30 | | |
| Total Sinking Funds..... | 1,005,946 42 | \$1,343,492 88 | |
| | | <hr/> | |

BONDS.

All bonds bear 4 per cent. interest except High School Addition \$11,500, the High School Original Equipment \$15,000, the Surface Drainage \$11,400, and the Original Construction of Streets \$13,600 which are at 4 1-2 per cent. interest.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|----------------------------|---------------|-------------|-------------|-------------------|
| Water Fund | Jan. 1, 1917 | S. F. | \$ 2,000.00 | ..... |
| " " | July 1, 1917 | " " | 3,000.00 | ..... |
| " " | Jan. 1, 1918 | " " | 4,000.00 | ..... |
| " " | July 1, 1918 | " " | 4,000.00 | ..... |
| " " | Jan. 1, 1919 | " " | 3,000.00 | ..... |
| " " | Oct. 1, 1919 | " " | 25,000.00 | ..... |
| " " | Jan. 1, 1920 | " " | 4,000.00 | ..... |
| " " | July 1, 1920 | " " | 15,000.00 | ..... |
| " " | Jan. 1, 1921 | " " | 3,000.00 | ..... |
| " " | July 1, 1921 | " " | 15,000.00 | ..... |
| " " | Jan. 1, 1922 | " " | 4,000.00 | ..... |
| " " | Dec. 1, 1922 | " " | 25,000.00 | ..... |
| " " | July 1, 1923 | " " | 26,000.00 | 133,000.00 |
| Public Building Loan | Aug. 1, 1918 | S. F. | 80,000.00 | ..... |
| " " " | Mar. 1, 1919 | " " | 35,000.00 | 115,000.00 |
| Sewerage Loan | Feb. 1, 1917 | Taxes | 500.00 | ..... |
| " " | June 1, 1917 | " " | 500.00 | ..... |
| " " | Aug. 1, 1917 | S. F. | 20,000.00 | ..... |
| " " | Sept. 1, 1917 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1917 | " " | 500.00 | ..... |
| " " | Dec. 1, 1917 | " " | 500.00 | ..... |
| " " | Feb. 1, 1918 | " " | 500.00 | ..... |
| " " | June 1, 1918 | " " | 500.00 | ..... |
| " " | Aug. 1, 1918 | S. F. | 10,000.00 | ..... |
| " " | Sept. 1, 1918 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1918 | " " | 500.00 | ..... |
| " " | Dec. 1, 1918 | " " | 500.00 | ..... |
| " " | Feb. 1, 1919 | " " | 500.00 | ..... |
| " " | June 1, 1919 | " " | 500.00 | ..... |
| " " | Aug. 1, 1919 | S. F. | 20,000.00 | ..... |
| " " | Sept. 1, 1919 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1919 | " " | 500.00 | ..... |
| " " | Dec. 1, 1919 | " " | 500.00 | ..... |
| " " | Feb. 1, 1920 | " " | 500.00 | ..... |
| " " | June 1, 1920 | " " | 500.00 | ..... |
| " " | Aug. 1, 1920 | S. F. | 15,000.00 | ..... |
| " " | Sept. 1, 1920 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1920 | " " | 500.00 | ..... |
| " " | Dec. 1, 1920 | " " | 500.00 | ..... |
| " " | Feb. 1, 1921 | " " | 500.00 | ..... |
| " " | June 1, 1921 | " " | 500.00 | ..... |
| " " | Aug. 1, 1921 | S. F. | 23,000.00 | ..... |
| " " | Sept. 1, 1921 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1921 | " " | 500.00 | ..... |

Bonds—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|---------------|---------------|-------------|-----------|-------------------|
| Sewerage Loan | Dec. 1, 1921 | Taxes | \$ 500.00 | ..... |
| " " | Feb. 1, 1922 | " | 500.00 | ..... |
| " " | June 1, 1922 | " | 500.00 | ..... |
| " " | Aug. 1, 1922 | S. F. | 25,000.00 | ..... |
| " " | Sept. 1, 1922 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1922 | " | 500.00 | ..... |
| " " | Dec. 1, 1922 | " | 500.00 | ..... |
| " " | Feb. 1, 1923 | " | 500.00 | ..... |
| " " | June 1, 1923 | " | 500.00 | ..... |
| " " | Aug. 1, 1923 | S. F. | 30,000.00 | ..... |
| " " | Sept. 1, 1923 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1923 | " | 500.00 | ..... |
| " " | Dec. 1, 1923 | " | 500.00 | ..... |
| " " | Feb. 1, 1924 | " | 500.00 | ..... |
| " " | June 1, 1924 | " | 500.00 | ..... |
| " " | July 1, 1924 | S. F. | 10,000.00 | ..... |
| " " | Sept. 1, 1924 | Taxes | 500.00 | ..... |
| " " | Oct. 1, 1924 | S. F. | 10,000.00 | ..... |
| " " | Nov. 1, 1924 | Taxes | 500.00 | ..... |
| " " | Dec. 1, 1924 | " | 500.00 | ..... |
| " " | Feb. 1, 1925 | " | 500.00 | ..... |
| " " | June 1, 1925 | " | 500.00 | ..... |
| " " | July 1, 1925 | S. F. | 20,000.00 | ..... |
| " " | Sept. 1, 1925 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1925 | " | 500.00 | ..... |
| " " | Dec. 1, 1925 | " | 500.00 | ..... |
| " " | Feb. 1, 1926 | " | 500.00 | ..... |
| " " | June 1, 1926 | " | 500.00 | ..... |
| " " | July 1, 1926 | S. F. | 41,000.00 | ..... |
| " " | Sept. 1, 1926 | Taxes | 500.00 | ..... |
| " " | Nov. 1, 1926 | " | 500.00 | ..... |
| " " | Dec. 1, 1926 | " | 500.00 | ..... |
| " " | Feb. 1, 1927 | " | 500.00 | ..... |
| " " | June 1, 1927 | " | 500.00 | ..... |
| " " | Sept. 1, 1927 | " | 500.00 | ..... |
| " " | Nov. 1, 1927 | " | 500.00 | ..... |
| " " | Dec. 1, 1927 | " | 500.00 | ..... |
| " " | Feb. 1, 1928 | " | 500.00 | ..... |
| " " | June 1, 1928 | " | 500.00 | ..... |
| " " | Sept. 1, 1928 | " | 500.00 | ..... |
| " " | Nov. 1, 1928 | " | 500.00 | ..... |
| " " | Dec. 1, 1928 | " | 500.00 | ..... |
| " " | Feb. 1, 1929 | " | 500.00 | ..... |
| " " | June 1, 1929 | " | 500.00 | ..... |
| " " | Sept. 1, 1929 | " | 500.00 | ..... |
| " " | Nov. 1, 1929 | " | 500.00 | ..... |
| " " | Dec. 1, 1929 | " | 500.00 | ..... |
| " " | Feb. 1, 1930 | " | 500.00 | ..... |

Bonds—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|---------------|---------------|-------------|-----------|-------------------|
| Sewerage Loan | June 1, 1930 | Taxes | \$ 500.00 | |
| " | Sept. 1, 1930 | " | 500.00 | |
| " | Nov. 1, 1930 | " | 500.00 | |
| " | Dec. 1, 1930 | " | 500.00 | |
| " | Feb. 1, 1931 | " | 500.00 | |
| " | June 1, 1931 | " | 500.00 | |
| " | Sept. 1, 1931 | " | 500.00 | |
| " | Nov. 1, 1931 | " | 500.00 | |
| " | Dec. 1, 1931 | " | 500.00 | |
| " | Feb. 1, 1932 | " | 500.00 | |
| " | June 1, 1932 | " | 500.00 | |
| " | Sept. 1, 1932 | " | 500.00 | |
| " | Nov. 1, 1932 | " | 500.00 | |
| " | Dec. 1, 1932 | " | 500.00 | |
| " | Feb. 1, 1933 | " | 500.00 | |
| " | June 1, 1933 | " | 500.00 | |
| " | Nov. 1, 1933 | " | 500.00 | |
| " | Dec. 1, 1933 | " | 500.00 | |
| " | June 1, 1934 | " | 500.00 | |
| " | Nov. 1, 1934 | " | 500.00 | |
| " | Dec. 1, 1934 | " | 500.00 | |
| " | June 1, 1935 | " | 500.00 | |
| " | Nov. 1, 1935 | " | 500.00 | |
| " | Dec. 1, 1935 | " | 500.00 | |
| " | June 1, 1936 | " | 500.00 | |
| " | Nov. 1, 1936 | " | 500.00 | |
| " | Dec. 1, 1936 | " | 500.00 | |
| " | June 1, 1937 | " | 500.00 | |
| " | Nov. 1, 1937 | " | 500.00 | |
| " | Dec. 1, 1937 | " | 500.00 | |
| " | June 1, 1938 | " | 500.00 | |
| " | Nov. 1, 1938 | " | 500.00 | |
| " | Dec. 1, 1938 | " | 500.00 | |
| " | May 1, 1939 | S. F. | 5,000.00 | |
| " | June 1, 1939 | Taxes | 500.00 | |
| " | Sept. 1, 1939 | S. F. | 5,000.00 | |
| " | Nov. 1, 1939 | Taxes | 500.00 | |
| " | Dec. 1, 1939 | " | 500.00 | |
| " | June 1, 1940 | " | 500.00 | |
| " | Sept. 1, 1940 | S. F. | 15,000.00 | |
| " | Nov. 1, 1940 | Taxes | 500.00 | |
| " | Dec. 1, 1940 | " | 500.00 | |
| " | June 1, 1941 | " | 500.00 | |
| " | Sept. 1, 1941 | S. F. | 5,000.00 | |
| " | Nov. 1, 1941 | Taxes | 500.00 | |
| " | Dec. 1, 1941 | " | 500.00 | |
| " | June 1, 1942 | " | 500.00 | |
| " | Nov. 1, 1942 | " | 500.00 | |

Bonds—Continued.

| LOANS | Due | How Payable | Amount | - Total Outstanding |
|---|--------------|-------------|-----------|---------------------|
| Sewerage Loan | Dec. 1, 1942 | Taxes | \$ 500.00 | |
| “ “ | June 1, 1946 | “ | 500.00 | \$313,000.00 |
| “ “ | June 1, 1943 | “ | 500.00 | |
| “ “ | Nov. 1, 1943 | “ | 500.00 | |
| “ “ | Dec. 1, 1943 | “ | 500.00 | |
| “ “ | June 1, 1944 | “ | 500.00 | |
| “ “ | Dec. 1, 1944 | “ | 500.00 | |
| “ “ | June 1, 1945 | “ | 500.00 | |
| City Hall | Jan. 3, 1917 | Taxes | 10,000.00 | |
| “ “ | Jan. 3, 1918 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1919 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1920 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1921 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1922 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1923 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1924 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1925 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1926 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1927 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1928 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1929 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1930 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1931 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1932 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1933 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1934 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1935 | “ | 10,000.00 | |
| “ “ | Jan. 3, 1936 | “ | 10,000.00 | 200,000.00 |
| Park Loan | Feb. 1, 1930 | S. F. | 12,000.00 | |
| “ “ | July 1, 1932 | “ “ | 20,000.00 | 32,000.00 |
| Metropolitan Park Assessment Loan | Nov. 1, 1932 | S. F. | | 27,000.00 |
| Playground Loan | May 15, 1917 | Taxes | 2,500.00 | |
| “ “ | July 1, 1917 | “ | 200.00 | |
| “ “ | Aug. 1, 1917 | “ | 1,500.00 | |
| “ “ | May 15, 1918 | “ | 2,500.00 | |
| “ “ | July 1, 1918 | “ | 200.00 | |
| “ “ | Aug. 1, 1918 | “ | 1,500.00 | |
| “ “ | May 15, 1919 | “ | 2,500.00 | |
| “ “ | July 1, 1919 | “ | 200.00 | |
| “ “ | Aug. 1, 1919 | “ | 1,500.00 | |
| “ “ | May 15, 1920 | “ | 2,000.00 | |
| “ “ | July 1, 1920 | “ | 200.00 | |
| “ “ | Aug. 1, 1920 | “ | 1,500.00 | |
| “ “ | May 15, 1921 | “ | 2,000.00 | |
| “ “ | Aug. 1, 1921 | “ | 1,500.00 | |

Bonds—Continued.

| LOANS | Duo | How Payable | Amount | Total Outstanding |
|------------------------------|---------------|-------------|-------------|-------------------|
| Playground Loan | May 15, 1922 | Taxes | \$ 2,000.00 | |
| " " | Aug. 1, 1922 | " | 1,500.00 | |
| " " | May 15, 1923 | " | 2,000.00 | |
| " " | Aug. 1, 1923 | " | 1,500.00 | |
| " " | May 15, 1924 | " | 2,000.00 | |
| " " | Aug. 1, 1924 | " | 1,500.00 | |
| " " | Aug. 1, 1925 | " | 1,500.00 | |
| " " | Aug. 1, 1926 | " | 1,500.00 | |
| " " | Aug. 1, 1927 | " | 1,500.00 | |
| " " | Aug. 1, 1928 | " | 1,500.00 | |
| " " | Aug. 1, 1929 | " | 1,500.00 | |
| " " | Aug. 1, 1930 | " | 1,500.00 | |
| " " | Aug. 1, 1931 | " | 1,500.00 | |
| " " | May 1, 1932 | S. F. | 9,000.00 | |
| " " | Aug. 1, 1932 | Taxes | 1,500.00 | |
| " " | Aug. 1, 1933 | " | 1,000.00 | |
| " " | Aug. 1, 1934 | " | 1,000.00 | |
| " " | Aug. 1, 1935 | " | 1,000.00 | |
| " " | Aug. 1, 1936 | " | 1,000.00 | |
| " " | Aug. 1, 1937 | " | 1,000.00 | |
| " " | Aug. 1, 1938 | " | 1,000.00 | |
| " " | Aug. 1, 1939 | " | 1,000.00 | |
| " " | Aug. 1, 1940 | " | 1,000.00 | |
| " " | Aug. 1, 1941 | " | 1,000.00 | |
| " " | Aug. 1, 1942 | " | 1,000.00 | \$61,300.00 |
| Lincoln Schoolhouse Loan | May 1, 1922 | S. F. | | 45,000.00 |
| City Stable Loan | June 1, 1924 | S. F. | | 15,000.00 |
| Schoolhouse Improvement Loan | May 1, 1927 | S. F. | | 14,000.00 |
| Schoolhouse Loan (1908) | Aug. 1, 1928 | S. F. | | 95,000.00 |
| School Loan (1911) | Sept. 1, 1917 | Taxes | 4,000.00 | |
| " " " | Sept. 1, 1918 | " | 4,000.00 | |
| " " " | Sept. 1, 1919 | " | 4,000.00 | |
| " " " | Sept. 1, 1920 | " | 4,000.00 | |
| " " " | Sept. 1, 1921 | " | 4,000.00 | |
| " " " | Sept. 1, 1922 | " | 4,000.00 | |
| " " " | Sept. 1, 1923 | " | 4,000.00 | |
| " " " | Sept. 1, 1924 | " | 4,000.00 | |
| " " " | Sept. 1, 1925 | " | 4,000.00 | |
| " " " | Sept. 1, 1926 | " | 4,000.00 | |
| " " " | Sept. 1, 1927 | " | 4,000.00 | |
| " " " | Sept. 1, 1928 | " | 4,000.00 | |
| " " " | Sept. 1, 1929 | " | 4,000.00 | |

Bonds—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|--------------------------|---------------|-------------|------------|-------------------|
| School Loan (1911) | Sept. 1, 1930 | Taxes | \$3,000.00 | ..... |
| “ “ “ | Sept. 1, 1931 | “ | 3,000.00 | \$58,000.00 |
| School Loan (1912) | Jan. 1, 1917 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1917 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1918 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1918 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1919 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1919 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1920 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1920 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1921 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1921 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1922 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1922 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1923 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1923 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1924 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1924 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1925 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1925 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1926 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1926 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1927 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1927 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1928 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1928 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1929 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1929 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1930 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1930 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1931 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1931 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1932 | “ | 5,000.00 | ..... |
| “ “ “ | July 1, 1932 | “ | 6,000.00 | ..... |
| “ “ “ | Jan. 1, 1933 | “ | 5,000.00 | 181,000.00 |
| Junior High School | July 5, 1917 | “ | 6,250.00 | ..... |
| “ “ “ | Oct. 2, 1917 | “ | 3,300.00 | ..... |
| “ “ “ | July 5, 1918 | “ | 6,250.00 | ..... |
| “ “ “ | Oct. 2, 1918 | “ | 3,300.00 | ..... |
| “ “ “ | July 5, 1919 | “ | 6,250.00 | ..... |
| “ “ “ | Oct. 2, 1919 | “ | 3,300.00 | ..... |
| “ “ “ | July 5, 1920 | “ | 6,250.00 | ..... |
| “ “ “ | Oct. 2, 1920 | “ | 3,300.00 | ..... |
| “ “ “ | July 5, 1921 | “ | 6,250.00 | ..... |
| “ “ “ | Oct. 2, 1921 | “ | 3,300.00 | ..... |
| “ “ “ | July 5, 1922 | “ | 6,250.00 | ..... |
| “ “ “ | Oct. 2, 1922 | “ | 3,300.00 | ..... |

BONDS—Continued.

| LOANF | Due | How Payable | Amount | Total Outstanding |
|-------------------------------------|---------------|-------------|------------|-------------------|
| Junior High School | July 5, 1923 | Taxes | \$6,250.00 | |
| " " " | Oct. 2, 1923 | " | 3,300.00 | |
| " " " | July 5, 1924 | " | 6,250.00 | |
| " " " | Oct. 2, 1924 | " | 3,300.00 | |
| " " " | July 5, 1925 | " | 6,250.00 | |
| " " " | Oct. 2, 1925 | " | 3,300.00 | |
| " " " | July 5, 1926 | " | 6,250.00 | |
| " " " | Oct. 2, 1926 | " | 3,300.00 | |
| " " " | July 5, 1927 | " | 6,250.00 | |
| " " " | Oct. 2, 1927 | " | 3,300.00 | |
| " " " | July 5, 1928 | " | 6,250.00 | |
| " " " | Oct. 2, 1928 | " | 3,300.00 | |
| " " " | July 5, 1929 | " | 6,250.00 | |
| " " " | Oct. 2, 1929 | " | 3,300.00 | |
| " " " | July 5, 1930 | " | 6,250.00 | |
| " " " | Oct. 2, 1930 | " | 3,300.00 | |
| " " " | July 5, 1931 | " | 6,250.00 | |
| " " " | Oct. 2, 1931 | " | 3,300.00 | |
| " " " | July 5, 1932 | " | 6,250.00 | |
| " " " | Oct. 2, 1932 | " | 3,300.00 | |
| " " " | July 5, 1933 | " | 6,250.00 | |
| " " " | Oct. 2, 1933 | " | 3,300.00 | |
| " " " | July 5, 1934 | " | 6,250.00 | |
| " " " | Oct. 2, 1934 | " | 3,300.00 | |
| " " " | July 5, 1935 | " | 6,250.00 | |
| " " " | Oct. 2, 1935 | " | 3,300.00 | |
| " " " | July 5, 1936 | " | 6,250.00 | |
| " " " | Oct. 2, 1936 | " | 2,300.00 | \$190,000.00 |
| High Schoolhouse Addition (1912) | Jan. 1, 1917 | Taxes | 1,250.00 | |
| " " " | Sept. 1, 1917 | " | 1,000.00 | |
| " " " | Jan. 1, 1918 | " | 1,250.00 | |
| " " " | Sept. 1, 1918 | " | 1,000.00 | |
| " " " | Jan. 1, 1919 | " | 1,250.00 | |
| " " " | Sept. 1, 1919 | " | 1,000.00 | |
| " " " | Jan. 1, 1920 | " | 1,250.00 | |
| " " " | Sept. 1, 1920 | " | 1,000.00 | |
| " " " | Jan. 1, 1921 | " | 1,250.00 | |
| " " " | Sept. 1, 1921 | " | 1,000.00 | |
| " " " | Jan. 1, 1922 | " | 1,250.00 | |
| " " " | Sept. 1, 1922 | " | 1,000.00 | |
| " " " | Jan. 1, 1923 | " | 1,250.00 | |
| " " " | Sept. 1, 1923 | " | 1,000.00 | |
| " " " | Jan. 1, 1924 | " | 1,250.00 | |
| " " " | Sept. 1, 1924 | " | 1,000.00 | |
| " " " | Jan. 1, 1925 | " | 1,250.00 | |
| " " " | Sept. 1, 1925 | " | 1,000.00 | |
| " " " | Jan. 1, 1926 | " | 1,250.00 | |
| " " " | Sept. 1, 1926 | " | 1,000.00 | |
| " " " | Jan. 1, 1927 | " | 1,250.00 | |

Bonds—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|----------------------------------|---------------|-------------|------------|-------------------|
| High Schoolhouse Addition (1912) | Sept. 1, 1927 | Taxes | \$1,000.00 | |
| " " " " | Jan. 1, 1928 | " | 1,250.00 | |
| " " " " | Sept. 1, 1928 | " | 500.00 | |
| " " " " | Jan. 1, 1929 | " | 1,250.00 | |
| " " " " | Jan. 1, 1930 | " | 1,250.00 | |
| " " " " | Jan. 1, 1931 | " | 1,250.00 | |
| " " " " | Jan. 1, 1932 | " | 1,250.00 | |
| " " " " | Jan. 1, 1933 | " | 1,250.00 | |
| " " " " | Jan. 1, 1934 | " | 1,250.00 | \$34,000.00 |
| High School Original Equipment | July 1, 1917 | " | 1,500.00 | |
| " " " " | July 1, 1918 | " | 1,500.00 | |
| " " " " | July 1, 1919 | " | 1,500.00 | |
| " " " " | July 1, 1920 | " | 1,500.00 | |
| " " " " | July 1, 1921 | " | 1,500.00 | |
| " " " " | July 1, 1922 | " | 1,500.00 | |
| " " " " | July 1, 1923 | " | 1,500.00 | |
| " " " " | July 1, 1924 | " | 1,500.00 | |
| " " " " | July 1, 1925 | " | 1,500.00 | |
| " " " " | July 1, 1926 | " | 1,500.00 | 15,000.00 |
| Surface Drainage Loan | March 1, 1917 | Taxes | 500.00 | |
| " " " " | July 1, 1917 | " | 2,000.00 | |
| " " " " | Dec. 1, 1917 | " | 500.00 | |
| " " " " | March 1, 1918 | " | 500.00 | |
| " " " " | July 1, 1918 | " | 2,000.00 | |
| " " " " | Dec. 1, 1918 | " | 500.00 | |
| " " " " | March 1, 1919 | " | 500.00 | |
| " " " " | July 1, 1919 | " | 2,000.00 | |
| " " " " | Dec. 1, 1919 | " | 500.00 | |
| " " " " | March 1, 1920 | " | 500.00 | |
| " " " " | July 1, 1920 | " | 2,000.00 | |
| " " " " | March 1, 1921 | " | 500.00 | |
| " " " " | July 1, 1921 | " | 2,000.00 | |
| " " " " | March 1, 1922 | " | 500.00 | |
| " " " " | July 1, 1922 | " | 1,500.00 | |
| " " " " | March 1, 1923 | " | 500.00 | |
| " " " " | July 1, 1923 | " | 1,000.00 | |
| " " " " | March 1, 1924 | " | 500.00 | |
| " " " " | July 1, 1924 | " | 1,000.00 | |
| " " " " | March 1, 1925 | " | 500.00 | |
| " " " " | July 1, 1925 | " | 1,000.00 | |
| " " " " | March 1, 1926 | " | 500.00 | |
| " " " " | July 1, 1926 | " | 1,000.00 | |
| " " " " | March 1, 1927 | " | 500.00 | |
| " " " " | July 1, 1927 | " | 1,000.00 | |
| " " " " | March 1, 1928 | " | 500.00 | |

BONDS—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|--------------------------|---------------|-------------|-----------|-------------------|
| Surface Drainage Loan | March 1, 1929 | Taxes | \$ 500.00 | |
| " " " | March 1, 1930 | " " | 500.00 | |
| " " " | March 1, 1931 | " " | 500.00 | |
| " " " | March 1, 1932 | " " | 500.00 | |
| " " " | March 1, 1933 | " " | 500.00 | |
| " " " | March 1, 1934 | " " | 500.00 | |
| " " " | March 1, 1935 | " " | 500.00 | |
| " " " | March 1, 1936 | " " | 500.00 | |
| " " " | March 1, 1937 | " " | 500.00 | |
| " " " | March 1, 1938 | " " | 500.00 | \$29,000.00 |
| Drainage Loan (1912) | July 1, 1917 | Taxes | 1,000.00 | |
| " " " | July 1, 1922 | " " | 500.00 | 1,500.00 |
| Drainage Loan (1916) | Aug. 3, 1917 | Taxes | 500.00 | |
| " " " | Aug. 3, 1918 | " " | 500.00 | |
| " " " | Aug. 3, 1919 | " " | 500.00 | |
| " " " | Aug. 3, 1920 | " " | 500.00 | |
| " " " | Aug. 3, 1921 | " " | 500.00 | |
| " " " | Aug. 3, 1922 | " " | 500.00 | |
| " " " | Aug. 3, 1923 | " " | 500.00 | |
| " " " | Aug. 3, 1924 | " " | 500.00 | |
| " " " | Aug. 3, 1925 | " " | 500.00 | |
| " " " | Aug. 3, 1926 | " " | 500.00 | |
| " " " | Aug. 3, 1927 | " " | 500.00 | |
| " " " | Aug. 3, 1928 | " " | 500.00 | |
| " " " | Aug. 3, 1929 | " " | 500.00 | |
| " " " | Aug. 3, 1930 | " " | 500.00 | |
| " " " | Aug. 3, 1931 | " " | 500.00 | |
| " " " | Aug. 3, 1932 | " " | 500.00 | |
| " " " | Aug. 3, 1933 | " " | 500.00 | |
| " " " | Aug. 3, 1934 | " " | 500.00 | |
| " " " | Aug. 3, 1935 | " " | 500.00 | |
| " " " | Aug. 3, 1936 | " " | 500.00 | 10,000.00 |
| Hancock Ave. Schoolhouse | June 1, 1917 | Taxes | 3,000.00 | |
| " " " | July 1, 1917 | " " | 250.00 | |
| " " " | Sept. 1, 1917 | " " | 250.00 | |
| " " " | June 1, 1918 | " " | 3,000.00 | |
| " " " | July 1, 1918 | " " | 250.00 | |
| " " " | Sept. 1, 1918 | " " | 250.00 | |
| " " " | June 1, 1919 | " " | 3,000.00 | |
| " " " | July 1, 1919 | " " | 250.00 | |
| " " " | Sept. 1, 1919 | " " | 250.00 | |
| " " " | June 1, 1920 | " " | 3,000.00 | |
| " " " | July 1, 1920 | " " | 250.00 | |
| " " " | Sept. 1, 1920 | " " | 250.00 | |
| " " " | June 1, 1921 | " " | 3,000.00 | |
| " " " | July 1, 1921 | " " | 250.00 | |
| " " " | Sept. 1, 1921 | " " | 250.00 | |

BONDS—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|--------------------------|---------------|-------------|------------|-------------------|
| Hancock Ave. Schoolhouse | June 1, 1922 | Taxes | \$3,000.00 | |
| " " " | July 1, 1922 | " | 250.00 | |
| " " " | Sept. 1, 1922 | " | 250.00 | |
| " " " | June 1, 1923 | " | 3,000.00 | |
| " " " | July 1, 1923 | " | 250.00 | |
| " " " | Sept. 1, 1923 | " | 250.00 | |
| " " " | June 1, 1924 | " | 3,000.00 | |
| " " " | July 1, 1924 | " | 250.00 | |
| " " " | Sept. 1, 1924 | " | 250.00 | |
| " " " | June 1, 1925 | " | 3,000.00 | |
| " " " | July 1, 1925 | " | 250.00 | |
| " " " | Sept. 1, 1925 | " | 250.00 | |
| " " " | June 1, 1926 | " | 1,600.00 | |
| " " " | July 1, 1926 | " | 250.00 | |
| " " " | June 1, 1927 | " | 1,600.00 | |
| " " " | July 1, 1927 | " | 250.00 | |
| " " " | June 1, 1928 | " | 1,600.00 | |
| " " " | July 1, 1928 | " | 250.00 | |
| " " " | June 1, 1929 | " | 1,600.00 | |
| " " " | July 1, 1929 | " | 250.00 | |
| " " " | June 1, 1930 | " | 1,600.00 | |
| " " " | July 1, 1930 | " | 250.00 | |
| " " " | June 1, 1931 | " | 1,600.00 | |
| " " " | July 1, 1931 | " | 250.00 | |
| " " " | June 1, 1932 | " | 1,600.00 | |
| " " " | July 1, 1932 | " | 250.00 | |
| " " " | June 1, 1933 | " | 1,600.00 | |
| " " " | July 1, 1933 | " | 250.00 | |
| " " " | June 1, 1934 | " | 1,600.00 | |
| " " " | July 1, 1934 | " | 250.00 | |
| " " " | June 1, 1935 | " | 1,600.00 | |
| " " " | July 1, 1935 | " | 250.00 | |
| " " " | July 1, 1936 | " | 250.00 | \$50,250.00 |
| Sidewalks | Aug. 1, 1917 | Taxes | 1,000.00 | |
| " " " | Sept. 1, 1917 | " | 2,000.00 | |
| " " " | Oct. 1, 1917 | " | 400.00 | |
| " " " | Aug. 1, 1918 | " | 1,000.00 | |
| " " " | Sept. 1, 1918 | " | 2,000.00 | |
| " " " | Oct. 1, 1918 | " | 400.00 | |
| " " " | Aug. 1, 1919 | " | 1,000.00 | |
| " " " | Sept. 1, 1919 | " | 2,000.00 | |
| " " " | Oct. 1, 1919 | " | 400.00 | |
| " " " | Oct. 1, 1920 | " | 400.00 | 10,600.00 |
| Playground Equipment | Aug. 10, 1917 | Taxes | 500.00 | |
| " " " | Aug. 10, 1918 | " | 500.00 | |
| " " " | Aug. 10, 1919 | " | 500.00 | |
| " " " | Aug. 10, 1920 | " | 500.00 | |
| " " " | Aug. 10, 1921 | " | 500.00 | 2,500.00 |

BONDS—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|------------------------------|---------------|-------------|------------|-------------------|
| Police Dept. Equipment | Aug. 5, 1917 | Taxes | \$1,000.00 | |
| “ “ “ | Aug. 5, 1918 | “ | 1,000.00 | |
| “ “ “ | Aug. 5, 1919 | “ | 1,000.00 | |
| “ “ “ | Aug. 5, 1920 | “ | 500.00 | |
| “ “ “ | Aug. 5, 1921 | “ | 350.00 | \$3,850.00 |
| Extreme Emergency | Dec. 1, 1917 | Taxes | 500.00 | |
| “ “ “ | Dec. 1, 1918 | “ | 500.00 | |
| “ “ “ | Dec. 1, 1919 | “ | 500.00 | 1,500.00 |
| Osgood Schoolhouse | Mar. 15, 1917 | Taxes | 1,500.00 | |
| “ “ “ | Mar. 15, 1918 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1919 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1920 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1921 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1922 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1923 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1924 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1925 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1926 | “ | 1,500.00 | |
| “ “ “ | Mar. 15, 1927 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1928 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1929 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1930 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1931 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1932 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1933 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1934 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1935 | “ | 1,000.00 | |
| “ “ “ | Mar. 15, 1936 | “ | 1,000.00 | 25,000.00 |
| Fire Station Loan | July 1, 1917 | “ | 600.00 | |
| “ “ “ | July 1, 1918 | “ | 600.00 | |
| “ “ “ | July 1, 1919 | “ | 600.00 | |
| “ “ “ | July 1, 1920 | “ | 600.00 | |
| “ “ “ | July 1, 1921 | “ | 600.00 | |
| “ “ “ | July 1, 1922 | “ | 600.00 | |
| “ “ “ | July 1, 1923 | “ | 600.00 | |
| “ “ “ | July 1, 1924 | “ | 600.00 | |
| “ “ “ | July 1, 1925 | “ | 600.00 | |
| “ “ “ | July 1, 1926 | “ | 600.00 | |
| “ “ “ | July 1, 1927 | “ | 600.00 | |
| “ “ “ | July 1, 1928 | “ | 600.00 | |
| “ “ “ | July 1, 1929 | “ | 600.00 | |
| “ “ “ | July 1, 1930 | “ | 600.00 | |
| “ “ “ | July 1, 1931 | “ | 600.00 | |
| “ “ “ | July 1, 1932 | “ | 600.00 | 9,600.00 |
| Municipal Loan | May 1, 1917 | S. F. | 198,000.00 | |
| “ “ “ | Dec. 1, 1917 | Taxes | 5,000.00 | |

BONDS—Continued.

| LOANS | Due | How Payable | Amount | Total Outstanding |
|-------------------------------|---------------|-------------|--------------|-------------------|
| Municipal Loan | Jan. 1, 1918 | S. F. | \$100,000.00 | |
| “ “ | Dec. 1, 1918 | Taxes | 5,000.00 | |
| “ “ | Dec. 1, 1919 | “ | 5,000.00 | |
| “ “ | Dec. 1, 1920 | “ | 5,000.00 | |
| “ “ | Dec. 1, 1921 | “ | 5,000.00 | |
| “ “ | Dec. 1, 1922 | “ | 5,000.00 | |
| “ “ | Dec. 1, 1923 | “ | 5,000.00 | \$333,000.00 |
| Departmental Equipment | July 1, 1917 | Taxes | 2,700.00 | |
| “ “ | Aug. 1, 1917 | “ | 3,000.00 | |
| “ “ | Oct. 1, 1917 | “ | 800.00 | |
| “ “ | July 1, 1918 | “ | 2,700.00 | |
| “ “ | Aug. 1, 1918 | “ | 3,000.00 | |
| “ “ | Oct. 1, 1918 | “ | 700.00 | |
| “ “ | July 1, 1919 | “ | 2,700.00 | |
| “ “ | Aug. 1, 1919 | “ | 3,000.00 | |
| “ “ | Oct. 1, 1919 | “ | 700.00 | |
| “ “ | Aug. 1, 1920 | “ | 3,000.00 | |
| “ “ | Oct. 1, 1920 | “ | 700.00 | |
| “ “ | Aug. 1, 1921 | “ | 2,000.00 | 25,000.00 |
| Original Construction of Sts. | July 1, 1917 | Taxes | 1,700.00 | |
| “ “ | July 1, 1918 | “ | 1,700.00 | |
| “ “ | July 1, 1919 | “ | 1,700.00 | |
| “ “ | July 1, 1920 | “ | 1,700.00 | |
| “ “ | July 1, 1921 | “ | 1,700.00 | |
| “ “ | July 1, 1922 | “ | 1,700.00 | |
| “ “ | July 1, 1923 | “ | 1,700.00 | |
| “ “ | July 1, 1924 | “ | 1,700.00 | 13,600.00 |
| Street Construction | Sept. 1, 1917 | Taxes | 1,000.00 | |
| “ “ | Sept. 1, 1918 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1919 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1920 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1921 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1922 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1923 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1924 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1925 | “ | 1,000.00 | |
| “ “ | Sept. 1, 1926 | “ | 600.00 | 9,600.00 |
| Street Loan (1916) | Mar. 1, 1917 | Taxes | 2,900.00 | |
| “ “ | Mar. 1, 1918 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1919 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1920 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1921 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1922 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1923 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1924 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1925 | “ | 2,900.00 | |
| “ “ | Mar. 1, 1926 | “ | 2,900.00 | 29,000.00 |

BONDS—Continued.

| LOANS | Due | | How Payable | Amount | Total Outstanding |
|-------------------------------|------|---------|-------------|----------|-------------------|
| Playstead Road | July | 1, 1917 | Taxes | \$300.00 | ..... |
| “ “ | July | 1, 1918 | “ | 300.00 | \$600.00 |
| Forest Street | June | 1, 1917 | Taxes | 1,200.00 | ..... |
| “ “ | Nov. | 1, 1917 | “ | 1,400.00 | ..... |
| “ “ | June | 1, 1918 | “ | 1,200.00 | ..... |
| “ “ | Nov. | 1, 1918 | “ | 1,400.00 | ..... |
| “ “ | June | 1, 1919 | “ | 1,200.00 | ..... |
| “ “ | Nov. | 1, 1919 | “ | 1,400.00 | ..... |
| “ “ | June | 1, 1920 | “ | 1,200.00 | ..... |
| “ “ | Nov. | 1, 1920 | “ | 1,400.00 | 10,400.00 |
| Fulton Heights Schoolhouse .. | July | 1, 1917 | Taxes | 500.00 | ..... |
| “ “ “ .. | July | 1, 1918 | “ | 500.00 | ..... |
| “ “ “ .. | July | 1, 1919 | “ | 500.00 | ..... |
| “ “ “ .. | July | 1, 1920 | “ | 500.00 | 2,000.00 |

MEDFORD HISTORICAL SOCIETY.

ac. 28/14.

NOTES

All at 4 per cent. per annum Excepting Nos. 78 to 82 due in 1919, which are at 3 1-2 per cent.

| | | Due | How Payable | Amount | Total Each Year |
|---|-------|---------|-------------|------------|-----------------|
| No. 133 | Feb. | 1, 1917 | Taxes | \$1,000.00 | ..... |
| " 118 | May | 1, 1917 | " | 500.00 | ..... |
| " 3 Original Construction of Streets | May | 1, 1917 | " | 600.00 | ..... |
| High School Equipm't | June | 1, 1917 | " | 500.00 | ..... |
| " 38 | July | 1, 1917 | S. F. | 5,000.00 | ..... |
| Sidewalk | Aug. | 1, 1917 | Taxes | 7,000.00 | ..... |
| " 39A and 39B. | Aug. | 1, 1917 | S. F. | 7,500.00 | ..... |
| " 40A and 40B. | Aug. | 1, 1917 | " | 7,000.00 | ..... |
| " 41 and 41A. | Sept. | 1, 1917 | " | 10,800.00 | ..... |
| " 3 Sidewalk. | Dec. | 1, 1917 | Taxes | 500.00 | ..... |
| " 3 Wellington Road. | Dec. | 1, 1917 | " | 500.00 | \$40,900.00 |
| | | | | | |
| No. 42 | Jan. | 1, 1918 | S. F. | 12,000.00 | ..... |
| " 43 | Jan. | 1, 1918 | " | 1,939.30 | ..... |
| " 44 | Jan. | 1, 1918 | " | 1,300.00 | ..... |
| " 45 | Jan. | 1, 1918 | " | 12,000.00 | ..... |
| " 134 | Feb. | 1, 1918 | Taxes | 1,000.00 | ..... |
| " 119 | May | 1, 1918 | " | 500.00 | ..... |
| " 4 Original Construction of Streets | May | 1, 1918 | " | 600.00 | ..... |
| " 4 High School Equipm't | June | 1, 1918 | " | 500.00 | ..... |
| Sidewalk | Aug. | 1, 1918 | " | 7,000.00 | ..... |
| " 63 | Oct. | 1, 1918 | S. F. | 4,500.00 | ..... |
| " 64 | Oct. | 1, 1918 | " | 3,000.00 | ..... |
| " 65 | Dec. | 1, 1918 | " | 8,000.00 | ..... |
| " 4 Sidewalk | Dec. | 1, 1918 | Taxes | 500.00 | ..... |
| " 4 Wellington Road. | Dec. | 1, 1918 | " | 500.00 | 53,339.30 |
| | | | | | |
| No. 68 | May | 1, 1919 | S. F. | 10,000.00 | ..... |
| No. 78 to 82 | May | 1, 1919 | " | 2,500.00 | ..... |
| " 120 | May | 1, 1919 | Taxes | 500.00 | ..... |
| " 5 Original Construction of Streets | May | 1, 1919 | " | 600.00 | ..... |
| " 5 High School Equipm't | June | 1, 1919 | " | 500.00 | ..... |
| " 91 to 94 | July | 1, 1919 | S. F. | 4,000.00 | ..... |
| Sidewalk | Aug. | 1, 1919 | Taxes | 7,000.00 | ..... |
| " 95 | Sept. | 1, 1919 | S. F. | 2,200.00 | ..... |
| " 96 | Sept. | 1, 1919 | " | 2,000.00 | ..... |
| " 97 | Oct. | 1, 1919 | " | 1,000.00 | ..... |
| " 98 | Oct. | 1, 1919 | " | 3,000.00 | ..... |
| " 99 | Dec. | 1, 1919 | " | 1,500.00 | ..... |
| " 100 | Dec. | 1, 1919 | " | 5,000.00 | ..... |
| " 101 | Dec. | 1, 1919 | " | 10,000.00 | ..... |
| " 5 Sidewalk | Dec. | 1, 1919 | Taxes | 500.00 | ..... |
| " 5 Wellington Road. | Dec. | 1, 1919 | " | 500.00 | 50,800.00 |

NOTES—Continued

| | Due | How Payable | Amount | Total Each Year |
|--|---------------|-------------|-----------|-----------------|
| No. 121 | May 1, 1920 | Taxes | \$500.00 | ..... |
| “ 6 Original Construction of Streets | May 1, 1920 | “ | 600.00 | ..... |
| “ 6 High School Equipm't | June 1, 1920 | “ | 200.00 | ..... |
| “ 102 | July 1, 1920 | S. F. | 5,000.00 | ..... |
| “ 104 | July 1, 1920 | “ “ | 8,000.00 | ..... |
| Sidewalk | Aug. 1, 1920 | Taxes | 7,000.00 | ..... |
| “ 105 | Nov. 1, 1920 | S. F. | 8,000.00 | ..... |
| “ 107 | Dec. 1, 1920 | “ “ | 1,100.00 | ..... |
| “ 6 Wellington Road.... | Dec. 1, 1920 | Taxes | 500.00 | \$30,900.00 |
| No. 7 Original Construction of Streets | May 1, 1921 | Taxes | 600.00 | ..... |
| “ 109 | May 1, 1921 | S. F. | 1,200.00 | ..... |
| “ 7 High School Equipm't | June 1, 1921 | Taxes | 200.00 | ..... |
| “ 122 | May 1, 1921 | “ | 500.00 | ..... |
| Sidewalks | Aug. 1, 1921 | “ | 7,000.00 | ..... |
| “ 7 Wellington Road.... | Dec. 1, 1921 | “ | 500.00 | 10,000.00 |
| “ 8 Original Construction of Streets | May 1, 1922 | Taxes | 600.00 | ..... |
| “ 123 | May 1, 1922 | “ | 500.00 | ..... |
| “ 8 High School Equipm't | June 1, 1922 | “ | 200.00 | ..... |
| “ 124 and 125 | Sept. 1, 1922 | S. F. | 6,000.00 | ..... |
| “ 126 to 129 | Oct. 1, 1922 | “ “ | 13,800.00 | ..... |
| “ 8 Wellington Road.... | Dec. 1, 1922 | Taxes | 500.00 | 21,600.00 |
| “ 9 Original Construction of Streets | May 1, 1923 | Taxes | 600.00 | ..... |
| “ 135 | May 1, 1923 | S. F. | 10,000.00 | ..... |
| “ 9 High School Equipm't | June 1, 1923 | Taxes | 200.00 | ..... |
| “ 9 Wellington Road.... | Dec. 1, 1923 | “ | 500.00 | 11,300.00 |
| “ 10 Original Construction of Streets | May 1, 1924 | Taxes | 600.00 | ..... |
| “ 10 High School Equipm't | June 1, 1924 | “ | 200.00 | ..... |
| No. 10 Wellington Road.... | Dec. 1, 1924 | Taxes | \$500.00 | \$1,300.00 |
| “ 35 and 36..... | Dec. 1, 1926 | S. F. | ..... | 15,000.00 |
| “ 37 | Jan. 1, 1927 | S. F. | ..... | 7,000.00 |
| “ 51 to 62..... | July 1, 1928 | S. F. | ..... | 12,000.00 |
| Total notes outstanding..... | | | | \$254,139.30 |

MEDFORD HISTORICAL SOCIETY.

ac. 28/4

REPORT OF CITY AUDITOR

165

NOTES IN ANTICIPATION OF REVENUE.

| | | | | | | |
|-------|-------|----------|-----|-------|-------------|--------------|
| Dated | March | 28, 1916 | Due | Jan. | 15, 1917... | \$50,000 00 |
| " | May | 12, 1916 | " | Feb. | 15, 1917... | 50,000 00 |
| " | June | 5, 1916 | " | March | 15, 1917... | 50,000 00 |
| " | June | 5, 1916 | " | April | 13, 1917... | 50,000 00 |
| | | | | | | <hr/> |
| | | | | | | \$200,000 00 |

The Bradbury Fund amounting to \$11,252.00 is deposited in the Medford Savings Bank. All other Trust Funds and the Perpetual Care Fund are invested by the Commissioners of Sinking Funds.

CONDENSED STATEMENT OF DEBT AND SINKING FUNDS,
January 1, 1917

| | Issued Under Chap. Acts of | | | Out- standing | Sinking Funds |
|--|-------------------------------|----------------------|--------------------|-----------------------|-----------------------|
| Notes Nos. 35 & 36 issued for Water Purposes..... | | | Outside Debt Limit | \$ 15,000.00 | |
| Water Fund | 88 | 1893 | | 133,000.00 | 154,981.29 |
| Public Building Loan..... | 167 221 | 1893 1898 | " " | 115,000.00 | 115,000.00 |
| Sewerage Loan..... | 180 298 306 | 1893 1909 1913 | " " | 312,000.00 | 174,845.08 |
| Public Playground Loan..... | 225 28 | 1893 1898 | " " | 43,000.00 | 7,832.22 |
| Park Loan | 176 338 | 1898 1902 | " " | 32,000.00 | 32,000.00 |
| Met. Park Assm't | 325 | 1902 | " " | 27,000.00 | 13,318.04 |
| School Loan of 1912..... | 100 | 1912 | " " | 165,000.00 | |
| City Hall | 488 | 1913 | " " | 200,000.00 | |
| Junior High School..... | 370 | 1916 | " " | 125,000.00 | |
| Municipal Loan | | | Within Debt Limit | 333,000.00 | 206,157.15 |
| Lincoln Schoolhouse | | | " " | 45,000.00 | 30,752.65 |
| City Stable | | | " " | 15,000.00 | 9,289.10 |
| Schoolhouse Imp | | | " " | 14,000.00 | 5,641.66 |
| Schoolhouse Loan of 1908 | | | " " | 95,000.00 | 36,914.13 |
| School Loan of 1911..... | | | " " | 58,000.00 | |
| School Loan of 1912..... | | | " " | 16,000.00 | |
| High Schoolhouse Addition..... | | | " " | 34,000.00 | |
| High School Original Equip- ment | | | " " | 15,000.00 | |
| Hancock Avenue Schoolhouse | | | " " | 60,250.00 | |
| Junior High schoolhouse | | | " " | 65,000.00 | |
| Osgood Schoolhouse..... | | | " " | 25,000.00 | |
| Fulton Heights' Schoolhouse | | | " " | 2,000.00 | |
| Fire Station Loan Bonds..... | | | " " | 9,600.00 | |
| Departmental Equipment..... | | | " " | 25,000.00 | |
| Playground Equipment | | | " " | 2,500.00 | |
| Police Dept Equipment | | | " " | 3,850.00 | |
| Original Con. of Streets..... | | | " " | 13,600.00 | |
| Street Construction | | | " " | 9,600.00 | |
| Street Loan | | | " " | 29,000.00 | |
| Forest Street | | | " " | 10,400.00 | |
| Drainage Loan 1916..... | | | " " | 10,000.00 | |
| Drainage Loan 1912..... | | | " " | 1,500.00 | |
| Surface Drainage | | | " " | 29,000.00 | |
| Sidewalks and Edgestones..... | | | " " | 10,600.00 | |
| Playstead Road | | | " " | 600.00 | |
| Playground 1914..... | | | " " | 18,300.00 | |
| Extreme Emergency | | | " " | 1,500.00 | |
| All notes (except Nos. 35 and 36)..... | | | " " | 239,139.30 | 129,215.10 |
| | | | | \$2,349,439.31 | \$1,005,940.42 |

| | | |
|-------------------------|----------------|-----------------------|
| Debt outside limit | \$1,168,000.00 | |
| Sinking Fund applicable | 497,976.63 | \$670,023.37 |
| Debt within limit | \$1,181,439.30 | |
| Sinking Fund applicable | 507,969.79 | 673,469.51 |
| Net Debt | | \$1,343,492.88 |

DEBT DUE IN 1917

| | Date | Payable from sinking Funds | Payable by Taxation |
|---|-------|----------------------------|---------------------|
| Water | Jan. | \$ 2,000.00 | ..... |
| School of 1912 | " | | \$ 5,000.00 |
| High School Addition | " | | 1,250.00 |
| City Hall | " | | 10,000.00 |
| Sewerage | Feb. | | 500.00 |
| Note No. 133 | " | | 1,000.00 |
| Surface Drainage | March | | 500.00 |
| Osgood Schoolhouse | " | | 1,500.00 |
| Street | " | | 2,000.00 |
| Playground | May | | 2,500.00 |
| Municipal | " | 108,000.00 | ..... |
| Note No. 3, Original Construction of Sts. | " | | 600.00 |
| Note No. 118 | " | | 500.00 |
| Note, High School Equipment | June | | 500.00 |
| Sewerage | " | | 500.00 |
| Forest Street | " | | 1,200.00 |
| Hancock Ave. Schoolhouse | " | | 3,000.00 |
| Water | July | 3,000.00 | ..... |
| Playground | " | | 200.00 |
| School of 1912 | " | | 6,000.00 |
| High School Original Equipment | " | | 1,500.00 |
| Surface Drainage | " | | 2,000.00 |
| Drainage | " | | 1,000.00 |
| Fire Station | " | | 600.00 |
| Departmental Equipment | " | | 2,700.00 |
| Original Construction of Streets | " | | 1,700.00 |
| Playstead Road | " | | 300.00 |
| Fulton Heights Schoolhouse | " | | 500.00 |
| Hancock Ave. Schoolhouse | " | | 250.00 |
| Junior High Schoolhouse | " | | 6,250.00 |
| Note No. 38 | " | 5,000.00 | ..... |
| Note, Sidewalk | Aug. | | 7,000.00 |
| Notes No. 39A and 39B | " | 7,500.00 | ..... |
| Notes No. 40A and 40B | " | 7,000.00 | ..... |
| Sewerage | " | 20,000.00 | ..... |
| Playground | " | | 1,500.00 |
| Drainage | " | | 500.00 |
| Departmental Equipment | " | | 3,000.00 |
| Sidewalks | " | | 1,000.00 |
| Playground Equipment | " | | 500.00 |
| Police Equipment | " | | 1,000.00 |
| Street | " | | 700.00 |
| Sewerage | Sept. | | 500.00 |
| School of 1911 | " | | 4,000.00 |
| High School Addition | " | | 1,000.00 |
| Hancock Ave. Schoolhouse | " | | 250.00 |
| Sidewalks | " | | 2,000.00 |

DEBT DUE IN 1917—Continued

| | Date | Payable from sink- ing Funds | Payable by Taxation |
|--|-------|------------------------------------|---------------------------|
| Street Construction | Sept. | | \$1,000.00 |
| Notes 41 and 41A | " | 10,800.00 | |
| Sidewalks and Edgestones (if issued) .. | " | | 5,000.00 |
| Junior High School (if issued) | Oct. | | 500.00 |
| Departmental Equipment (if issued) .. | " | | 2,500.00 |
| Hancock Ave. Schoolhouse (if issued) ... | " | | 500.00 |
| Departmental Equipment | " | | 800.00 |
| Sidewalks | " | | 400.00 |
| Junior High School | " | | 3,300.00 |
| Sewerage | Nov. | | 500.00 |
| Forest Street | " | | 1,400.00 |
| Sewerage | Dec. | | 500.00 |
| Surface Drainage | " | | 500.00 |
| Municipal | " | | 5,000.00 |
| Extreme Emergency | " | | 500.00 |
| Note No. 3, Sidewalk | " | | 500.00 |
| Note No. 3, Wellington Road | " | | 500.00 |
| | | \$253,300.00 | \$100,800.00 |

INCREASE IN THE DEBT IN 1916.

By the Issuance of Bonds and Notes.

| | |
|---|--------------|
| City Hall | \$200,000 00 |
| Departmental Equipment | 14,000 00 |
| Drainage | 10,000 00 |
| Extreme Emergency | 2,000 00 |
| Hancock Avenue Schoolhouse | 5,000 00 |
| Junior High School | 190,000 00 |
| Osgood Schoolhouse | 25,000 00 |
| Playground Equipment | 2,500 00 |
| Police Equipment | 3,850 00 |
| Sewerage | 15,000 00 |
| Surface Drainage | 13,000 00 |
| Street | 29,000 00 |
| Street Construction | 9,600 00 |
| Sidewalk (Notes) | 35,000 00 |
| | <hr/> |
| | \$553,950 00 |
| Deduct amount of debt paid in 1916..... | 127,800 00 |
| | <hr/> |
| | \$426,150 00 |

Bonds amounting to \$35,800.00 have been authorized but have not been issued.

Valuation and Limit of Taxation.

Section 19, Chapter 719, Acts of 1913, provides that, whereas the Board of Aldermen of Medford having by Ordinance fixed in 1913 the tax limit at \$12.75 "on every \$1,000 of the average of the Assessors' valuation of the taxable property therein for the preceding three years, such valuation being first reduced by the amount of all abatements allowed thereon previous to the thirty-first day of December in the year preceding said assessment."

| | |
|---|--------------------------|
| The Net valuation of the City of Medford for 1914 was | \$29,695,500 |
| The Net valuation of the City of Medford for 1915 was | 31,249,125 |
| The Net valuation of the City of Medford for 1916 was | 32,702,750 |
| | <hr/> |
| | 3) \$93,647,375 |
| | <hr/> |
| Average valuation | \$31,215,791 66 12.75 |
| | <hr/> |
| | 156078955 |
| | 218510537 |
| | 62431582 |
| | 31215791 |
| | <hr/> |
| Assessed at \$12.75 per \$1,000 gives | \$398,001 33 |

This is the legal limit of taxation "exclusive of the state tax and other amounts assessed upon the city by the Commonwealth, the County tax and sums required by law to be raised on account of the city debt."

Borrowing Capacity.

Section 12, Chapter 719, Acts of 1913 limits the indebtedness to 2½ per cent. of the average valuation for the three preceding years.

| | | |
|------------------------------|----------------|--------------|
| Two and one-half per cent of | | |
| \$31,215,791.66 | | \$780,394 79 |
| Total debt of all kinds..... | \$2,349,439 30 | |
| Debts Outside Debt Limit: | | |
| City Hall, Acts | | |
| 1913, Chap. 486 | \$200,000 00 | |
| Junior High | | |
| School, Acts | | |
| 1916, Chap. 370, | 125,000 00 | |
| Water Debt, au- | | |
| thority, Gen- | | |
| eral Statutes... | 15,000 00 | |
| Water Debt, Acts | | |
| 1893, Chap. 198, | 133,000 00 | |
| Public Building | | |
| Loan, Acts 1893, | | |
| Chap. 167 and | | |
| Acts 1898, Chap. | | |
| 221 | 115,000 00 | |
| Sewerage Loan, | | |
| Acts 1893, Chap. | | |
| 180, Acts 1909, | | |
| Chap. 296, Acts | | |
| 1913, Chap. 306, | 313,000 00 | |
| Park Loan, Acts | | |
| 1898, Chap. 176 | | |
| and Acts 1902, | | |
| Chap. 338..... | 32,000 00 | |
| Met. Park Assess- | | |
| ment, Acts 1902, | | |
| Chap. 325 | 27,000 00 | |

| | | |
|---|----------------|----------------|
| Playground Loan, Acts 1893, Chap. 225 and R. L. Chap. 28 | \$43,000 00 | |
| School Loan, Acts 1912, Chap. 100, 165,000 00 | | \$1,168,000 00 |
| | | <hr/> |
| Total debt within Debt Limit | \$1,181,439 30 | |
| Deduct Sinking Funds appli- cable to debt within limit.. | 507,969 79 | |
| | | <hr/> |
| Net debt to be reckoned in determining debt limit | | \$673,469 51 |
| | | <hr/> |
| Borrowing capacity Jan. 1, 1917..... | | \$106,925 28 |
| Deduct amount authorized but not issued... | | 35,800 00 |
| | | <hr/> |
| True borrowing capacity..... | | \$71,125 28 |

PUBLIC PROPERTY.

Assessors' Valuation, April 1, 1916.

(Real Estate)

Ward 1.

| | |
|--|-------------|
| Franklin Schoolhouse | \$55,000 00 |
| 38,762 feet land, Central avenue..... | 8,900 00 |
| 58,952 feet land, Logan grove..... | 11,800 00 |
| 192,200 feet land, Central avenue..... | 19,200 00 |
| | <hr/> |
| Total of Ward 1..... | \$94,900 00 |

Ward 2.

| | |
|--|--------------|
| Brick Hose House..... | \$12,000 00 |
| 10,532 feet land, Salem street..... | 4,200 00 |
| Curtis Schoolhouse | 4,000 00 |
| Brick Schoolhouse | 30,000 00 |
| 32,986 feet land, Paris street..... | 4,950 00 |
| 9,005 feet land, Paris street..... | 1,100 00 |
| 14,120 feet land, lot 8, Dell avenue..... | 400 00 |
| 13,660 feet land, lot 9, Dell avenue..... | 400 00 |
| 19,750 feet land, lot 7, Dell avenue..... | 600 00 |
| Washington Schoolhouse | 45,000 00 |
| 56,520 feet land, Washington street, corner Cross street | 19,800 00 |
| Swan Schoolhouse | 8,000 00 |
| 25,423 feet land, Park street, corner Wash- ington street | 8,900 00 |
| 56,758 feet land, Magoun Park..... | 14,200 00 |
| 8,010 feet land, Court street..... | 650 00 |
| | <hr/> |
| Total of Ward 2..... | \$154,200 00 |

Ward 3.

| | |
|--|-------------|
| 36,040 feet land, Salem Street Cemetery..... | \$14,400 00 |
| 119,950 feet land, Public Common, Salem street | 30,000 00 |
| Band Stand | 200 00 |
| Everett Schoolhouse | 8,000 00 |
| 10,155 feet land, Salem street..... | 3,050 00 |
| 48,400 feet land, Cross street Cemetery..... | 5,800 00 |
| Pest House | 1,500 00 |
| Brick Engine House | 3,000 00 |
| Tay House | 400 00 |
| 144.66 acres, Forest street..... | 63,000 00 |
| High School Building | 450,000 00 |
| 196,814 feet land, Forest street to Hall ave- nue and Bradlee road..... | 68,900 00 |

| | |
|--|------------------------|
| 22,600 feet land, Governors avenue, cor. High, Center Schoolhouse | 4,500 00 25,000 00 |
| 30,112 ft. land, High St., to Grand View Ave. Public Library | 12,050 00 20,000 00 |
| Public Library Annex | 4,500 00 |
| 16,450 feet land, High street..... | 4,950 00 |
| 13,566 feet land, High street..... | 4,750 00 |
| Brooks Schoolhouse | 68,000 00 |
| 83,960 feet land, High street, cor. Allston street | 21,000 00 |
| City Hall | 8,000 00 |
| 4,270 feet land, High street, cor. Main street | 12,800 00 |
| 58,000 feet land, Hastings Heights, Allston street | 14,500 00 |
| Almshouse | 25,000 00 |
| Stable | 2,000 00 |
| Piggery, Tool and Tramp House..... | 1,000 00 |
| Stone Crusher and Building..... | 3,000 00 |
| 24.10 acres land, Winthrop street..... | 10,500 00 |
| Blacksmith Shop | 200 00 |
| 33.34 acres, Oak Grove Cemetery, Winthrop street | 100,000 00 |
| Dwelling, No. 230 Playstead road..... | 4,000 00 |
| Storehouse | 500 00 |
| Stable and Sheds | 600 00 |
| 3.65 acres, lot 1 Playstead road..... | 4,750 00 |
| Dwelling in rear..... | 1,200 00 |
| 3.66 acres, lot 2 in rear Playstead road..... | 3,200 00 |
| 0.97 acres Playstead road..... | 850 00 |
| 3.47 acres, lot 3 in rear Playstead road..... | 3,000 00 |
| 3.48 acres, lot 4 Playstead road..... | 3,050 00 |
| 2,883 feet land, Fountain street..... | 350 00 |
| 740 feet land, Bradlee road..... | 200 00 |
| Total of Ward 3..... | \$1,011,700 00 |

Ward 4.

| | |
|--|--------------|
| Engine, Hook and Ladder and Hose House... | \$20,000 00 |
| 10,480 feet land, Main St. cor. South St.... | 7,850 00 |
| 15,988 feet land, Brooks Park..... | 3,500 00 |
| Police Station and Garage..... | 30,000 00 |
| 9,046 feet land, Main St., cor. Swan St..... | 6,800 00 |
| Water Works Building and Shed..... | 14,500 00 |
| 14,656 feet land, Swan St., cor. James St.... | 2,200 00 |
| Highway stables and out buildings..... | 22,000 00 |
| 71,328 feet land, James street..... | 3,550 00 |
| 14,000 feet land, Mystic avenue..... | 1,000 00 |
| 14,110 feet land, Mystic avenue..... | 1,150 00 |
| 43,342 feet land, Hancock avenue..... | 4,350 00 |
| Cradock Schoolhouse | 12,000 00 |
| 26,690 feet land, Summer St., cor. Rye St.... | 5,350 00 |
| L. L. Dame Schoolhouse..... | 95,000 00 |
| 49,986 feet land, George street..... | 9,000 00 |
| Cummings Schoolhouse | 1,500 00 |
| 19,810 feet land, lot A, Cotting street, corner of Adams street | 2,400 00 |
| 159,305 feet land, Summer street, corner Rye street | 23,900 00 |
| 1,744 feet land, Douglas road..... | 250 00 |
| Hancock School | 40,000 00 |
| | <hr/> |
| Total of Ward 4..... | \$306,300 00 |

Ward 5.

| | |
|--|-------------|
| Tufts Schoolhouse | \$20,000 00 |
| 33,851 feet land, junction of Main and Med- ford streets | 10,150 00 |
| 277,915 feet land, Tufts Park..... | 27,800 00 |
| Brick Engine House | 12,000 00 |
| 7,780 feet land, lots 25 and 26 Medford street, corner Albion street..... | 1,950 00 |

| | |
|--|--------------|
| Lincoln Schoolhouse | \$ 80,000 00 |
| 42,000 feet land, Dartmouth street, between Yale and Harvard streets..... | 9,250 00 |
| 57,600 feet, Harvard street..... | 10,350 00 |
| 0.65 acres Marsh Land; Mystic avenue..... | 100 00 |
| | <hr/> |
| Total of Ward 5..... | \$171,600 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, corner of Madison street..... | 4,500 00 |
| 8.49 acres land, Brooks Playstead..... | 73,950 00 |
| Hillside Schoolhouse | 15,000 00 |
| 29,775 feet land, Boston avenue, corner Winthrop street | 10,400 00 |
| Hall Schoolhouse | 1,000 00 |
| 16,181 feet land parts lots 71 and 72 Har- vard avenue, corner Sharon street..... | 3,250 00 |
| Fire Station | 12,000 00 |
| 11,330 feet land, Harvard avenue, corner of Bower street | 4,550 00 |
| Hervey Schoolhouse | 16,000 00 |
| 25,600 feet land, lots 66 and 67 Holton street, corner Sharon street | 5,100 00 |
| 9,650 feet land, Boston avenue..... | 2,100 00 |
| 1,080 feet land, Canal street..... | 100 00 |
| | <hr/> |
| Total of Ward 6..... | \$157,500 00 |

Ward 7.

| | |
|--|-------------|
| James Schoolhouse | \$30,000 00 |
| Annex | 5,000 00 |
| 58,878 feet land, Spring street, corner Brad- shaw street | 8,850 00 |

| | |
|---|-------------|
| Engine House, Hose 4..... | \$4,500 00 |
| 8,270 feet land, lot 15 White Plan, Spring street | 1,250 00 |
| New Osgood Schoolhouse | 30,000 00 |
| 47,760 feet, Fourth street..... | 8,100 00 |
| 51,040 feet land, Hall street..... | 50 00 |
| | <hr/> |
| Total of Ward 7..... | \$87,750 00 |

Totals by Wards.

(All Parks and Cemeteries included.)

| | |
|--------------|----------------|
| Ward 1 | \$ 94,900 00 |
| Ward 2 | 154,200 00 |
| Ward 3 | 1,011,700 00 |
| Ward 4 | 306,300 00 |
| Ward 5 | 171,600 00 |
| Ward 6 | 157,500 00 |
| Ward 7 | 87,750 00 |
| | <hr/> |
| Total | \$1,983,950 00 |

Deduct the following unsalable property:

| | |
|--|-------------|
| Magoun Park (Ward 2)..... | \$14,200 00 |
| Cross St. Cemetery (Ward 3). | 5,800 00 |
| Salem St. Cemetery (Ward 3) | 14,400 00 |
| Hastings Park (Ward 3)..... | 14,500 00 |
| Oak Grove Cemetery (Ward 3) | 100,000 00 |
| Dwelling House, Playstead Road (Ward 3)..... | 4,000 00 |

| | | |
|--|-----------|----------------|
| Stable and Sheds, Playstead Road (Ward 3) | \$ 600 00 | |
| 3.65 acres land, lot 1, Play- stead Road (Ward 3).... | 4,750 00 | |
| Dwelling House, rear of Play- stead Road (Ward 3)... | 1,200 00 | |
| 3.66 acres, lot 2 in rear Play- stead Road (Ward 3).. | 3,200 00 | |
| 0.97 acres, Playstead Road (Ward 3) | 850 00 | |
| 3.47 acres, lot 3 in rear Play- stead Road (Ward 3).... | 3,000 00 | |
| 3.48 acres, lot 4, Playstead Road (Ward 3)..... | 3,050 00 | |
| Brooks Park (Ward 4)..... | 3,500 00 | |
| Triangle (Ward 6)..... | 1,550 00 | \$ 174,600 00 |
| | | <hr/> |
| | | \$1,809,350 00 |

MEDFORD HISTORICAL SOCIETY.

ac. 2814

Report of Commissioners of Sinking Funds

Hon. Benjamin F. Haines, Mayor, and Board of Aldermen,
of the City of Medford.

Gentlemen:—The Commissioners of Sinking Funds respectfully submit the following statement of their accounts for the year ending December 31, 1916:

WATER LOAN SINKING FUND.

Receipts.

| 1916. | |
|----------|--|
| Jan. 1. | Cash on hand.....\$13,036 40 |
| | Income from invest- ments 6,009 50 |
| | Income from bank de- posit 66 02 |
| May 1. | Medford bond matured. 500 00 |
| July 1. | Medford bond matured. 2,000 00 |
| Aug. 1. | Medford bond matured.. 1,000 00 |
| Feb. 10. | Sold City Stables Loan account \$1,000 Medford 4 per cent. bond, due June 1, 1924 with in- terest 1,007 77 |
| Dec. 7. | Sold City Stables Loan account \$1,000 Medford 4 per cent. bond, due June 1, 1924 with in- terest 1,000 78 |

| | | | |
|---------|---|-------------|-------------|
| Dec. 8. | Sold to City Notes Loan account \$10,800 Medford 4 per cent. note, due Aug. 1, 1917 with interest | \$10,917 60 | |
| | | <hr/> | \$35,538 07 |

Disbursements.

| | | | |
|----------|--|------------|-------------|
| Jan. 1. | Paid to City to retire maturing bonds | \$4,000 00 | |
| July 1. | Paid to City to retire maturing bonds | 6,000 00 | |
| Jan. 2. | Paid to City the income for 1915 | 6,490 89 | |
| | 7. Bought of City Notes Loan account \$1,000 Medford 4 per cent. bond, due July 1, 1917, with interest | 1,019 23 | |
| Feb. 10. | Bought of Sewerage Loan account \$1,000 Medford 4 per cent. bond, due July 1, 1923 with interest | 1,004 44 | |
| Feb. 10. | Bought of Municipal Loan account \$1,000 Medford 4 per cent. bond, due Jan. 1, 1918 with interest | 1,004 44 | |
| May 10. | Bought of Lincoln-Schoolhouse Loan account \$2,000 Winchester 4 per cent. bond, due Dec. 1, 1921 with interest | 2,037 78 | |
| | | <hr/> | \$21,556 78 |

1917.

Jan. 1. Cash deposited in Medford Trust Co..... \$13,981 29

Water Loan Fund invested as follows:

| | |
|---|-------------|
| Medford Sewer, four per cent. bonds, due Aug. 1, 1917..... | \$ 4,000 00 |
| Medford Sewer, four per cent. bonds, due Aug. 1, 1922.... | 3,000 00 |
| Medford Public Building four per cent. bonds, due March 1, 1919 | 2,000 00 |
| Medford four per cent. bonds, 500 each, due May 1, 1920-1-2.. | 1,500 00 |
| Medford four per cent. Water Bonds, due January 1, 1917.. | 1,000 00 |
| Medford four per cent. Water Bonds, due July 1, 1917..... | 4,000 00 |
| Medford four per cent. Water Bonds, due January 1, 1918.. | 2,000 00 |
| Medford four per cent. Water Bonds, due July 1, 1918..... | 2,000 00 |
| Medford four per cent. Water Bonds, due October 1, 1919.. | 24,000 00 |
| Medford four per cent. Water Bonds, due January 1, 1920... | 2,000 00 |
| Medford four per cent. Water Bonds, due July 1, 1920..... | 15,000 00 |
| Medford four per cent. Water Bonds, due July 1, 1921..... | 10,000 00 |
| Medford four per cent. Water Bonds, due December 1, 1922.. | 5,000 00 |
| Medford four per cent. notes, due October 1, 1918..... | 3,000 00 |
| Medford four per cent. notes, due October 1, 1919..... | 1,000 00 |
| Medford four per cent. Water Notes, due December 1, 1926.. | 15,000 00 |

| | | |
|---|------------|--------------|
| Medford four per cent. Water Bonds, due July 1, 1923..... | \$6,000 00 | |
| Medford City Stable four per cent. bonds, due June 1, 1924..... | 5,000 00 | |
| City of Brockton four per cent. bonds, due April 1, 1921..... | 4,000 00 | |
| City of Cambridge, three and one- half per cent. registered bonds, due May 1, 1918..... | 12,500 00 | |
| Town of Hull four per cent. note, due Oct. 20, 1920..... | 3,000 00 | |
| Boston & Providence R. R. four per cent. bond, due July, 1918.... | 5,000 00 | |
| Boston & Maine R. R. Co., three and one-half per cent. bonds, due Nov. 1, 1921..... | 4,000 00 | |
| West End St. Ry., four per cent. bond, due Feb. 1, 1917..... | 5,000 00 | |
| Town of Winchester four per cent. bond, due Dec. 1, 1921..... | 2,000 00 | \$141,000 00 |
| <hr/> | | |
| Jan. 1, 1917, total cash and securities | | \$154,981 29 |

PUBLIC BUILDING LOAN SINKING FUND.

Receipts.

| | | |
|----------|-------------------------------------|-------------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$ 1,500 00 |
| | Income from invest- ments | 4,845 00 |
| | Income from bank de- posit | 59 31 |
| Feb. 1. | Medford bonds paid.... | - 2,500 00 |
| Mar. 1. | Portland bonds paid.... | 5,000 00 |
| Sept. 1. | Quincy bonds paid.... | 1,000 00 |

| | | | |
|---------|---|------------|-------------|
| June 1. | Sold to Sewerage Loan account \$5,000 Medford four per cent. bonds, due Aug. 1, 1916 with interest | \$5,066 67 | |
| Dec. 7. | Transferred in part payment of surplus \$4,000 Medford four per cent. bonds, due Aug. 1, 1917 to City Notes account.. | 4,000 00 | |
| | | <hr/> | \$23,970 98 |

Disbursements.

| | | | |
|----------|--|-------------|-------------|
| Dec. 7. | Paid surplus to City Notes account | \$ 4,737 14 | |
| Mar. 6. | Bought \$6,000 Terre Haute four per cent. bonds, due Oct. 1, 1917 @ 100 3-8 and interest. | 6,127 17 | |
| Mar. 15. | Bought \$2,000 Terre Haute four per cent. bonds, due Oct. 1, 1917 @ 100 3-8 and interest.. | 2,043 94 | |
| Mar. 24. | Bought \$1,000 Cambridge four per cent. bonds, due Sept. 1, 1918 @ 100.24 and interest.. | 1,004 96 | |
| June 1. | Bought of Sewerage Loan account \$5,500 Saugus four per cent. bonds, due Dec. 1, 1918 with interest | 5,500 00 | |
| Oct. 10. | Bought of Municipal Loan account \$4,000 Minneapolis four per cent. bonds, due June 1, 1918 with interest..... | 4,057 77 | |
| | | <hr/> | \$23,470 98 |

Jan. 1, 1917, cash deposited in
National Shawmut Bank..... \$ 500 00

Public Building Loan Fund invested as follows:

| | |
|---|-------------|
| Medford four per cent. notes, \$500 each, due May 1917-1919..... | \$ 1,500 00 |
| City of Medford four per cent. note, due Dec. 1, 1918..... | 8,000 00 |
| City of Medford four per cent. bond, due Jan. 1, 1918..... | 1,000 00 |
| Medford four per cent. bonds, due March 1, 1919..... | 4,000 00 |
| Medford four per cent. bonds, 2—\$1,000 each, due Feb. 1, 1917-18 | 2,000 00 |
| Medford four per cent. bonds, due Jan. 1, 1918..... | 3,000 00 |
| City of Medford four per cent. bonds, due Aug. 1, 1919..... | 10,000 00 |
| Medford four per cent. note, due Aug. 1, 1917..... | 1,500 00 |
| West End St. Ry. Co. four per cent. bonds, due Feb. 1, 1917.. | 10,000 00 |
| Pittsfield four per cent. bond, due June 1, 1918..... | 10,000 00 |
| Belfast four per cent. bonds, due Aug. 15, 1918..... | 5,000 00 |
| Minneapolis four per cent. bonds, due June 1, 1918..... | 9,000 00 |
| Town of Maynard four per cent. bonds, due Jan. 1, 1919..... | 5,000 00 |
| City of Lynn four per cent. bonds, due June 1, 1918..... | 6,000 00 |
| Town of Wrentham four per cent. bonds, due Aug. 1, 1918..... | 2,000 00 |
| City of Buffalo four and one-half per cent. bonds, due Nov. 2, 1917 | 5,000 00 |

| | | |
|--|------------|--------------------|
| Boston and Providence R. R. four per cent. bonds, due July 1, 1918 | \$8,000 00 | |
| Town of Wellesley four per cent. bonds, due Sept. 1, 1918..... | 6,000 00 | |
| City of Lynn four per cent. bonds, due April 1, 1918..... | 3,000 00 | |
| City of Terre Haute four per cent. bonds, due Oct. 1, 1917.. | 8,000 00 | |
| City of Cambridge four per cent. bonds, due Sept. 1, 1918..... | 1,000 00 | |
| Town of Saugus four per cent. bonds, due Dec. 1, 1918..... | 5,500 00 | |
| | <hr/> | \$114,500 00 |
| Jan. 1, 1917, total securities and cash, | | <hr/> \$115,000 00 |

MUNICIPAL LOAN SINKING FUND.

Receipts.

| | | |
|---------|--|-------------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$ 1,423 49 |
| | Income from investment | 11,681 06 |
| | Income from bank deposit | 265 41 |
| Mar. 1. | Salem bond paid..... | 2,000 00 |
| May 1. | West End Street Railway bond paid..... | 1,000 00 |
| May 1. | Medford bonds paid.... | 2,600 00 |
| July 1. | Fitchburg R. R. Co. bonds paid | 7,000 00 |
| July 1. | Newton bonds paid..... | 4,000 00 |
| Aug. 1. | Medford bond paid..... | 1,000 00 |
| Nov. 2. | Dayton bonds paid..... | 10,000 00 |

| | | | |
|----------|--|------------|-------------|
| Feb. 10. | Sold Water Loan account \$1,000 Medford four per cent. bond, due Jan. 1, 1918 with interest | \$1,004 44 | |
| Aug. 16. | Sold to City of Beverly \$7,000 Beverly four per cent. bonds, due Feb. 1, 1917, interest and discount | 7,039 45 | |
| Oct. 10. | Sold City Notes Loan account \$3,000 Medford four per cent. note, due Aug. 1, 1917 with interest | 3,025 00 | |
| Oct. 10. | Sold Public Building Loan account \$4,000 Minneapolis four per cent. bonds, due June 1, 1918 with interest | 4,057 77 | |
| Nov. 1. | Sold Perpetual Care Fund Trust \$3,000 Medford four per cent. bonds \$600, each due May 1, 1920-24 | 3,000 00 | |
| | | <hr/> | \$59,096 62 |

Disbursements.

| | | |
|----------|---|-------------|
| Mar. 28. | Bought \$1,000 West End Street Ry. Co., four per cent. bond, due Feb. 1, 1917 at 100 and interest | \$ 1,006 33 |
| Apr. 10. | Bought \$5,000 Omaha four and one-half per cent. bonds, due March 1, 1918 @ 100.95 and interest | 5,071 88 |

| | | |
|---------------|--|-------------|
| Aug. 18. | Bought \$1,000 Medford four per cent. bond due May 1, 1917 @ 100 and interest..... | \$1,011 89 |
| Aug. 21-23 | Bought \$5,000 West End Street Railway Co. four per cent. bonds, due Feb. 1, 1917 @ 100 and interest | 5,011 77 |
| Aug. 23. | Bought \$1,000 Quincy 3 1-2 per cent. bond, due May 1, 1917 @ 99.67 and interest | 1,007 59 |
| Aug. 23. | Bought \$2,000 Minne- apolis four per cent. bonds, due Feb. 15, 1917 @ 100 and interest.... | 2,001 78 |
| Sept. 1. | Bought \$3,000 St. Paul four and one-half per cent. bonds, due May 2, 1917 @ 100.23 and in- terest | 3,056 63 |
| Oct. 5. | Bought \$15,000 Des Moines four per cent. bonds. due May 1, 1917 @ 100.25 and interest.. | 15,294 17 |
| Oct. 16. | Bought \$5,000 Minneapo- lis four per cent. bonds, due Apr 1, 1917 @ 100.18 and interest.. | 5,017 33 |
| | | <hr/> |
| | | \$33,478 77 |
| Jan. 1, 1917, | cash deposited in National Shawmut Bank..... | \$20,617 85 |

Municipal Loan Fund invested as follows:

| | |
|--|-------------|
| City of Omaha four and one-half per cent. bonds, due March 1, 1918 | \$ 5,000 00 |
| City of Quincy three and one-half per cent. bonds, due May 1, 1917 | 1,000 00 |
| City of Minneapolis four per cent. bonds, due Feb. 15, 1917..... | 2,000 00 |
| City of St. Paul four and one-half per cent. bonds, due May 2, 1917 | 3,000 00 |
| Gloucester four per cent. bond, due April 1, 1918..... | 1,000 00 |
| West End Street Railway Co., four per cent. bonds, due Feb. 1, 1917 | 14,000 00 |
| City of Taunton four per cent. bonds, due June 1, 1917..... | 15,000 00 |
| Hyde Park four per cent. bonds, due July 1, 1917..... | 4,000 00 |
| American Telephone & Telegraph Co., four per cent. bonds, due July 1, 1929 | 31,000 00 |
| City of Quincy three and one-half per cent. bonds, due April 1, 1917 | 2,000 00 |
| City of Fall River four and one-half per cent. bond, due Aug. 1, 1917 | 1,000 00 |
| Town of Wrentham, four per cent. bonds, due Aug. 1, 1917..... | 2,000 00 |
| City of Boston, three and one-half per cent. bonds, due July 1, 1917 | 4,000 00 |
| City of Chicago four and one-half per cent. bonds, due Jan. 1, 1918 | 2,000 00 |

| | |
|--|------------|
| City of Troy, N. Y., four and one-half per cent. bonds, due Feb. 1, 1918 | \$5,000 00 |
| City of Minneapolis, four per cent. bonds, due Jan. 15, 1920..... | 7,000 00 |
| Boston & Providence R. R., four per cent. bonds, due July 1, 1918 | 5,000 00 |
| Meriden four and one-fourth per cent. bonds, due July 1, 1917.. | 5,000 00 |
| West End Street Railway Co., five per cent. bonds, due Aug. 1, 1918 | 10,000 00 |
| City of Des Moines four per cent. bonds, due May 1, 1917..... | 15,000 00 |
| City of Minneapolis four per cent. bond, due Apr. 1, 1917..... | 5,000 00 |
| City of Medford four per cent. bond, due Aug. 1, 1917..... | 15,000 00 |
| Medford four per cent. bonds, due July 1, 1917..... | 2,000 00 |
| Medford four per cent. bonds, due Sept. 1, 1917 | 2,000 00 |
| City of Medford four per cent. bonds, due May 1, 1917..... | 44,000 00 |
| City of Medford four per cent. bonds, due Jan. 1, 1918..... | 33,000 00 |
| City of Medford four per cent. note, due Jan. 1, 1918..... | 1,939 30 |
| City of Medford four per cent note, due Jan. 1, 1918..... | 1,300 00 |
| City of Medford four per cent. note, due Oct. 1, 1918..... | 4,500 00 |
| City of Medford four per cent. bonds, due Aug. 1, 1919..... | 4,000 00 |
| City of Medford four per cent. bonds, due Aug. 1, 1920..... | 6,000 00 |

| | | |
|---|------------|--------------------|
| City of Medford four per cent. bonds, due May 1, 1917-1919.. | \$1,800 00 | |
| City of Chicago four per cent. bonds, due Jan. 1, 1917..... | 10,000 00 | |
| City of Minneapolis four per cent. bonds, due June 1, 1918..... | 6,000 00 | |
| City of Buffalo four and one-half per cent. bonds, due Nov. 2, 1917 | 5,000 00 | |
| | <hr/> | \$275,539 30 |
| Jan. 1, 1917, total cash and se- curities | | <hr/> \$296,157 15 |

SEWERAGE LOAN SINKING FUND.

Receipts.

| | | |
|----------|--|-------------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$ 3,111 40 |
| | Income from invest- ments | 6,905 00 |
| | Income from bank de- posit | 115 80 |
| | Appropriation from taxes | 4,100 00 |
| June 1. | Medford bond paid..... | 500 00 |
| June 1. | Medford bond paid..... | 1,200 00 |
| July 1. | Medford bond paid..... | 2,700 00 |
| Aug. 1. | Medford bond paid..... | 5,000 00 |
| Sept. 1. | Medford bond paid..... | 2,000 00 |
| Nov. 1. | Medford bond paid.... | 1,400 00 |
| July 1. | Fitchburg R. R. Co., bonds paid | 3,000 00 |

| | | | |
|---------|---|------------|-------------|
| Feb. 1. | Sold Water Loan account \$1,000 Medford 4 per cent. bond, due July 1, 1923 with interest | \$1,004 44 | |
| June 1. | Sold to Public Building account \$5,500 Saugus four per cent. bonds, due Dec. 1, 1918 with interest | 5,500 00 | |
| Dec. 5. | Sold to Park Loan account \$5,000 Medford four per cent. bonds, due July 1, 1932 with interest | 5,086 11 | \$41,622 75 |
| | | <hr/> | |

Disbursements.

| | | | |
|---------------|---|-------------|-------------|
| Aug. 1. | Paid to City to redeem bonds maturing | \$18,000 00 | |
| Jan. 25. | Bought \$3,000 Quincy four per cent. bonds, due Feb. 1, 1917 @ 100.10... | 3,001 00 | |
| May 1. | Bought of Lincoln Schoolhouse Loan account \$1,000 Medford four per cent. bonds, due Aug. 1, 1922 with interest | 1,010 00. | |
| June 1. | Bought of Public Building account \$5,000 Medford four per cent. bonds, due Aug. 1, 1916 with interest | 5,066 67 | \$27,077 67 |
| | | <hr/> | |
| Jan. 1, 1917, | cash deposited in National Shawmut Bank..... | | \$14,545 08 |

Sewerage Loan Fund invested as follows :

| | |
|--|-------------|
| City of Medford four per cent. note, due Aug. 1, 1917..... | \$ 6,000 00 |
| City of Medford four per cent. note, due Sept. 1, 1919..... | 2,200 00 |
| City of Medford four per cent. bonds, due Aug. 1, 1919..... | 6,000 00 |
| City of Medford four per cent. bond, due July 1, 1924..... | 1,000 00 |
| Medford four per cent. bonds, due July 1, 1917-18-19..... | 6,100 00 |
| Medford four per cent. bonds, due June 1, 1917-1924..... | 2,500 00 |
| Medford four per cent. bonds, due Sept. 1, 1917-18-19..... | 4,000 00 |
| Medford four per cent. bonds, due July 1, 1926..... | 29,000 00 |
| Medford four per cent. bonds, due Aug. 1, 1917..... | 1,000 00 |
| Medford four per cent. bonds, due June 1, 1917-1920..... | 4,800 00 |
| Medford four per cent. bonds, due Nov. 1, 1917-1920..... | 5,600 00 |
| City of Medford four per cent. note, due Dec. 1, 1920..... | 1,100 00 |
| Medford four per cent. note, due Sept. 1, 1922 | 3,000 00 |
| Medford four per cent. note, No. 128, due Oct. 1, 1922..... | 2,000 00 |
| Medford four per cent. bonds, due Aug. 1, 1922..... | 10,000 00 |
| Medford four per cent. bond, due Aug. 1, 1920..... | 8,000 00 |
| Chicago four and one-half per cent. bond, due Jan. 1, 1920..... | 2,000 00 |
| Marlboro four per cent. bonds, due Sept. 1, 1924 | 3,000 00 |

| | | |
|--|------------|--------------|
| Town of Mansfield four per cent. bonds, due May 1, 1918..... | \$1,000 00 | |
| City of New London four per cent. bonds, due May 1, 1925..... | 2,000 00 | |
| Boston & Albany R. R. bonds, due May 1, 1935 | 8,000 00 | |
| Town of Athol four per cent. bonds, due Aug. 1, 1919..... | 8,000 00 | |
| Town of Amesbury four per cent. bonds, due July 1, 1919.... | 10,000 00 | |
| Princeton & Northwestern Ry. Co., three and one-half per cent. bonds, guaranteed by Chicago & Northwestern, due Jan. 1, 1926 | 10,000 00 | |
| Boston & Maine Railroad three and one-half per cent. bonds, due Feb. 2, 1925..... | 5,000 00 | |
| City of Fall River three and one- half per cent. bonds, due July 1, 1924 | 6,000 00 | |
| Boston & Maine Railroad four per cent. bonds, due Sept. 1, 1926.. | 8,000 00 | |
| Boston Elevated Ry. Co. bonds, four per cent., due May, 1935. | 2,000 00 | |
| City of Quincy four per cent. bonds, due Feb. 1, 1917..... | 3,000 00 | \$160,300 00 |
| <hr/> | | |
| Jan. 1, 1917, total cash and se- curities | | \$174,845 08 |

LINCOLN SCHOOLHOUSE LOAN SINKING FUND.

Receipts.

| | | | |
|---------|--|-------------|-------------|
| 1916. | | | |
| Jan. 1. | Cash on hand..... | \$ 2,441 89 | |
| | Income from invest- ments | 1,025 00 | |
| | Income from bank ac- count | 25 83 | |
| | Appropriation from taxes | 1,500 00 | |
| May 1. | Sold Metropolitan Park Assessment Loan ac- count \$1,250 Everett four per cent. note, due Nov. 1, 1921..... | 1,250 00 | |
| | Sold Sewerage Loan account \$1,000, Medford four per cent. bond, due Aug. 1, 1922, with in- terest | 1,010 00 | |
| May 10. | Sold Water Loan ac- count \$2,000, Winches- ter four per cent. bonds, due Dec. 1, 1921 with in- terest | 2,037 78 | |
| | Sold City Notes Loan account \$2,000, Provi- dence & Springfield five per cent. bonds, due July 1, 1922 with in- terest | 2,036 10 | |
| | Sold Schoolhouse Im- provement Loan ac- count, \$1,000 Quincy four per cent. bond, due Aug. 1, 1920 with in- terest | 1,011 11 | \$12,337 71 |

Disbursements.

| | | |
|--|---|------------------------------|
| 1916. | | |
| May 1. | Bought \$5,000 Medford four per cent. bonds, due May 1, 1922 @ 100.80.. | \$5,040 00 |
| May 11. | Bought \$5,000 Medford four per cent. bonds, due May 1, 1922 @ 100.79 and interest | 5,045 06 \$10,085 06 |
| <hr/> | | |
| Jan. 1, 1917, | cash deposited in National Shawmut Bank..... | \$2,252 65 |
| Lincoln Schoolhouse Loan Fund invested as follows: | | |
| Town of Winchester | three and one half per cent. bonds, due Oct. 1, 1921..... | \$ 2,000 00 |
| City of Boston | four per cent bonds, due Jan. 1, 1921..... | 2,000 00 |
| Town of Wakefield | four per cent. bonds, due Oct. 1, 1921..... | 2,000 00 |
| Town of Athol | four per cent. bonds, due Aug. 1, 1921..... | 2,000 00 |
| City of Boston | three and one-half per cent. bonds, due June 1, 1922 | 2,000 00 |
| City of Salem | three and one-half per cent. bonds, due Sept. 1, 1922..... | 2,000 00 |
| Medford | four per cent. note, due Oct. 1, 1922..... | 6,500 00 |
| City of Medford | four per cent. bonds, due May 1, 1922..... | \$10,000 00 \$28,500 00 |
| <hr/> | | |
| Jan. 1, 1917, | total cash and se- curities | \$30,752 65 |

PUBLIC PLAYGROUND LOAN SINKING FUND.**Receipts.**

| | | |
|---------------|---|----------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$331 64 |
| | Income from invest- ments | 288 00 |
| | Income from bank ac- count | 12 58 |
| | | <hr/> |
| Jan. 1, 1917, | cash deposited in National Shawmut Bank..... | \$632 22 |

Public Playground Loan Funds invested as follows :

| | | |
|--|-------------|------------|
| City of Newburyport three and one-half per cent. bond, due June 1, 1932..... | \$ 1,000 00 | |
| West End Street Railway Co., four per cent. bonds, due Aug. 1, 1932 | 2,000 00 | |
| City of Medford four per cent. bond, due July 1, 1932..... | 1,000 00 | |
| West End Street Railway Co., four and one-half per cent. bond, due July 1, 1930..... | 1,000 00 | |
| City of Medford four per cent. bond, due July 1, 1932..... | 1,000 00 | |
| Medford four per cent. bonds, \$600 each, due July, 1931-32. | 1,200 00 | \$7,200 00 |
| | <hr/> | <hr/> |
| Jan. 1. 1917, total cash and se- curities | | \$7,832 22 |

| | | |
|---|----------|-------------|
| Boston and Maine R. R. three and one-half per cent. bonds, due Feb. 2, 1925 | 4,000 00 | |
| | <hr/> | \$36,000 00 |
| Jan. 1, 1917, total cash and securities | | \$36,914 13 |

CITY NOTES LOAN SINKING FUND.

Receipts.

| | | |
|----------|--|-----------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$ 582 89 |
| | Income from securities.. | 5,859 50 |
| | Income from bank account | 53 70 |
| | Appropriation from taxes | 7,500 00 |
| Feb. 8. | Sold Perpetual Care Fund Trust \$1,200 Medford four per cent. bonds \$600 each, due July 1, 1929-30, with interest | 1,205 00 |
| Dec. 7. | Sold Water Loan account \$1,000 Medford four per cent. bond, due July 1, 1917 with interest..... | 1,019 23 |
| May 1. | Medford note matured.. | 5,000 00 |
| July 1. | Medford bond matured.. | 600 00 |
| Aug. 1. | Medford note matured.. | 16,000 00 |
| Sept. 1. | Medford note matured.. | 2,400 00 |
| Jan. 1. | Medford note matured.. | 5,000 00 |
| Jan. 1. | Medford note matured.. | 2,500 00 |
| Dec. 1. | Medford note matured.. | 11,000 00 |

| | | | |
|---------|---|------------|-------------|
| Dec. 7. | Surplus from Public Buildings account | \$4,737 14 | |
| Dec. 7. | Surplus from Park account | 1,136 34 | \$64,593 80 |

Disbursements.

1916.

| | | | |
|----------|---|-------------|--|
| Jan. 1. | Paid to City to redeem Notes Nos. 27, 28 | \$ 7,500 00 | |
| May 1. | Paid to City to redeem Notes Nos. 29, 108 | 7,000 00 | |
| Aug. 1. | Paid to City to redeem Notes Nos. 30, 31 | 16,000 00 | |
| Sept. 1. | Paid to City to redeem Note No. 32 | 2,400 00 | |
| Dec. 1. | Paid to City to redeem Note No. 34 | 11,000 00 | |
| May 10. | Bought of Lincoln Schoolhouse Loan account \$2,000, Providence & Springfield five per cent. bonds, due July 1, 1922 with interest | 2,036 10 | |
| Oct. 10. | Bought of Municipal account \$3,000, Medford four per cent. note due Aug. 1, 1917 with interest | 3,025 00 | |
| Dec. 8. | Bought of Water Loan account \$10,800, Medford four per cent. note, due Aug. 1, 1917 with interest | 10,917 60 | |

| | | |
|--|------------|-------------|
| Dec. 8. Transfer from Public Building account as part payment of surplus, \$4,000 Medford four per cent. note due Aug. 1, 1917 | \$4,000 00 | \$63,878 70 |
| | | <hr/> |
| Jan. 1, 1917, cash deposited in Medford Trust Co..... | | \$715 10 |

City Notes Loan Fund is invested as follows:

Medford four per cent notes:

| | |
|--|-------------|
| Due Aug. 1, 1917..... | \$ 3,000 00 |
| Due Aug. 1, 1917..... | 10,800 00 |
| Due Aug. 1, 1917..... | 4,000 00 |
| Due July 1, 1917..... | 5,000 00 |
| Due Jan. 1, 1918..... | 24,000 00 |
| Due Sept. 1, 1919..... | 2,000 00 |
| Due Dec. 1, 1919..... | 16,500 00 |
| Due Oct. 1, 1919..... | 3,000 00 |
| Due July 1, 1920..... | 13,000 00 |
| Due Nov. 1, 1920..... | 8,000 00 |
| Due May 1, 1921..... | 1,200 00 |
| Due Sept. 1, 1922..... | 3,000 00 |
| Due Oct. 1, 1922..... | 1,800 00 |
| Due Oct. 1, 1922..... | 3,500 00 |
| Due Jan. 1, 1927..... | 7,000 00 |
| Medford four per cent. bonds, due July 1, 1917-28..... | 7,200 00 |
| Medford four per cent. bonds, due July 1, 1922 | 500 00 |
| Medford four per cent. bonds, due March 1, 1919..... | 3,000 00 |
| Medford four per cent. bonds, due Oct. 1, 1924..... | 2,000 00 |
| Adams four per cent. bonds, due Oct. 1, 1919..... | 5,000 00 |

| | | |
|--|------------|--------------|
| Boston & Maine R. R. Co. four and one-half per cent. bonds, due April 1, 1929..... | \$3,000 00 | |
| Providence & Springfield five per cent. bonds, due July 1, 1922.. | 2,000 00 | \$128,500 00 |
| | | <hr/> |
| Jan. 1, 1917, total cash and securities | | \$129,215 10 |

PARK LOAN SINKING FUND.

Receipts.

| | | |
|---------|--|------------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$ 0 00 |
| | Income from investments | 1,206 69 |
| | Income from bank account | 15 76 |
| Nov. 1. | Sold to Schoolhouse Loan 1908 account \$5,000 Fitchburg R. R. Co. four per cent. bonds, due May 1, 1925..... | 5,000 00 |
| | | \$6,222 45 |
| | | <hr/> |

Disbursements.

| | | |
|---------|---|------------|
| Dec. 5. | Bought of Sewerage Loan account \$5,000, Medford four per cent. bonds, due July 1, 1932 with interest | \$5,086 11 |
| Dec. 7. | Transferred income to City Notes Loan account | 1,136 34 |
| | | \$6,222 45 |
| | | <hr/> |

Park Loan Fund invested as follows:

| | |
|--|-------------|
| City of Fall River three and one-half per cent. bond, due Nov. 1, 1929 | \$ 1,000 00 |
| Town of Winchester three and one-half per cent. bond, due Oct. 1, 1929 | 4,000 00 |
| Commonwealth of Massachusetts three and one-half per cent. registered bond, due Jan. 1, 1930 | 2,000 00 |
| Medford four per cent. Park bond, due July 1, 1932..... | 10,000 00 |
| City of Salem four per cent. registered bond, due Feb. 1, 1929.. | 2,500 00 |
| City of Salem four per cent. registered bond, due Feb. 1, 1930.. | 2,500 00 |
| Fitchburg Railroad Company, four per cent. bonds, due May 1, 1925 | 1,000 00 |
| City of Newburyport, three and one-half per cent. bonds, due June 1, 1932 | 1,000 00 |
| West End Street Railway Co., four per cent. bonds, due Aug. 1, 1932 | 2,000 00 |
| Boston & Maine R. R., four and one-half per cent. bonds, due April 1, 1929 | 2,000 00 |
| Old Colony R. R. three and one-half per cent. bond, due July 1, 1932 | 1,000 00 |
| West End Street Railway, four and one-half per cent. bond, due July 1, 1930 | 1,000 00 |
| City of Medford four per cent. bond, due Oct. 1, 1924..... | 1,000 00 |

City of Medford four per cent.
bond, due May 1, 1917..... \$1,000 00

Jan. 1, 1917, total securities..... \$32,000 00

**METROPOLITAN PARK ASSESSMENT LOAN SINKING
FUND.**

Receipts.

1916.
Jan. 1. Cash on hand..... \$1,685 51
Income from invest-
ments 432 50
Income from bank ac-
count 20 03
Appropriation from
taxes 180 00 \$2,318 04

Disbursements.

1916.
May 1. Bought of Lincoln
Schoolhouse Loan ac-
count \$1,250 Everett four
per cent. bond, due Nov.
1, 1921 \$1,250 00

Jan. 1, 1917, cash deposited in Med-
ford Trust Co..... \$1,068 04

Metropolitan Park Assessment Loan Fund invested as follows:

| | | |
|--|-------------|-------------|
| Fitchburg R. R. Co., four and one-half per cent. bond, due Jan. 1, 1933 | \$ 1,000 00 | |
| Old Colony Railroad three and one-half per cent. bonds, due July 1, 1932 | 3,000 00 | |
| Town of Athol four per cent. bond, due Aug. 1, 1932 | 1,000 00 | |
| City of Salem four per cent. bond, due Feb. 1, 1932..... | 1,500 00 | |
| West End Street Railway Co., four per cent. bond, due August, 1932 | 2,000 00 | |
| Boston & Maine Railroad four per cent bond, due Sept. 1, 1926.. | 1,000 00 | |
| Baltimore & Ohio R. R. three and one-half per cent. bond, due July 1, 1925 | 500 00 | |
| City of Boston four per cent. bond, due Jan. 1, 1921..... | 1,000 00 | |
| City of Everett four per cent. bond, due Nov. 1, 1921..... | 1,250 00 | \$12,250 00 |
| <hr/> | | |
| Jan. 1, 1917, total cash and securities | | \$13,318 04 |

SCHOOLHOUSE IMPROVEMENT LOAN SINKING FUND.

Receipts.

| | | |
|-------------------------------|-----------|--|
| 1916. | | |
| Jan. 1. Cash on hand..... | \$ 979 46 | |
| Income from investments | 165 00 | |

| | | |
|----------------------|---------|------------|
| Income from bank de- | | |
| posit | \$ 8 31 | |
| Appropriation from | | |
| taxes | 500 00 | \$1,652 77 |

Disbursements.

| | | |
|---------------------------|--|------------|
| May 10. Bought of Lincoln | | |
| Schoolhouse Loan ac- | | |
| count \$1,000 Quincy four | | |
| per cent. bond, due Aug. | | |
| 1, 1920 with interest.... | | \$1,011 11 |

| | | |
|--------------------------------------|--|----------|
| Jan. 1, 1917, cash deposited in Med- | | |
| ford Trust Co..... | | \$641 66 |

Schoolhouse Improvement Loan Fund invested as follows:

| | | |
|-----------------------------------|------------|------------|
| Boston & Maine R. R. four per | | |
| cent. bond, due Sept. 1, 1926.. | \$1,000 00 | |
| City of Medford four per cent. | | |
| bond, due July 1, 1926..... | 1,000 00 | |
| Fitchburg R. R. Co. four and one- | | |
| half per cent. bond, due Jan. | | |
| 1, 1933 | 1,000 00 | |
| City of Boston four per cent. | | |
| bond, due Jan. 1, 1921..... | 1,000 00 | |
| City of Quincy four per cent. | | |
| bond, due Aug. 1, 1920..... | 1,000 00 | \$5,000 00 |

| | | |
|----------------------------------|--|------------|
| Jan. 1, 1917, total cash and se- | | |
| curities | | \$5,641 66 |

CITY STABLES LOAN SINKING FUND.

Receipts.

1916.

| | | | |
|---------|-------------------------------------|-------------|------------|
| Jan. 1. | Cash on hand..... | \$ 1,642 45 | |
| | Income from invest- ments | 320 00 | |
| | Income from bank de- posit | 15 20 | |
| | Appropriation from taxes | 320 00 | \$2,297 65 |
| | | <hr/> | |

Disbursements.

1916.

| | | | |
|---------------|--|------------|------------|
| Feb. 10. | Bought of Water Loan account \$1,000 Medford four per cent. bond, due June 1, 1924 with in- terest | \$1,007 77 | |
| Dec. 7. | Bought of Water Loan account \$1,000 Medford four per cent. bond, due June 1, 1924 with in- terest | 1,000 78 | \$2,008 55 |
| | | <hr/> | |
| Jan. 1, 1917, | cash deposited in Med- ford Trust Co..... | | \$289 10 |

City Stables Loan Fund invested as follows:

| | |
|--|------------|
| Town of Belmont four per cent. bond, due Nov. 1, 1924..... | \$1,000 00 |
| City of Salem four per cent. bond, due March 1, 1923..... | 1,000 00 |
| Town of Great Barrington four per cent. bond, due Jan. 1, 1923 | 1,000 00 |

| | | |
|--|------------|------------|
| City of Malden four per cent. bond, due May 1, 1924 | \$1,000 00 | |
| Winchester four per cent. bond, due Dec. 1, 1921..... | 1,000 00 | |
| Medford City Stable four per cent. bonds, due June 1, 1924..... | 4,000 00 | \$9,000 00 |
| <hr/> | | |
| Jan. 1, 1917, total cash and se- curities | | \$9,289 10 |

PERPETUAL CARE FUND.

Receipts. -

| | | |
|---------|---------------------------------------|------------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$2,741 20 |
| | Income | 1,594 00 |
| | Received from City..... | 2,637 84 |
| | Received from bank de- posit | 21 46 |
| Oct. 1. | Dedham bonds paid.... | 2,000 00 |
| <hr/> | | \$8,994 50 |

Disbursements.

| | | |
|----------|---|------------|
| Jan. 12. | Paid income for 1915 to City | \$1,552 74 |
| Feb. 8. | Bought of City Notes Loan account \$1,200 Medford four per cent. bonds \$600 each, due Feb. 1, 1929-30 with in- terest | 1,205 00 |
| Nov. 1. | Bought of Municipal Loan account \$3,000 Medford four per cent. bonds \$600 each, due May 1, 1920-1924..... | 3,000 00 |
| <hr/> | | \$5,757 74 |

| | |
|---|------------|
| Jan. 1, 1917, cash deposited in Medford Trust Co..... | \$3,236 76 |
|---|------------|

The Perpetual Care Fund is invested as follows:

| | |
|--|------------|
| Washington County, Me., Railway Company three and one-half per cent. bonds, due Jan. 1, 1954 | \$5,000 00 |
| City of Boston four per cent. bonds, due July 1, 1937 | 2,000 00 |
| Boston Elevated Railway four per cent. bond, due May 1, 1935.. | 1,000 00 |
| New York, New Haven & Hartford R. R. four per cent. bond, due July 1, 1955..... | 1,000 00 |
| Chicago, Burlington & Quincy R. R. four per cent. bond, due March 1, 1958..... | 1,000 00 |
| City of Medford four per cent. bonds, due May 1, 1939..... | 5,000 00 |
| City of Medford four per cent. bonds \$600 each, due Feb. 1, 1929-30 | \$1,200 00 |
| City of Medford four per cent. bonds \$600 each, due May 1, 1920-24 | 3,000 00 |
| Fitchburg R. R. Co. four and one-half per cent. bonds, due Jan. 1, 1933 | \$4,000 00 |
| City of Lynn four per cent. bonds, due April 1, 1918 | 1,000 00 |
| Old Colony R. R. four per cent. bond, due Jan. 1, 1938..... | 1,000 00 |
| New York, New Haven & Hartford R. R. four per cent. bond, due March 1, 1947..... | 2,000 00 |

| | | |
|--|------------|-------------------|
| Boston and Northern St. Ry. four per cent. bonds, due July 1, 1954 | \$4,000 00 | |
| Chicago, Burlington & Quincy R. R. Ill. Div. three and one-half per cent. bond, due July 1, 1949 | 6,000 00 | |
| Illinois Central R. R. Western Line, four per cent. bonds, due Aug. 1, 1951 | 3,000 00 | |
| Newark four and one-half per cent. bond, due Feb. 1, 1944..... | 1,000 00 | |
| Boston & Albany R. R. Co. five cent. bond, due July 1, 1938.. | 1,000 00 | |
| | <hr/> | \$42,200 00 |
| Jan. 1, 1917, total cash and securities | | <hr/> \$45,436 76 |

TRUST FUNDS.

Receipts.

| | | |
|---------|--------------------------------|------------------|
| 1916. | | |
| Jan. 1. | Cash on hand..... | \$556 74 |
| | Income from securities.. | 702 50 |
| | Income from bank deposit | 12 62 |
| | | <hr/> \$1,271 86 |

Disbursements.

| | | |
|------------------------------------|---|------------|
| Nov. | Paid to City..... | \$715 12 |
| | | <hr/> |
| Jan. 1, 1917, | cash deposited in Medford Trust Co..... | \$556 74 |
| | The Trust Funds are invested as follows: | |
| Chicago, Burlington & Quincy, Ill. | Div. three and one-half per cent. bonds, due July 1, 1949.. | \$3,000 00 |

| | | |
|--|-----------|-------------|
| New York, New Haven & Hartford | | |
| R. R. three and one-half per cent. bond, due April 1, 1915. | \$ 500 00 | |
| Boston & Albany R. R. Co. five per cent. bond, due Oct. 1, 1963 | | |
| | 1,000 00 | |
| Boston & Northern St. Ry. Co. four per cent. bond, due July 1, 1954 | | |
| | 1,000 00 | |
| Boston Elevated St. Ry. Co. four and one-half per cent. bond, due Nov. 1, 1941 | | |
| | 2,000 00 | |
| Boston Elevated St. Ry. Co. five per cent. bond, due Dec. 1, 1942 | | |
| | 8,000 00 | \$15,500 00 |
| <hr/> | | |
| Jan. 1, 1917, total cash and securities | | \$16,056 74 |

RECAPITULATION.

Sinking Funds.

1916.

| | | |
|-------------------------------------|----------------|----------------|
| Jan. 1. Funds on hand..... | \$1,027,314 80 | |
| Received from City.. | 17,100 00 | |
| Income | 40,618 96 | |
| | | <hr/> |
| | | \$1,085,033 76 |
| Paid Water Loan income | | |
| | \$ 6,490 89 | |
| Paid to redeem bonds maturing | | |
| | 71,900 00 | |

| | | |
|------------------------------------|----------|--------------|
| Paid premium and interest | \$696 45 | |
| | <hr/> | \$ 79,087 34 |

1917.

| | | |
|------------------------------|--|----------------|
| Jan. 1. Amount of funds..... | | \$1,005,946 42 |
|------------------------------|--|----------------|

Trust Funds.

1916.

| | | |
|----------------------------|-------------|-------------|
| Jan. 1. Funds on hand..... | \$16,056 74 | |
| Income | 715 12 | |
| | <hr/> | \$16,771 86 |
| Paid to City..... | | \$715 12 |

1917.

| | | |
|------------------------------|--|-------------|
| Jan. 1. Amount of funds..... | | \$16,056 74 |
|------------------------------|--|-------------|

Perpetual Care Fund.

1916.

| | | |
|----------------------------|-------------|-------------|
| Jan. 1. Funds on hand..... | \$42,741 20 | |
| Income | 1,615 46 | |
| Received from City.. | 2,637 84 | |
| | <hr/> | \$46,994 50 |
| Paid to City..... | \$1,552 74 | |
| Paid interest | 5 00 | |
| | <hr/> | \$1,557 74 |

1917.

| | | |
|------------------------------|--|-------------|
| Jan. 1. Amount of funds..... | | \$45,436 76 |
|------------------------------|--|-------------|

In compliance with the provisions of Section 12 of Chapter 27 of the Revised Laws and Section 8 of Chapter

6 of the City Ordinances, the Commissioners find the amounts to be raised the coming year for the Sinking Funds are as follows:

| | |
|-------------------------------|-------------|
| Sewerage | \$ 3,820 00 |
| Metropolitan Park | 180 00 |
| Lincoln School | 1,500 00 |
| City Stables | 320 00 |
| Schoolhouse Improvement | 500 00 |
| Schoolhouse of 1908 | 3,000 00 |
| City Notes | 5,600 00 |
| | <hr/> |
| Total | \$14,920 00 |

And the Commissioners have certified to the City Auditor that this amount of \$14,920.00 is required to be raised by taxation for the Sinking Funds, and is to be put into the yearly appropriation for the ensuing year.

Respectfully submitted,

LEWIS H. LOVERING,
 WILLIAM CUSHING WAIT,
 EVERARD I. LANGELL,
 WILLARD DALRYMPLE,
 CHARLES H. BARNES,
 WALTER F. CUSHING.

MEDFORD HISTORICAL SOCIETY.

ac, 2814.

Report of the Overseers of Poor

Medford, Mass., January 1, 1917.

Hon. Benjamin F. Haines,
Mayor City of Medford.

Sir: The Overseers of the Poor herewith respectfully submit their annual report for the year 1916.

City Home.

| | |
|--|---------|
| Number of inmates January 1, 1916..... | 14 |
| Admitted during 1916..... | 13 |
| Discharged during 1916..... | 8 |
| Died during 1916..... | 3 |
| Inmates Jan. 1, 1917..... | 16 |
| | — — |
| | 27 27 |
| Average number for the year..... | 14 |
| Cost per week..... | \$80 57 |
| Cost per week per capita..... | 5 76 |

Outside Relief.

Aid has been rendered for:

| | |
|---|------------|
| 212 persons settled in Medford and aided in their homes | \$5,997 76 |
| 79 persons living in Medford and settled elsewhere | 1,375 78 |
| 51 persons living in Medford unsettled..... | 681 77 |
| 92 persons settled in Medford and living elsewhere | 1,804 73 |

| | |
|---|-------------|
| 9 in Boston City Hospital | \$ 366 00 |
| 9 in private families..... | 727 81 |
| 9 in care State Minor Wards..... | 646 24 |
| 2 in Massachusetts Homoeopathic Hospital..... | 177 25 |
| 2 in Boston City Infirmary..... | 105 53 |
| 5 in State Infirmary..... | 124 50 |
| 5 in Somerville Hospital..... | 147 86 |
| 4 in Malden Hospital..... | 84 00 |
| 1 in Worcester Hospital | 56 43 |
| 1 in Medford Hospital | 45 00 |
| 1 in Massachusetts General Hospital..... | 37 15 |
| 1 in Massachusetts Babies' Hospital..... | 92 15 |
| 1 in Carney Hospital..... | 20 72 |
| 4 Burials | 60 00 |
| Incidentals | 162 06 |
| | <hr/> |
| | \$12,712 74 |

The number of persons given outside relief with the total cost per year from and including 1905 (when the State took over the care of the insane) to 1916 inclusive was:

| | |
|--------------------------------------|-------------|
| 1905, 326 persons at a cost of | \$ 3,646 66 |
| 1906, 285 persons at a cost of | 4,021 12 |
| 1907, 250 persons at a cost of | 4,483 30 |
| 1908, 345 persons at a cost of | 4,698 95 |
| 1909, 319 persons at a cost of | 5,034 95 |
| 1910, 291 persons at a cost of | 5,995 52 |
| 1911, 272 persons at a cost of | 6,478 77 |
| 1912, 261 persons at a cost of | 6,255 84 |
| 1913, 259 persons at a cost of | 6,248 03 |
| 1914, 405 persons at a cost of | 10,764 80 |
| 1915, 526 persons at a cost of | 13,139 41 |
| 1916, 488 persons at a cost of | 12,712 74 |
| Net cost of City Home..... | 4,189 55 |
| Net cost of Outside Relief..... | 8,874 31 |

The recommendations of the Overseers of the Poor for the year 1917 are as follows:

The net cost of Outside Relief for 1916 was \$8,874.31, fifty per cent. of which is for the support of mothers with dependent children and is bound to increase from year to year. We therefore feel that \$9,500 is a very fair estimate for this branch of our department for 1917.

The net cost of the City Home for 1916 was \$4,189.55 and as all food stuffs and commodities have materially increased in price, we feel that \$4,500 will be required.

There is need of a poultry house and general repairs which require at least \$500.

Summary:

| | |
|--|------------|
| City Home | \$4,500 00 |
| And all money received for board of inmates and sale of products of the farm. | |
| City Home Repair..... | 500 00 |
| Outside Relief | 9,500 00 |
| And all money received from the State and Cities and Towns for aid rendered. | |
| Salaries of Overseers and Secretary..... | 950 00 |

Respectfully submitted,

GEORGE SMARDON,
JOHN W. ROCKWELL,
Overseers of the Poor.

Report of the Inspector of Buildings

Medford, Mass., Jan. 15, 1917.

To His Honor, Benjamin F. Haines,
Mayor of Medford.

Dear Sir:

As required by the City Charter, I submit the annual report for the past year.

The whole number of applications for building permits has been six hundred and fifty-six (656). The estimated cost of this work was two million, one hundred ten thousand, five hundred thirty dollars (\$2,110,530). As the work has progressed, it has been carefully inspected and a fair and reasonable compliance with the building ordinances has been required in every case.

Of the permits issued

274 permits were for two-family dwellings.

171 permits were for one-family dwellings.

108 permits were for garages.

16 permits were for stores.

5 permits were for repairs after fires.

2 permits were for schoolhouses,

and the remainder (80) were permits for additions and general repairs.

Permits by Wards.

| | | |
|--------------|-----|----------|
| Ward 1 | 63 | permits. |
| Ward 2 | 70 | " |
| Ward 3 | 122 | " |
| Ward 4 | 70 | " |
| Ward 5 | 152 | " |
| Ward 6 | 118 | " |
| Ward 7 | 61 | " |
| <hr/> | | |
| Total | 656 | permits. |

| Permits by Months. | No. Permits. | Cost. |
|-----------------------|--------------|----------------|
| January | 10 | \$ 20,500 00 |
| February | 23 | 112,800 00 |
| March | 53 | 165,640 00 |
| April | 104 | 328,250 00 |
| May | 62 | 168,415 00 |
| June | 59 | 179,080 00 |
| July | 50 | 134,075 00 |
| August | 65 | 152,455 00 |
| September | 70 | 191,405 00 |
| October | 82 | 208,100 00 |
| November | 41 | 315,810 00 |
| December | 39 | 134,000 00 |
| | <hr/> | <hr/> |
| | 656 | \$2,110,530 00 |

Recommendations.

It will be necessary, the coming year, to have some new ordinances printed, and as there are several different kinds of material in the market now used for the construction of buildings which are not defined in the ordinances as they are now, I would recommend that there be ordinances passed

for the construction of buildings of Hollow Tile and other such materials. There should also be some ordinances for the construction of Garages. Also there are several changes needed in the Building Ordinances as written to bring them up to date.

I would recommend that there be four hundred dollars (\$400) appropriated for general expense for this department for the coming year, and one hundred dollars (\$100) for printing new ordinances, as there are none on hand at present.

Yours very truly,

FRANK B. BLODGETT,

Building Inspector.

MEDFORD HISTORICAL SOCIETY.

ac. 28/4.

Report of the Superintendent of Wires and Gas Fitting

Medford, Mass., January 1, 1917.

Hon. Benjamin F. Haines,
Mayor of the City of Medford.

Dear Sir:—

I have the honor of submitting to you the ninth annual report of the Department of Wires and Gas Fitting, Fire and Police Signals and Street Lights for the year ending December 31, 1916.

Police Signal System.

This year the working apparatus at the Police Station has had a thorough overhauling at the Gamewell Fire and Police Signal Co. factory and is in very good working order, also the underground rubber-covered wire has been replaced by lead sheath wires.

Fire Alarm Signal System.

The working apparatus of the Fire Alarm system which has been doing duty for a great number of years is in a poor and worn out condition, especially the repeater. This apparatus should be replaced with approved and up to date equipment.

Street Lighting.

During the year there have been added 56, 40 C. P.,

lamps at \$15.00 per year; 7, 200 C. P. lamps at \$60.00 per year. At present there are 202½, 200 C. P. lamps, burning from dusk until daylight at \$60.00 per year; 794, 40 C. P. lamps, burning from dusk until midnight at \$15.00 per year; 17, 200 C. P. lamps, burning from dusk until midnight at \$43.80 per year.

Gas Piping and Fixtures.

Number of permits issued for meters..... 288
 Number of tests and inspections..... 760

Interior Wiring of Buildings.

Number of permits issued for meters..... —
 Number of wiring notices received..... 1372
 Number of defects noted..... 256

Recommendations.

| | |
|--|-------------|
| For Street Lighting | \$25,500 00 |
| Salary Supt. of Wires and Gas Fitting..... | 1,500 00 |
| Electrical Dept. Expenses..... | 350 00 |
| Fire and Police Signal..... | 350 00 |
| Work on Underground Wires..... | 2,500 00 |
| Wages of Lineman..... | 939 00 |

Expenses of This Department.

| | Appropriated | Expended | Balance |
|-----------------------------|--------------|--------------|---------|
| Salary of Supt..... | \$ 1,400 00 | \$ 1,400 00. | |
| Electrical Department | 350 00 | 242 10 | \$ 7 90 |
| Fire and Police Signal..... | 300 00 | 294 22 | 5 78 |
| Street Lighting | 24,500 00 | 24,414 50 | 85 50 |
| Special Appropriation | 2,500 00 | 2,380 94 | 119 06 |

Respectfully submitted,

HENRY A. GAFFNEY,
 Supt. of Wires and Gas Fitting.

Report of the City Messenger

Medford, Mass., January 10, 1917.

Hon. Benjamin F. Haines, Mayor,
and Board of Aldermen of the City of Medford.

Dear Sirs:—

I herewith respectfully submit the annual report of this department for the year ending Dec. 31, 1916.

The following property is in charge of the City Messenger: Four national flags, two large and two small, Medford Town and City reports, documents of the old Town of Medford, copies of the Acts and Resolves of the Legislature of Massachusetts.

Appropriation.

| | |
|---|------------|
| The money appropriated for carrying out the work in this department during the past year was..... | \$2,535 00 |
| Amount expended | 2,498 11 |
| | <hr/> |
| Amount unexpended | \$ 36 89 |

Very respectfully submitted,

EDWIN D. CURRAN,

City Messenger.

Report of the City Clerk

Medford, January 8, 1917.

To the Honorable, the Mayor,
and the Board of Aldermen:

Gentlemen:—

The following is respectfully submitted as the annual report of the City Clerk's Department for the year ending Dec. 31, 1916:

The office was occupied by Mr. Charles H. Loomis from January 10th to Dec. 29th, 1916, and the following data is as I find it from the records now on file and is to the best of my knowledge and belief true.

The Board of Aldermen held 26 regular and 10 special meetings.

Number of marriage intentions filed, 351.

Number of deaths reported for 1916 to date were 451. It is possible that some out of town reports of 1916 deaths may be received subsequent to this date.

Receipts.

| | |
|--|----------|
| Marriage intentions filed, 351 @ \$1.00..... | \$351 00 |
| Records of mortgages, assignments, etc. recorded, 471 | 275 10 |
| Copy of records, 90..... | 43 75 |
| Lord's day licenses, 48..... | 237 00 |
| Junk licenses, 14 @ \$15..... | 210 00 |
| Tallow and grease collectors' licenses, 5..... | 18 00 |
| Second-hand furniture licenses, 2 @ \$15..... | 30 00 |

| | |
|---|------------|
| Pilliard and pool room licenses, 14..... | \$ 85 66 |
| Bowling alley licenses, 5..... | 119 34 |
| Job and express wagons and public carriages, 24.. | 35 00 |
| Common victualer's licenses, 27..... | 78 00 |
| Transportation of liquor licenses, 9..... | 9 00 |
| Inn holder's licenses, 1..... | 3 00 |
| Intelligence or employment office licenses, 3..... | 6 00 |
| Auctioneer's licenses, 7..... | 14 00 |
| Garage permits, 102..... | 102 00 |
| Gasoline permits, 69..... | 69 00 |
| Shooting gallery licenses, 1..... | 10 00 |
| Hand bill permits, 42..... | 21 00 |
| Lunch cart licenses, 3..... | 15 00 |
| Transportation of explosives permits, 10..... | 5 00 |
| Fire works permits, 12..... | 12 00 |
| Blasting permits, 1..... | 1 00 |
| Awning permits, 39 @ \$1.00..... | 39 00 |
| Sign or sidewalk projection permits, 2..... | 2 00 |
| Interest account on deposit from Medford Trust Company | 3 23 |
| Miscellaneous fees, 66 items..... | 30 40 |
| City's fees on dog licenses, 806 @ .20..... | 161 20 |
| | \$1,985 68 |

Very respectfully,

CHARLES A. WINSLOW,

City Clerk.

Report of the City Engineer

Medford, January 18, 1917.

Honorable Benjamin F. Haines,

Dear Sir: I have the honor to submit to you the twenty-third annual report of the Civil Engineering Department of the City of Medford for the year ending December 31, 1916.

Financial Statement.

| | | |
|-------------------------------------|------------|------------|
| Appropriation, Jan. 1, 1916..... | \$1,300 00 | |
| Extra appropriation, Aug. 25, 1916. | 500 00 | |
| | | <hr/> |
| | | \$1,800 00 |
| Credits: | | |
| Highway Department | \$1,755 75 | |
| Water and Sewer Department..... | 1,032 92 | 2,788 67 |
| | | <hr/> |
| | | \$4,588 67 |
| Expended: | | |
| Pay roll, general | \$ 807 48 | |
| Assessing Department | 213 35 | |
| Cemeteries | 35 44 | |
| City Map | 224 10 | |
| City Solicitor | 16 54 | |
| Public Property | 35 43 | |
| Hancock School | 111 98 | |
| City Hall | 34 33 | |
| Junior High School..... | 41 90 | |

| | | |
|-----------------------------|------------|------------|
| Highway Department | \$1,699 30 | |
| Water and Sewer Department: | | |
| Sewer Division | 736 40 | |
| Water Division | 179 99 | |
| Brooks and Streams | 92 | |
| | <hr/> | \$4,137 16 |

Bills as follows:

| | | |
|-------------------------------------|----------|------------|
| Office expenses, carfares, etc..... | \$179 67 | |
| Office equipment | 18 56 | |
| Draughting materials | 29 68 | |
| Surveying materials | 60 40 | |
| Instrument repairs | 22 65 | |
| Telephone | 23 34 | |
| Blue and black line prints..... | 22 32 | |
| Printing and stationery | 50 80 | |
| Photographs | 2 50 | |
| Expressage | 57 | |
| Engineering books | 3 00 | |
| Medford Publishing Co. | 7 50 | |
| Map mounting | 91 | |
| Street watering | 13 00 | |
| | <hr/> | \$434 90 |
| | | <hr/> |
| | | \$4,572 06 |
| Balance | | 16 61 |
| | | <hr/> |
| | | \$4,588 67 |

General Increase.

The work required of the department this year has been more than ever, partially on account of new development but principally owing to the progressive action of the administration in forwarding a great amount of new street construction, edgestone and sidewalk installation, surface drains and miscellaneous work connected therewith.

By direction of the Board of Aldermen, surveys, plans, profiles, registry examinations, and descriptions have been made of ten private streets for acceptance as follows:

| Street | From | To |
|-----------------|--------------------------------------|---------------------|
| Lowdoin Street | Main Street | Dartmouth Street |
| Bowen Avenue | Main Street | Willis Avenue |
| Barnside Street | Lawrence Street | Central Avenue |
| Court Street | Tainter Street North- erly | |
| Willis Avenue | Main Street | Park Avenue |
| Evans Street | Central Avenue | Lawrence Street |
| Harvard Street | Main Street | Willis Avenue |
| Hilgore Avenue | High Street | Mystic Valley Pkwy. |
| Lewis Street | Fulton Street | Court Street |
| Coole Street | Central Ave. South- erly 598 feet | |

In addition to these, a plan of Fulton Spring Road furnished by the abutters has been referred to this department for examination and approval and for which a survey has been made, the plan corrected and returned to the Board together with a correct description; a plan and description for the relocation of the westerly side of Winthrop Street from Capen Street to the Somerville Line has been made; also a plan has been made by this department for the layout of a new street from the angle of Hancock Avenue to Mystic Avenue.

The following streets have been accepted :

| Street | From | To | Date |
|------------------------------------|-------------------------------|------------------|--------------------|
| Bowdoin Street | Main Street | Dartmouth Street | August 2, 1916. |
| Bowen Avenue | Main Street | Willis Avenue | August 2, 1916. |
| Bradbury Avenue | Riverside Avenue | Fellsway | August 16, 1916. |
| Burnside Street | Lawrence Street | Central Avenue | August 2, 1916. |
| Court Street | Tainter Street North- erly | | December 30, 1916. |
| Ellis Avenue | Main Street | Park Avenue | August 2, 1916. |
| Harvard Street | Main Street | Willis Avenue | August 2, 1916. |
| Lewis Street | Fulton Street | Court Street | August 16, 1916. |
| Pinkert Street | Myrtle Street | Lawrence Street | August 11, 1916. |
| Second Street | Fellsway | Bradbury Avenue | August 16, 1916. |
| Relocation of Win- throp Street | Capen Street | Somerville Line | December 30, 1916. |

Estimates for construction of roadway, installation of edgestone, sidewalks and surface drains have been made, and surveys and stakings together with sketches and grade sheets for the use of the Highway Department for the construction of the same have been made as per the following list:

WARD ONE.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|-------------------------------------|-----------------------|----------------------------------|---------------------|----------------------------|
| Almont St., E. Side | 1086 | 603 | | |
| Burnside St | 1755 | | 2441 | |
| Emerald St. | 530 | | 845 | |
| Grant Ave. | | | | 120 |
| Lambert St., both sides, Salem to | | | | |
| Cherry | 1250 | | | |
| Malden St. | 994 | 507 | 1476 | |
| Pinkert St. | 1708 | | 2375 | |
| Sheridan Ave., both sides, Salem to | | | | |
| Central | | 1277 | | |
| Spring St., Lot A | 65 | 120 | | |
| Spring and Salem Sts. | | 248 | | |
| Surrey St. | 960 | | 1600 | |
| Wicklow Ave. | 1006 | | 1555 | |
| Wicklow Ave. and Mulden St. | | | | 900 |
| | 9354 | 2755 | 10292 | 1020 |

WARD TWO.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|--------------------------|-----------------------|----------------------------------|---------------------|----------------------------|
| No. 24 Central Ave. | 60 | 42 | ..... | ..... |
| No. 52 Central Ave. | 238 | 150 | ..... | ..... |
| Fells Ave. | 784 | ..... | 1132 | ..... |
| Grant Ave. .... | ..... | ..... | 1140 | ..... |
| Newcomb St. | 250 | 140 | ..... | ..... |
| Park St. | 841 | 467 | ..... | ..... |
| | <hr/> 2173 | <hr/> 799 | <hr/> 2272 | |

WARD THREE.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|--|-----------------------|----------------------------------|---------------------|----------------------------|
| Forest St. West side King Ave. to Land of Whitman | 387 | ..... | ..... | ..... |
| Forest St. Webster St. to top of Kidder's Hill ..... | ..... | ..... | 8942 | ..... |
| No. 119 Forest St. .... | ..... | 114 | ..... | ..... |
| No. 63 Mystic St. | 50 | ..... | ..... | ..... |
| 65 Summit Rd. | 66 | 46 | ..... | ..... |
| Valley and Forest Sts. .... | ..... | ..... | ..... | 850 |
| Woburn St., West side, Mystic to Allston | 634 | 355 | ..... | ..... |
| Lots 1 and 2 Wyman St. | 114 | ..... | ..... | ..... |
| Wolcott St. | 90 | ..... | ..... | ..... |
| | <hr/> 1341 | <hr/> 515 | <hr/> 8942 | <hr/> 850 |

WARD FOUR.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|------------------------------|-----------------------|----------------------------------|---------------------|----------------------------|
| Brookings St. | 1443 | 800 | | |
| Douglas Road | | | | 150 |
| Hancock Ave. | 528 | | | |
| Hancock St. and Ave. | | | | 960 |
| Marston St. | 1870 | | 2830 | |
| Marshall St. | 1996 | | | |
| Nos. 68-70 Marshall St. | 43 | | | |
| No. 72 Marshall St. | 43 | | | |
| No. 74 Marshall St. | 43 | | | |
| No. 78 Marshall St. | 43 | | | |
| Summer St. | | | | 150 |
| | <u>6009</u> | <u>800</u> | <u>2830</u> | <u>1260</u> |

WARD FIVE.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|---|-----------------------|----------------------------------|---------------------|----------------------------|
| Albion St. | 672 | | 1115 | 700 |
| Bowdoin St. | 892 | | 1155 | |
| Dartmouth St. | 34 | | | |
| No. 86 Dexter St. | 1300 | | 1877 | |
| Harvard St. East of Main St. | 884 | 1732 | 4200 | |
| Harvard St. | | | | |
| Main St. West Side, Harvard to Marion St. | 530 | 588 | | |
| Marion St. | 2688 | 1500 | | 820 |
| Nos. 75-77 Medford St. | 31 | 75 | | |
| Newbern Ave. | | | | 700 |
| Princeton St. | 2251 | | 3177 | |
| No. 7 Wheeler Ave. | 42 | 24 | | |
| Wright Ave. | 1344 | | 1849 | |
| | <u>10668</u> | <u>3919</u> | <u>13373</u> | <u>2220</u> |

WARD SIX.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|---------------------------------|-----------------------|----------------------------------|---------------------|----------------------------|
| No. 201 Arlington St. | 60 | ..... | ..... | ..... |
| Gleason St. | 898 | ..... | 1220 | ..... |
| Harvard Ave. | 2274 | ..... | ..... | 1925 |
| High St. | 1589 | ..... | ..... | ..... |
| Hillsdale Rd. | 1844 | 1024 | ..... | ..... |
| Johnson Ave. | 2200 | ..... | 3280 | 300 |
| Kilgore Ave. | 1440 | ..... | 2080 | ..... |
| Quincy St. | 327 | 300 | ..... | ..... |
| No. 82 to 88 Quincy St. | 134 | 75 | ..... | ..... |
| No. 62 to 70 Sagamore Ave. | 210 | ..... | ..... | ..... |
| No. 65 to 75 Sagamore Ave. | 204 | ..... | ..... | ..... |
| No. 100 Warren St. | 80 | 47 | ..... | ..... |
| | <u>11,260</u> | <u>1446</u> | <u>6580</u> | <u>2225</u> |

WARD SEVEN.

| STREET | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|---|-----------------------|----------------------------------|---------------------|----------------------------|
| Magoun Ave. and Pembroke St. | 100 | 55 | ..... | ..... |
| Second St. Bradbury Ave. to Fellsway | 1790 | ..... | 2545 | ..... |
| Second St. Middlesex Ave. to Cradock Ave. | 1210 | ..... | 1650 | ..... |
| | <u>3100</u> | <u>55</u> | <u>4195</u> | ..... |

TOTALS FOR THE ENTIRE CITY.

| WARD | Lin. Ft. Edgestone | Sq. Yds. Brick or Granolithic | Sq. Yds. Roadway | Lin. Ft. Surface Drains |
|---------|-----------------------|----------------------------------|---------------------|----------------------------|
| 1 | 9354 | 2755 | 10292 | 1020 |
| 2 | 2173 | 799 | 2272 | |
| 3 | 1341 | 515 | 8942 | 850 |
| 4 | 6009 | 800 | 2830 | 1260 |
| 5 | 10668 | 3919 | 13373 | 2220 |
| 6 | 11260 | 1446 | 6580 | 2225 |
| 7 | 3100 | 55 | 4195 | |
| | 43905 | 10289 | 48484 | 7575 |

In addition to these, a large number of estimates have been made for construction of similar work, for which the appropriations have not yet been made.

In Appendix A will be found a schedule of edgestone and the sidewalks built during the year.

In Appendix B will be found a schedule showing a list of streets on which sewers have been constructed during the year, together with their lengths, sizes, etc.

In Appendix C will be found a list of the surface water drains, together with the catch basins and other appurtenances constructed during the year.

In Appendix D will be found a schedule of macadam roadway constructed during the year.

Street Watering.

The usual measurements of frontages have been made, amounting to 437,714 feet or 82.90 miles. The length of streets watered is about 48.09 miles; the area watered is about 799,813 square yards.

The rate is four cents per front foot.

Sewer Construction.

Five thousand nine hundred sixty-three feet of sanitary sewers have been built during the year, all done by Municipal labor.

The following table shows the total lengths and sizes of sewers on January 1, 1917:

| | |
|------------------------------------|-----------|
| 5-inch vitrified pipe sewer | 97.0 |
| 6-inch vitrified pipe sewer | 14,539.5 |
| 8-inch vitrified pipe sewer | 269,691.4 |
| 8-inch cast iron pipe sewer | 215.0 |
| 10-inch vitrified pipe sewer | 25,599.9 |
| 12-inch vitrified pipe sewer | 13,532.2 |
| 15-inch vitrified pipe sewer | 9,573.8 |
| 18-inch vitrified pipe sewer | 6,968.2 |
| 20-inch vitrified pipe sewer | 4,181.0 |
| or 65.207 miles. | |

For this work preliminary plans and estimates have been made, lines and grades given for construction and Y locations obtained while the work was in progress. Releases on private ways have been obtained and all necessary papers for releases and takings have been made.

School Department.

This department has made surveys, plans, estimates and superintended the construction of the grounds, walks and surface drains of the Hancock Avenue School, also has made surveys, plans and descriptions for the taking of land for the Junior High School.

City Hall.

Surveys, levels and plans have been made for the takings for the new City Hall and stakings and levels have been given for the construction of the City Hall.

Water Construction.

There has been constructed during the year eleven thousand, one hundred twenty-four feet of new mains and eleven hundred forty-four feet of renewals with the necessary specials, hydrants, etc., for which locations have been given and all necessary measurements have been made for the purpose of making record plans of the same.

Office.

The indexing of plans, survey and level notes, calculations and construction records, etc., has been continued so that there are 38,000 typewritten cards.

Lines and grades for streets for guidance in erection of fences, grading of lawns and building operations have been given to 36 applicants.

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.

Plans and estimates have been furnished committees of the Board of Aldermen, and members of the Board as required; also information has been furnished to the citizens and their agents so far as the records of the office permit.

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. Owing to constant and long continued use several of these sections are badly worn and should be renewed at once, but as the appropriation for the department barely covers the cost of current work, it is necessarily difficult to find sufficient funds to carry out this much needed work.

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.

Oak Grove Cemetery.

At the present time there is no map showing the cemetery as a whole, the existing plans being mostly on small sheets of various scales and made by different engineers; and as we do not have their field notes, it is practically impossible to connect the separate parcels into one complete and accurate map.

Staking and grade sheets were made for a new road from Hillside Avenue to Playstead Road.

Recommendations.

The appropriation of money each year to set stone

bounds so that the location of street lines may be permanently established. Owing to decay and destruction of natural monuments this becomes more essential each year.

The building of a new bridge over the Mystic River at Winthrop street. Preliminary plans for this bridge and watercolor sketch showing the character of the same have been made by this department.

A complete survey of the old portion of Oak Grove Cemetery and a plan of the entire cemetery.

The construction of a covered drain for the waters of Whitmore Brook from Playstead Road to High street and from the Hose House lot to the easterly line of Prescott street; and the reconstruction of the culverts at Irving, Warren and Prescott streets.

The extension of the conduit at Winter Brook, from Tufts Square northerly.

Conduit for the storm water in Two-Penny Brook. The land now used for storage is being developed into house lots.

Setting edgestones and building permanent sidewalks on accepted streets where the property is so built up that there will be slight necessity of tearing up sidewalks for new construction.

Respectfully submitted,

FRED R. CHARNOCK,

City Engineer.

APPENDIX A—Schedule of Sidewalks and Edgestones, 1916

Original Construction

| STREET | FROM | TO | Lin. Feet Str. Stone | Lin. Feet Cir. Stone |
|---------------------|---------------------------|------------------------------|---------------------------------|---------------------------------|
| Emerald Street..... | Surrey Street..... | Malden Line..... | 406.6 | ..... |
| Fells Avenue..... | Fellsway West..... | End of Accepted Portion..... | *1053.0 | ..... |
| Gleason Street..... | Old Accepted Portion..... | Clewley Road..... | 753.0 | 17.7 |
| Johnson Avenue..... | High Street..... | Grove Street..... | 1672.0 | 566.5 |
| Malden Street..... | Surrey Street..... | Malden Line..... | 849.2 | ..... |
| Marston Street..... | Summer Street..... | George Street..... | 1764.0 | 53.4 |
| Pinkert Street..... | Central Avenue..... | Lawrence Street..... | 1619.0 | 107.6 |
| Second Street..... | Craddock Avenue..... | Middlesex Avenue..... | 1105.0 | 106.9 |
| Surrey Street..... | Malden Street..... | Emerald Street..... | 972.3 | 161.1 |
| Wicklow Avenue..... | Malden Street..... | Emerald Street..... | 985.2 | 188.0 |
| Wright Avenue..... | Main Street..... | Willis Avenue..... | 1257.0 | 53.0 |
| Total | | | 12436.3 | 1254.2 |

, *Concrete curb and gutter.

APPENDIX A—Schedule of Sidewalks and Edgestones, 1916
General Account

| STREET | Lin. Feet Str. Stone | Lin. Feet Cir. Stone | Sq. Yards Gran. Walk | Corner Block |
|------------------------|-------------------------|-------------------------|-------------------------|-----------------|
| Almont Street | 1034.0 | 49.2 | | |
| Bookings Street | 1333.0 | 37.6 | | |
| Dartmouth Street | 711.3 | 200.9 | | |
| Forest Street | 195.0 | | | 1 |
| Hancock Avenue | 215.1 | | 210.75 | 2 |
| Harvard Avenue | 280.0 | | | |
| Harvard Street | 1070.0 | 116.7 | 1397.26 | |
| High Street | 1407.9 | 227.6 | | 1 |
| Hillsdale Road | 1648.0 | 125.7 | | |
| Lambert Street | 1545.7 | 152.5 | | |
| Malden Street | | | 566.73 | |
| Main Street | 422.4 | 17.2 | 248.31 | |
| Marion Street | 2366.9 | 21.3 | 1477.17 | |
| Marshall Street | 1741.0 | 132.2 | | |
| Newcomb Street | 248.0 | 5.2 | | |
| Park Street | 825.0 | | | |
| Quincy Street | 313.0 | 23.5 | | |
| Second Street | 1704.0 | 26.7 | | |
| Sheridan Avenue | | | 638.5 | |
| Woburn Street | 522.0 | 114.9 | | |
| Total | 17582.9 | 1251.2 | 4538.72 | 4 |

APPENDIX A.
Schedule of Sidewalks and Edgestones, 1916
On Petition of Owners

| STREET | Lin. Feet Str. Stone | Lin. Feet Cir. Stone | Sq. Yards Gran. Walk | Sq. Yards Brick Walk |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Arlington Street | | | | 29.1 |
| Central Avenue | 172.0 | | 131.97 | |
| Cottage Street | 30.0 | | | |
| Dexter Street | 34.0 | | | |
| Farragut Avenue | | | 49.00 | |
| Forest Street | | | 112.30 | |
| Garfield Avenue | 99.0 | | 60.00 | |
| Marshall Street | 119.0 | | | |
| Medford Street | 31.2 | | 43.86 | |
| Mystic Street | | | 27.10 | |
| Pembroke Street | 95.1 | | 68.84 | |
| Quincy Street | 132.6 | | | |
| Sagamore Avenue | 464.0 | | | |
| Salem Street | | | 83.33 | |
| Spring Street | 73.6 | *136.0 | 241.90 | |
| Summit Road | 66.0 | | 46.80 | 61.66 |
| Warren Street | 80.0 | | 49.30 | |
| Webster Street | | | 64.80 | |
| Winte- Hill Road | | | 31.00 | |
| Wolcott Street | 89.0 | | | |
| Wyman Street | 89.0 | 26.7 | | |
| *Relaid. | | | | |
| Total | 1574.5 | 162.7 | 1010.20 | 90.76 |

APPENDIX B—Schedule of Sewers Built in 1916 .

| LOCATION | FROM | TO | Length feet | Size in. | No. M.H. | In- lets | CHARACTER OF SOIL |
|--------------------------------------|---|------------------------|----------------|-------------|-------------|-------------|---------------------------|
| Across B. & M. R. R.... | Sixth Street | Easterly | 146.5 | 8 | 1 | ..... | Ballast, muck and clay |
| Across Private Land.... | Spring Street | Hill Avenue | *203.0 | 8 | ..... | ..... | Clay, sand |
| | | | 22.0 | 8 | 1 | ..... |  |
| Alfred Terrace | William Street | Westerly | 180.7 | 8 | 3 | 12 | Clay |
| Bonner Avenue..... | Willis Avenue | Westerly | 607.2 | 8 | 2 | 40 | Sand, clay |
| Bowdoin Street..... | Sta. 11 plus 50..... | Colby Street | 70.3 | 8 | ..... | 1 | Filling, clay, hardpan |
| Carney Street | Hill Avenue | Easterly | 237.7 | 8 | 1 | 13 | Clay, sand |
| Colby Street | Bowdoin Street | Southerly | 313.4 | 8 | 2 | 21 | Filling, clay and hardpan |
| Fells Avenue | Sta. 4 plus 16..... | Northerly | 209.3 | 8 | 1 | 15 | Ledge, gravel |
| Fellsway West (south- side) | Grant Avenue | Sta. 4 plus 88.40..... | 115.3 | 8 | ..... | 2 | Stone filling |
| | E'y sta. 3 plus 73.16 | | | | | | |
| First Street | Middlesex Avenue | Bradbury Avenue | *12.0 | 8 | ..... | ..... | Sand, clay |
| | | | 560.7 | 8 | 2 | 37 | |
| Fountain Street | Webster Street | Northerly | 206.5 | 8 | 1 | 13 | Sand, clay |
| Fulton Spring | Fulton Street | Easterly | 294.7 | 8 | 2 | 19 | Rock, filling |
| Fulton Street | Sta. 14 plus 58.55..... | Fulton Spr. | 119.5 | 10 | 5 | 53 | Rock, gravel |
| | | | 696.9 | 8 | ..... | ..... |  |
| Hill Avenue | Opp. R. of W. to Spring street | Carney Street | 18.1 | 8 | 2 | ..... | Clay, sand |
| Irving Street | Allston Street | Westerly | 204.8 | 8 | 1 | 12 | Hardpan and rock |
| Lambert Street | Salem Street | Sherwood Road | 96.0 | 8 | 1 | 13 | Sand |
| Middlesex Avenue | Second Street | First Street | 200.4 | 12 | 1 | 12 | Sand, clay |
| Sherwood Road | Lambert Street | Northerly | 256.2 | 8 | 1 | 13 | Sand |

*Cast Iron

| | | | | | | | |
|-------------------------|---------------------|------------------------|--------|-------|----|-----|--------------|
| Smith Street | Main Street | Near Edward Street.... | 207.0 | 8 | 2 | 13 | Gravel, rock |
| Sydney Street | Fourth Street | Second Street | 462.8 | 8 | 2 | 27 | Sand, clay |
| Whittemore Street | Main Street | Near Edward Street.... | 296.8 | 8 | 2 | 12 | Gravel, rock |
| Whittle Terrace | Brooks Street | Easterly | 135.2 | 8 | 2 | 7 | Gravel, rock |
| Totals ..... | ..... | ..... | 5963.0 | ..... | 35 | 335 | |

APPENDIX C—Schedule of Surface Drains Built in 1916

| STREET | LOCATION | Length feet | Size in. | No. of C. B. | No. of M.H. | Length of Connections | REMARKS |
|----------------------|---|----------------|-------------|-----------------|----------------|--------------------------|----------------------|
| Forest Street | Valley St. Northerly.... | 213 | 18 | 2 | 2 | 19 ft. of 10 in. | New Drain |
| Grant Avenue | Central Ave. Southerly.. | 118 | 12 | 2 | 1 | 31 ft. of 10 in. | Relay |
| Hancock Avenue | Hancock St. to Angle... | 547 | 12 | 6 | 2 | 200 ft. of 10 in. | New Drain |
| Hancock Street | Crescent St., Hancock Av | 432 | 12 | 4 | 2 | 139 ft. of 10 in. | New Drain |
| Johnson Avenue | Railroad Drain into Johnson Avenue | 233 | 12 | 3 | 4 | 59 ft. of 10 in. | New Drain |
| Malden Street | Fellsway Drain to Wicklow Avenue | 336 | 12 | 4 | 3 | 137 ft. of 10 in. | New Drain |
| Marion Street | Main St. Westerly.... | 800 | 12 | 4 | 3 | 69 ft. of 10 in. | Relay |
| Newbern Avenue | Medford St. Westerly.. | 689 | 12 | 9 | 3 | 231 ft. of 10 in. | Part Relay, Part New |
| Summer Street | At Marston Street.... | 51 | 12 | 2 | 1 | 61 ft. of 10 in. | New Drain |
| Valley Street | Gravelly Creek to Forest Street | 656 | 18 | ..... | 2 | ..... | New Drain |
| Wicklow Avenue | Malden Street to Emer- ald Street | 542 | 12 | 6 | 3 | 197 ft. of 10 in. | New Drain |
| Total ..... | ..... | 4617 | ..... | 42 | 26 | | |

APPENDIX D—Schedule of Macadam Roadway Construction.

| LOCATION | FROM | TO | Sq. Yards Roadway |
|----------------------|------------------------|----------------------------|----------------------|
| Emerald Street | Surrey Street | Malden Line | 1300 |
| Forest Street | Webster Street | Top of Kidder's Hill | 8942 |
| Grant Avenue | Salem Street | Fellsway West | 1730 |
| Harvard Street | Dartmouth Street | Winchester Street | 3080 |
| Malden Street | Surrey Street | Malden Line | 1710 |
| Pinkert Street | Central Avenue | Lawrence Street | 2375 |
| Surrey Street | Malden Street | Emerald Street | 1915 |
| Wicklow Avenue | Malden Street | Emerald Street | 1915 |
| Wright Avenue | Main Street | Willis Avenue | 1850 |
| Total ..... | ..... | ..... | 24817 |

APPENDIX E.

Six thousand, one hundred eighty-five plans and profiles.
Twenty-seven section maps.
Ninety-seven survey and level books.
One hundred eight inspector's note books.
Twenty-eight calculation books.
Three transits and tripods.
One Wye level and tripod.
Two target rods.
One sight rod.
Miscellaneous surveying tools.
Three one hundred foot tapes.
One fifty foot tape.
Blue-print equipment.
Five drawing tables.
One drawing table with electrical attachment.
Five drawing stools.
Four chairs.
One roll-top desk.
One bookcase.
One plan case.
One forty-two tray index case.
One six tray index case.
Two note book cases.
Cement testing equipment.
One work-bench and miscellaneous tools.
One set (100) metallic curves.
One V. F. Cabinet with base.
Eight Macey book sections.
One wardrobe.
Vault fittings.
Miscellaneous drawing instruments and materials.
Jupiter pencil sharpener.
One case for field instruments.
One Underwood typewriter and desk.
One pantograph.
Photographic equipment.
Two planimeters.
Two waste baskets.
One barrel spikes.
Seven hundred seventy stakes.

Report of the Board of Assessors

Medford, January 1, 1917.

Honorable Benjamin F. Haines,

Mayor of the City of Medford.

Dear Sir:

We, the Assessors of Medford, herewith submit our annual report for the year ending December 31, 1916.

Warrants have been received for the assessment of taxes in the City of Medford for the year 1916 as follows:

| | |
|--|--------------|
| A State Warrant for the City of Medford's part of a State Tax of \$8,000,000 as apportioned by Chapter 298, Acts of 1916.... | \$ 51,360 00 |
| A County Warrant for the Tax of Middlesex County for County purposes..... | 33,144 75 |
| A State Warrant for Metropolitan Sewer Tax, Chapter 439, Acts of 1889..... | 26,427 50 |
| A State Warrant for the Metropolitan Park and Boulevard Tax..... | 13,903 06 |
| A State Warrant on account of cost of maintenance and operation of Wellington Bridge | 4,352 00 |
| A State Warrant for a Highway Tax in accordance with Chapter 47, Section 16 of the Revised Laws | 430 00 |
| A State Warrant for the Charles River Basin Tax in accordance with Chapter 465, Acts of 1903 | 2,877 40 |

| | |
|---|--------------|
| A State Warrant for Fire Prevention in accordance with Chapter 795, Acts of 1914... | 505 08 |
| A City Warrant for Tax of City of Medford for City purposes..... | 546,036 00 |
| Overlay | 12,747 42 |
| | <hr/> |
| | \$691,783 21 |

The Rate of Taxation required to raise the amount of the several Warrants and Overlay (less estimated receipts) was determined by the Board of Assessors to be \$19.80 per \$1,000 and the same was provided for as follows:

| | |
|---|--------------|
| 9,298 Polls at \$2.00 each..... | \$ 18,596 00 |
| Real Estate Tax at \$19.80 per \$1,000..... | 577,745 19 |
| Personal Estate at \$19.80 per \$1,000..... | 71,775 99 |
| Estimated Receipts (Bank, Corporation and R. R. Tax)..... | 23,666 03 |
| | <hr/> |
| | \$691,783 21 |

Number of Polls and Valuation of the City
by Wards, April 1, 1916.

| | No. of Polls | Personal Real Estate | | |
|------------------------------|-----------------|----------------------|--------------|--------------|
| | | Estate | Buildings | Land |
| Ward 1 | 1,336 | \$ 99,650 | \$ 2,557,050 | \$ 1,027,800 |
| Ward 2 | 1,248 | 161,050 | 2,120,350 | 1,256,550 |
| Ward 3 | 931 | 1,898,900 | 3,653,800 | 3,141,400 |
| Ward 4—one ... | 698 | 201,300 | 1,470,200 | 818,900 |
| Ward 4—two ... | 651 | 29,700 | 1,094,250 | 444,450 |
| Ward 5—one ... | 826 | 39,150 | 2,007,300 | 662,450 |
| Ward 5—two ... | 1,329 | 61,350 | 2,192,000 | 806,300 |
| Ward 6—one ... | 1,143 | 967,000 | 2,878,450 | 1,816,600 |
| Ward 6—two ... | 557 | 69,400 | 1,800,900 | 588,450 |
| Ward 7 | 665 | 97,850 | 1,343,150 | 893,000 |
| | <hr/> | | | |
| | 9,384 | \$3,625,350 | \$21,117,450 | \$11,455,900 |
| Less Soldier exemption | 86 | | | |
| | <hr/> | | | |
| Taxable Polls .. | 9,298 | | | |

| | |
|---|--------------|
| Total Valuation, April 1, 1916..... | \$36,198,700 |
| Less City and Exempt Property..... | 3,394,600 |
| | <hr/> |
| Total Taxable Valuation, April 1, 1916..... | \$32,804,100 |
| Rate per \$1,000, \$19.80. | |

**Amount of Taxes Committed to the Tax Collector
for year 1916:**

| | |
|---|--------------|
| Polls, Personal and Real Estate..... | \$668,117 18 |
| Street Watering Assessments | 17,508 56 |
| Sewer Apportionments | 2,482 93 |
| Sewer Apportionments Interest | 312 12 |
| Sidewalk Apportionments | 901 77 |
| Sidewalk Apportionments Interest | 111 24 |
| Sewer House Connection Apportionments.... | 1,288 43 |
| Sewer House Connection Apportionments In- terest | 166 60 |
| Sewer House Connection Assessments (Unap- portioned) | 3,693 37 |
| Sewer House Connection Assessments In- terest | 130 93 |
| Betterment Apportionments | 720 57 |
| Betterment Apportionments Interest | 56 46 |
| Gypsy and Brown Tail Moth Assessments.... | 943 57 |

Total amount committed to Tax Collector in original Warrants and added to Taxes of 1916 \$696,433 73

Supplementary Warrants:

| | |
|--------------------------------|-------------|
| Poll Taxes | \$ 242 00 |
| Personal Taxes | 10,675 17 |
| Excise Tax | 352 81 |
| (Bay State Street Railway Co.) | |
| | <hr/> |
| | \$11,269 98 |

Total amount of Warrants committed to the Tax Collector during year 1916..... \$707,703 71

| | | |
|--|--------------|--------------|
| Real and Personal Estate by Assessors' general assessment..... | \$32,804,100 | |
| Personal Estate by Assessors' Supplementary Warrant | 539,150 | |
| | <hr/> | |
| Total Taxable Valuation..... | \$33,343,250 | \$33,343,250 |

Exempt Valuations.

| | | |
|--|------------|--------------|
| Real Estate of Houses of Religious Worship | \$ 487,850 | |
| Real Estate of Charitable Institutions | 146,250 | |
| Real Estate of Scientific Institutions | 677,700 | |
| Real Estate of Literary Institutions | 12,850 | |
| Real Estate of Commonwealth of Massachusetts | 26,350 | |
| Real and Personal Estate of Veterans of the Civil War..... | 59,650 | |
| Real Estate of the City of Medford | 1,983,950 | |
| | <hr/> | |
| Total Exempt Valuation..... | | \$ 3,394,600 |
| | | <hr/> |
| Total Assessed Valuation..... | | \$36,737,850 |
| Number of Residents assessed on Property: | | |
| Individuals | 3,873 | |
| All others (Firms, Corporations, etc.), | 610 | |
| | <hr/> | |
| Total | | 4,483 |
| Number of Non-residents assessed on property: | | |
| Individuals | 1,343 | |
| All others | 328 | |
| | <hr/> | |
| Total | | 1,671 |

| | |
|---|--------|
| Number of persons assessed on property.. | 6,154 |
| Persons assessed for Poll Tax only.... | 7,168 |
| | <hr/> |
| Total | 13,322 |
| Number of Militia (between 18 and 45 years of age).. | 6,483 |
| Number of Taxable Polls..... | 9,298 |
| Tax on each Poll..... | \$2.00 |
| Number of Horses..... | 379 |
| Number of Cows..... | 152 |
| Number of Neat Cattle other than Cows..... | 1 |
| Number of Automobiles including Motor Boats and Cycles | 681 |
| Number of Dwelling Houses..... | 5,700 |
| Population as found by the Assessors..... | 31,627 |

Sewer Apportionments.

January 1, 1917, there remain on the books of the Assessors, Sewer Apportionments to be added to taxes for the years 1917, 1918, 1919 and 1920, amounting to..... \$4,980 46

Sewer House Connection Apportionments.

January 1, 1917, there remain on the books of the Assessors, Sewer House Apportionments amounting to..... \$4,867 02
to be added to Taxes of 1917, 1918, 1919, and 1920.

Sidewalk Apportionments.

January 1, 1917, there remain on the books of the Assessors, Sidewalk Apportionments amounting to \$559 43
to be added to taxes of 1917, 1918 and 1919.

Betterment Apportionments.

January 1, 1917, there remain on the books of the Assessors, Betterment Apportionments amounting to..... \$863 76
to be added to taxes of 1917 and 1918.

Abatements.**Polls, Personal and Real Estate Taxes.**

| | |
|--|------------|
| Taxes of 1913 | \$ 2 00 |
| Taxes of 1914 | 2,141 82 |
| Taxes of 1915 | 2,350 40 |
| Taxes of 1916 | 4,347 09 |
| <hr/> | |
| Total amount of Abatements certified to the Tax Collector | \$8,841 31 |
| Taxes of 1915 abated through the Treasurer.. | 99 76 |
| <hr/> | |
| Total amount of Abatements..... | \$8,941 07 |

Sewer Apportionment.

Assessment No. 7195 added to taxes of 1916. \$ 27 22

Respectfully submitted,

EDWARD S. RANDALL,
FREDERICK F. HOCKADAY,
HERBERT B. LYNDE,

Medford Board of Assessors.

MEDFORD HISTORICAL SOCIETY.

ac. 2814.

Report of the City Treasurer

Medford, January 1st, 1917.

Hon. Benjamin F. Haines,

Mayor of the City of Medford.

Dear Sir:—

As required by Section 31 of the Revised Charter, I herewith submit the following report:

| | |
|--|----------------|
| Cash in Treasury, January 1, 1916..... | \$ 43,029 56 |
| Receipts to December 31, 1916..... | 2,019,591 08 |
| | <hr/> |
| | \$2,062,620 64 |
| Expenditures to December 31, 1916..... | 1,863,766 91 |
| | <hr/> |
| Cash in Treasury, January 1, 1917..... | \$ 198,853 73 |

Respectfully submitted,

EDWARD A. BADGER,

City Treasurer.

Report of the City Planning Board of Medford for 1916

To His Honor the Mayor and Board of Aldermen of Medford, Mass.:

The present Planning Board of Medford was organized March 16, 1916, with T. P. Higgins as chairman, and A. C. Mangels, secretary.

During the year, the Board has held fourteen meetings. Early in the year the Mayor addressed the Board and expressed his ideas of what he thought were the duties of a Planning Board and promised his co-operation.

The first part of April, the Board made a tour of inspection of the whole city making special inspection of possible improvements of the section between the car barns, Fellsway West and junction of Salem and Spring Streets, with a view of opening up an extension of Spring Street to Fellsway West.

Building lines were the next thing the Board turned its attention to. This subject has been gone over thoroughly by the Board and they recommend some action be taken by the Board of Aldermen the early part of the coming year.

The Metropolitan Park Commission was asked to clean up its property bordering on the Mystic River, with good results.

Efforts were made to have the marsh lands of the Mystic Estate drained by lowering the drain under Main Street.

At the request of the Mayor, the Planning Board was asked as to the advisability of a Fire Station in Wellington. After deliberation, the Board recommended a site which

REPORT OF CITY PLANNING BOARD

would cover both the Glenwood and Wellington Districts, at the northwesterly corner of Spring Street, corner of Riverside Avenue.

Matters of much importance of benefit to Medford were taken up with the Fire Prevention Commission and still other matters must be looked after to insure against fire hazards in this city.

Henry Sterling, secretary of the Homestead Commission, has addressed the Board at their invitation on the duties of Planning Boards and the best methods of being useful to the city at large. He also outlined the duties of the proposed Board of Survey in a very clear manner. This Board would act in conjunction with planning boards.

It is to be deplored that Medford was not represented at the Springfield Convention of Planning Boards, but lack of funds caused by large municipal improvements prevented an appropriation for it.

The Planning Board is ready at all times to listen to suggestions of the citizens of Medford to further the interests of Medford.

We recommend an appropriation of \$200 to be expended for the services of clerk hire, stationery, etc., securing maps and whatever else may be necessary to enable us to properly conduct the work of a Planning Board.

We feel that with the co-operation of the city officials much can be done to make a better Medford.

Respectfully submitted,

ANDREW C. MANGELS,

Secretary.

THOMAS P. HIGGINS, Chairman,
ANDREW C. MANGELS,
G. A. McCORMACK,
E. W. COBB,
E. C. ELLIS.

Report of the Sealer of Weights and Measures

Medford, January 1, 1917.

Hon. Benjamin F. Haines,
Mayor of Medford.

Dear Sir:—

I have the honor to submit to you my thirteenth annual report of the Weights and Measures Department, of the City of Medford, for the year ending December 31, 1916.

| Scales | Adjusted | Sealed | Non-Sealed | Con-demned |
|---|------------|-------------|------------|------------|
| Platform over 5,000 pounds capacity | | 18 | | |
| Platform under " " " | 10 | 113 | 1 | 1 |
| Counters | 4 | 169 | | 1 |
| Spring balances | 5 | 172 | 2 | 7 |
| Computing | 6 | 96 | 2 | 6 |
| Slot Personal | | 18 | | |
| Prescription | 4 | 21 | | |
| Weights | | | | |
| Avoirdupois | 18 | 1203 | | 10 |
| Apothecary | 11 | 304 | | 6 |
| Metric | 7 | 129 | | |
| Troy | 1 | 16 | | |
| Capacity Measures | | | | |
| Dry Measures | | 26 | | |
| Liquid Measures | | 290 | | |
| Automatic Pumps | 35 | 138 | 8 | 2 |
| Milk Jars | | 48 | | |
| Ice Cream Cans | | 1362 | | 52 |
| Cartons | | 100 | | |
| Yard Sticks | | 35 | | 2 |
| Baskets | | 4 | | |
| Totals | 101 | 4262 | 13 | 97 |

**Trial Weighing and Measurements, on Wagons
and in Stores.**

| Commodity | Number Tested | Correct | Incorrect | |
|-----------------------------|------------------|------------|------------|------------|
| | | | Under | Over |
| Charcoal and Coke | 26 | ..... | 6 | 20 |
| Coal, (in wagons) | 15 | 11 | 1 | 3 |
| Coal, (in paper bags) | 41 | 21 | ..... | 20 |
| Ice | 40 | 5 | 12 | 23 |
| Flour | 34 | 31 | 2 | 1 |
| Butter | 21 | 13 | 2 | 6 |
| Dry Commodities | 131 | 61 | 44 | 26 |
| Bread | 110 | 70 | 10 | 30 |
| Confectionery | 5 | 5 | ..... | ..... |
| Berry Baskets | 100 | 100 | ..... | ..... |
| Milk Jars | 48 | 48 | ..... | ..... |
| Gasoline and Oil | 138 | 61 | 37 | 40 |
| 2 Bushel Baskets..... | 4 | 4 | ..... | ..... |
| Totals | 713 | 430 | 114 | 169 |

The above described articles have been tested, sealed, or condemned and the results recorded at this office.

Inspections Made in Stores and Streets.

| | |
|--------------------------------------|-------|
| Stores | 1116 |
| Hawkers' and peddlers' | 56 |
| Hawkers' and peddlers' licenses..... | 20 |
| Milk dealers' wagons..... | 148 |
| Coal certificates | 90 |
| Junk dealers' wagons..... | 80 |
| | <hr/> |
| Total | 1510 |

Financial.

| | |
|--------------------------------|----------|
| Amount appropriated | \$200 00 |
| Additional appropriation | 100 00 |
| | <hr/> |
| | \$300 00 |

| | |
|---|----------|
| Stationery and printing..... | \$31 25 |
| Labor | 41 63 |
| Horse hire | 79 00 |
| Books and tags | 32 14 |
| Dies and seals | 18 75 |
| Standard yard | 3 07 |
| Scales | 2 48 |
| Copper measures | 8 00 |
| Sealing clamp, block and chain..... | 13 54 |
| Carfares and sundries..... | 14 94 |
| Expressing | 3 70 |
| Hardware and tools | 27 75 |
| Electric supplies | 3 75 |
| Desk supplies | 9 65 |
| Mercury, advertisement | 3 00 |
| Directory | 3 00 |
| Miscellaneous | 14 35 |
| | <hr/> |
| | \$300 00 |
| Fees received and paid City Collector.... | \$174 56 |

More than ordinary attention has been given to the weighing of coal in transit, both from the city dealers and those delivering coal from out of town plants, with excellent results.

Bags of coal in stores have also been tested and found to be up to the required (25 lbs.) weight.

Ice deliveries have from time to time been followed up, and perhaps less complaint for shortage has been heard than in any previous years, general satisfaction being the result.

All food commodities are required by Federal Law to be marked in plain figures with the net weight or capacity of contents.

Hundreds of inspections have been made in stores and in no case has this law been found violated; perhaps with the single exception of bread, during the early summer, which in several cases was found improperly marked and of light weight. These cases were taken to the State Commissioner and today I believe that the laws in this respect are universally conformed to through the action of the State Commissioners who caused to be purchased over 10,000 loaves of bread throughout the state, and notifications sent to all dealers where a shortage was found.

There are certain articles of food in packages, such as sliced dried beef, sliced bacon and butter that, caused by shrinkage, may not have the proper weight. Butter that complies with the Pure Food Law will contain about 16 per cent. of moisture. The age of butter and the condition under which it is kept tends to make the shrinkage more or less, which will average 1-8 to 3-4 of an ounce on a given pound in the ratio of age and condition. On the articles which evaporate to a given degree, the evaporation is nothing but moisture and the food value of the commodity is absolutely unaffected—so that the spirit and intention of honest weighing and measuring is one that should be considered just as seriously as the technical interpretation of the law in its application to different commodities.

With the constant increasing cost of gasoline and the

large number of automatic measuring pumps in this city, thorough inspection and testing the reliability of the measurements of the capacity of the same has repeatedly been made by this department—61 gave correct measurements, 37 from 2 oz. to 1 pint short and 40 from 4 oz. to 1 pint over. Corrections were made in all cases possible and others condemned or tagged for repairs. The older pumps are more than liable to give incorrect measure and need constant watching, while the more modern pumps, when once properly installed and adjusted, hold their own remarkably well, but all are kept under constant supervision.

During the past year, a 20-ton city (public) scale has been installed at the city yard, which may be made use of at all times for heavy weighing. As it is over ten years since the city has had this public convenience, it is hoped that it will be appreciated and general use made of the same.

A "Public Weigher," for which the city charter provides, should be appointed and an ordinance passed designating the amount of tariff to be collected for use of said scales.

I believe there has been wonderful improvement in the adaptation and use of weighing and measuring devices during the past few years in this city, not only in the passing of the many new laws that redound to the benefit of the buyer and the seller, but the more general enforcement of the older laws that have been on the statutes many years with scant observance.

While you cannot make a man honest by legislative enactment, he is, however, compelled to take cognizance of the law: and that recognition exerts a restraining influence, perhaps greater than some purely reform movements of the day. for the weight and measure law preaches the gospel of truth and honesty and then makes the gospel practical by preventing lying about quality and stealing in quantity.

The new legislation enacted during the past year, as well as the extended rulings and instructions from the State

Commissioner, tending to protect the purchaser against short weights and measures, has materially increased the work and expense of the sealer during the past year, and still more apparatus should be purchased, in the near future, for the proper equipment of this office.

For the purpose of carrying on the work of this department for the ensuing year, I would respectfully recommend the sum of four hundred dollars (\$400) be appropriated.

Respectfully submitted,

WINSLOW JOYCE,

Sealer of Weights and Measures.

Report of the Park Commissioners

Medford, Mass., January 1, 1917.

To His Honor, Benjamin F. Haines,

Mayor of the City of Medford.

Sir:—

The Board of Park Commissioners herewith presents its twenty-fourth Annual Report for the year ending December 31st, 1916.

The work for the year began April 17th and general maintenance continued until December 18th.

The season unusually wet prevented somewhat the work being handled by the workmen as systematically and economically as was desired. Three men were employed at the beginning and eleven men during the busiest part of the season under Mr. Biggs, the foreman.

In spite of the unpropitious weather it is the opinion of the Commission that the playgrounds were never so well cared for and certainly they have never been more used by our citizens than during the year just closed. The parks have been kept clean and as far as possible in good condition; there is needed, however, new planting to replace old and damaged shrubbery, and more thorough spraying for the San Jose scale. This and certain minor improvements that had been planned for and fertilizing have had to be omitted owing to lack of funds. Playgrounds are of the first importance; the parks, however, should not be neglected, but so planted and cared for as to develop their natural beauty and attractiveness from year to year.

One of the reasons for the increased use of the play-

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REPORT OF THE PARK COMMISSIONERS

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grounds by the younger portion of the community has been the installation of playground apparatus made possible by an appropriation of \$2,500 on request of the Commission on June 1st, acted upon by the Board of Aldermen on June 27th and approved by your Honor the 29th of June. Bids were advertised for and upon their receipt and due consideration the contract was awarded to the Iver Johnson Sporting Goods Company of Boston to supply and erect three swings, two see saw sets of two teeter boards each and a sixteen-foot maple slide for each of the four playgrounds: Brooks Playstead, Morrison Playground, Summer Street Playground and Tufts Park Playground.

The apparatus was of A. G. Spaulding & Brothers manufacture of galvanized steel construction and erected on a concrete foundation. So eagerly was opportunity sought by the younger children to use the apparatus that there were always many more than could be accommodated on the playgrounds and the Commission plans to add more of the small swings the coming year with the balance of the appropriation remaining.

Objection to the noise attended on the use of the apparatus on the Playgrounds was made by people adjacent to the Playstead owing to the necessity of locating the apparatus near the street, but for the safety of the children, as this Playground is bounded by the railroad and farming lands on the west and north its entire length, as well as owing to its general character it was felt the location was the proper one. A hearing was granted the objectors by your Honor and the Commission and as a result such modifications as to location as was possible were made and as soon as a proper arrangement can be made to care for the brook flowing through the land and a re-grading made dependent upon a sufficient appropriation a still better arrangement is planned for.

Having installed the long and much desired apparatus on the playgrounds the Board is now faced with the necessity to properly provide for instruction as to its proper use and the protection of the children.

Much time and thought have been given by the members of the Commission, especially by Mr. Herman L. Buss, who had been requested by the Commission to take up this work in detail as to methods in use by other cities and towns in the State, that he might assist the Commission in adopting a proper scheme for Medford's use.

The fact developed that almost every city and town had a method of its own that had been worked out according to its own needs; some were quite expensive, others moderate.

After due consideration it was decided to recommend that the grounds should be under supervision for six months of the year and that to provide instruction and care for the children a woman instructor at each of the playgrounds would be required and a man to have general charge and superintendence of the work. The women instructors should be those who had had proper kindergarten training and possess the physical and mental qualifications required by this work. Regarding the male superintendent it is understood that the services of the new athletic instructor at the High School, who has the training and qualifications desired, could be employed. This would be an excellent arrangement as the school and playground work are closely associated in many ways.

The Commission has carefully investigated the cost of this work and will ask for an appropriation this year as the need is imperative both for the protection of the children and a proper use of apparatus. In reference to the use of the playgrounds, the question has been presented as to whether they should remain open for use by the children on Sundays, the Commission has ascertained that it is customary in some cities and towns to do so believing that the children are much better off with minds and bodies engaged in healthful exercise in good surroundings than in loafing and idling their time away in the city street, others steadfastly adhere to the spirit of the forefathers and the Blue Laws. This would seem to be a matter for our citizens to determine for themselves and this question undoubtedly will

be presented for official consideration and action in the near future. As your Honor knows, matters pertaining to the so-called Blue Laws have never been fully considered or acted upon by our Legislature. At the present session many matters are under consideration with an indication of more liberal views prevailing at this time than in the past.

As suggested by the Commission in last year's report and approved by your Honor, the office of Park Superintendent was created by vote of the Commission under date of April 11th.

This was done that the plans and instructions of the Commission could more properly be carried out and a better supervision of the work and employees given in the interest of efficiency and economy. The Commission appointed Edward P. Adams for the term of one year.

The attention of your Honor is called to the fact that the work on Tufts Park and Playground has never been completed as planned. In fact, no new shrubbery was added when the grounds were enlarged and some of the old has since been damaged or destroyed. In view of the unsightly appearance now made by this neglect the Commission suggests a special appropriation for completing the planting in the spring. The Superintendent states that the work could be accomplished for three hundred dollars.

Last year the Board of Aldermen recommended and passed an order for the purchase of land for a playground in Ward Two, this being in a section as yet unprovided with playground facilities. Your Honor felt obliged to veto this appropriation on account of the financial condition prevailing at the time. It is hoped that within a short time money will be provided for this purpose owing to the great need of this section for a playground. If other sections not now provided for are to be considered, the sooner arrangements are made for the acquiring of land the better will be the opportunity to acquire a proper location at a reasonable price.

One of the immediate needs of the playgrounds is the supplying of them with water for drinking and other uses. Morrison Playground has already been cared for and as the

Water Department has been furnished location plans by the Commission it is hoped this year will see all the playgrounds properly provided for.

During the present season an attempt has been made to provide for the need of skating accommodations for the smaller children by surrounding level areas on the playgrounds with low dams of loam; these were flooded by the Fire Department on request of your Honor. It is claimed that this plan has been fairly successful, but not until the end of the cold weather will the Commission be able to decide as to its practicability or if the results are sufficiently satisfactory to warrant a continuance in view of the expenses.

The pruning of the trees and shubbery has received careful attention as well as the work in the fall for such trees as had suffered attack from the leopard moth.

The Commission was enabled to do much of this work with its own employees under competent instruction, thus serving a double purpose, the teaching of the regular force for future benefit and the saving in the cost of the work. The thanks of the Commission are due to Commissioner Arthur W. Crockford for his contribution of flowering plants for bedding purposes at Morrison's Playground as well as for his care and superintendence of the grounds during the summer season.

The past summer the bath-houses have not been opened to the public owing to the pollution of the Mystic River. The Board of Health ordered them closed and as yet has given the Commission no authority to re-open them. The people still continue to bathe in the river and if they are allowed to do so it would seem as if the bath-houses should be opened, providing responsibility is not incurred by the city in so doing. An appropriation will be asked for this purpose the coming year. In connection with the pollution of the Mystic River, it is of interest to note what the Metropolitan Park Commission states in this year's report:

"In 1915, by Chapter 249 of the Special Acts of that year, appropriation was made from the Metropolitan Parks

Maintenance Fund to provide for improving the sanitary condition of the Aberjona River through lands of Mystic Valley Parkway in the Town of Winchester. This appropriation has been expended and the further sum of \$5,000 is necessary to complete the work."

Until this work is completed Medford has an added menace to those already confronting her as was specifically treated in the Commission's Annual Report to the Mayor in 1913—and your Honor is referred to this report as especially of interest at this time when it would seem as if great effort should be made by our City Officials together with our Representatives in the Legislature for immediate action on this matter of the Mystic River pollution. This is a menace of far greater proportion than seems to be realized.

The Metropolitan Commission dealt with two other matters of interest to Medford. Of the Wellington Bridge approach it states that:

"The easterly road of Middlesex Fells Parkway from Middlesex Avenue in Somerville across Wellington Bridge to its continuation in Medford beyond Revere Beach Parkway was a highway before it was included in, and made a part of, Wellington Bridge and approaches for use as a roadway of the Middlesex Fells Parkway. It has to provide for an extraordinary volume of heavy traffic as well as parkway travel. The portion in Somerville has been rebuilt with concrete surface by the Massachusetts Highway Commission. An extension of this construction over the part in care of this Board seems to be the only way to insure a good surface and bring the cost of maintenance within reasonable rights. An appropriation of \$21,000 against the Wellington Bridge Maintenance Fund will be required for this purpose."

It further states relating to the Mystic Valley Parkway completion that:—

"By Chapter 186 of the General Acts of 1916, a portion of the money necessary for an extension of Mystic Valley Parkway in Arlington around the southerly end of Mystic Lake, to a connection with the state highway to Lexington

and Lowell, under construction was appropriated. A further appropriation of \$25,000 is required for completion of construction and for acquirement of a piece of land required for re-location of service buildings which will have to be removed to make way for the extension."

The increase of the pay from \$2.25 to \$2.50 per day of the park employees as authorized by the city together with the granting of a half holiday on Saturdays the entire year will increase the cost of maintenance about one thousand dollars.

The Superintendent's salary has been increased from three hundred to five hundred dollars and the Clerk from one hundred to two hundred dollars and the Foreman's salary from two dollars and seventy-five cents to three dollars per day. These increases in the cost of labor account for practically all the additional appropriation asked for this year. Money is needed for important work that has already been too long delayed, but the Commission feels under the prevailing conditions they should not ask for more at this time.

For the year 1916 the Commission received by appropriation and transfer the sum of \$4,007.50 and expended as follows:

Public Commons Account.

| | |
|-------------------------------------|-------------------|
| Pay rolls | \$2,772 48 |
| Supervision and clerk's salary..... | 350 00 |
| Repairs and painting..... | 177 52 |
| Pruning and spraying..... | 366 18 |
| Loam | 123 75 |
| Fertilizer | 24 00 |
| Supplies | 37 80 |
| Lawn mowers and repairs..... | 91 45 |
| Grass seed | 4 20 |
| Telephone and incidentals | 35 55 |
| Total expenditure | \$3,982 93 |

The following appropriation is recommended for the use of the park and playgrounds department for the ensuing year:

| | |
|---|------------|
| 1. Public Commons including Playgrounds.... | \$5,500 00 |
| 2. Bath Houses | 500 00 |
| 3. Supervision of Playgrounds..... | 2,800 00 |
| | <hr/> |
| Total | \$8,800 00 |

The complete report of Mr. Edward P. Adams, Park Superintendent, for the year is appended.

Respectfully submitted,

WILTON B. FAY,

IRWIN O. WRIGHT,

DANIEL W. BEDELL,

- HERMAN L. BUSS,

ARTHUR W. CROCKFORD,

Park Commissioners.

Report of Landscape Architect and Engineer.

January 1, 1917.

Hon. Wilton B. Fay,

Chairman of Park Commission, City of Medford.

Sir:

I respectfully submit the following report of park work for the year 1916:

The regular park work began April 17 and closed De-

ember 18. The summer, like that of 1915, was unusually wet, and consequently lawn mowing required the major part of the park appropriations. This year for the first time the new playgrounds as well as the parks were kept neatly mowed throughout the growing season. By the generosity of Mr. Crockford and his careful attention during the summer, bedded plants added delightful color along the Central Avenue front of Morrison Playground. Contrary to predictions, these plants were very little molested by the boys.

A special appropriation for playground equipment enabled us to complete the apparatus needful for baseball and football at the new playgrounds, by the construction of a wood and netting backstop at Summer Street playground, tubular steel foul posts and rubber home plates on well tarred cypress frames at that playground and at Tufts Park Playground, also improving the diamonds by working in screened loam, constructing one more set of goal posts, staking out and marking all the football fields. Sand boxes and park seats were built by contract.

After receiving bids from the three largest manufacturers of playground apparatus in the United States, and visiting the municipal playgrounds of nearby cities and towns to see various makes of playground apparatus in use, the contract was awarded to Iver Johnson Sporting Goods Co. of Boston for galvanized steel-framed apparatus of A. G. Spaulding & Bros. manufacture to be erected by them in the four main playgrounds in the City: Brooks Playstead at West Medford, Morrison Playground on Central Avenue, Summer Street Playground, and Tufts Park Playground on Morton Avenue near Tufts Square.

After many delays in delivery, the apparatus was completely erected and accepted October 16th. The apparatus comprises three swings, two see-saw sets of two teeter boards each and a sixteen-foot maple slide, all on galvanized steel frames, at each of the four playgrounds.

After removal of goal posts the first of December, advantage was taken of an opportunity to buy exceptionally fine loam at a low price for spreading where especially

needed in the spring; and this loam was temporarily used to make low level-topped dams surrounding level areas at three of the playgrounds, to afford safe skating places for the smaller boys and girls during favorable weather in the winter. Favorable weather came the last week of December, and the young folks in large numbers enjoyed the skating thus easily prepared for them.

At Hastings Heights some of the loam was spread, and manure spread over it. But the snowstorm of December 15th interrupted this work and closed the park work for this year.

The swings, teeterboards, slides with steps, and the goal posts were removed before the snowstorm, and with the two horse mowers were stored for the winter in a section of one of the buildings at the City stables.

In September and October the trees in all the City parks and playgrounds were treated for leopard moth borers and all dead branches removed. In November and December the shrubs in Magoun Park and Brooks Park were thoroughly pruned; and in Logan Grove, Tufts Park, and Hastings Heights the most needful part of the pruning of shrubs was done by the regular park men under competent supervision. A part of the gypsy moth work required was done by the park men at the same time. Before spring opens the pruning and the gypsy moth work should be completed.

A service pipe at every playground for a drinking fountain, as well as for a flush hydrant to which a hose can be attached, was recommended in last year's report. Location plans were made and delivered to the water department in the summer. The service pipe at Morrison Playground has been laid.

In accordance with the order of the Board of Health, the bath-houses on Foster Court were not opened to the public in 1916. Consequently the doors were broken open, other mischief done, and extensive repairs required. When repairs were made, the inner doorways were boarded up to make forced entrance more difficult.

A few minor repairs are now needed. As it is hoped

that the condition of Mystic River in the neighborhood of the bath-houses will be so much improved by next summer that the bath-houses can be opened to the public, a floor should be laid in the men's and boys' bath-house.

Nearly all the men employed this year were especially good workmen, Mr. Biggs and Mr. Ingraham being also good mechanics, and to this fact it is largely due that so much was accomplished. The new McCormick one-horse 4-ft. cut mowing machine greatly reduced the cost of grass cutting since its purchase the first of August.

I should like to call attention again to the recommendations contained in my report last year.

Respectfully submitted,

EDWARD P. ADAMS,

Superintendent of Parks and Playgrounds.

Recommendations from Report of Park Work for the Year 1915.

A general program and allowance for the whole year for pruning and spraying shrubbery in all the parks, so that the work can be done at the best times and wherever found to be needed without any delay. Often a few days' delay has seriously handicapped this kind of work. I advise an allowance of \$200 for this pruning and the proper supervision of it, and \$50 additional for the spraying of shrubbery. By this arrangement a large part of the work can be done by the regular park men under competent supervision.

The treatment of the trees for leopard moth and elm tree beetle cannot so well be done by the regular park force;

and the treatment by experts adopted in 1913 appears to be the best. The uncertainty of the amount of work to be required precludes an estimate at the beginning of the year. But if the trees are to be saved this work ought to be properly and completely done in August of every year.

The general park work should begin the week before Easter and continue with sufficient force to keep up with the work until the ground freezes in December.

If arrangements are to be made for skating on the playgrounds, low dams of good black loam should be built the first week in December around every area to be flooded. This work of building dams will then cost less than when done with the ground frozen, and will be made more effective.

A service pipe for a drinking fountain as well as for a flush hydrant to which a hose can be attached should be laid this coming year at every playground.

Some provision should be made for the storage of tools at Tufts Park. The tool house at Magoun Park, the bandstand on the Common and the tower at Hastings Heights provide for the other sections of the City.

For years there has been a lack of proper addition of fertilizers on the lawns and shrubbery beds of the City parks. It would be difficult to get well-rotted manure when wanted. The park department should have a good place for a compost heap to which leaves as well as manure could be added and forked over a good many times before being used. For this purpose leased land would be best, because it should not be near dwellings and yet should be as conveniently located for park use as is possible.

The same land might be used as a temporary nursery for trees and shrubs to obtain larger plants for replacing, without delay, trees and shrubs that die.

Respectfully submitted,

EDWARD P. ADAMS.

Hospital, but having been notified by the superintendent of that institution that no more Medford cases were wanted, the Overseers of the Poor withdrew their patronage, without reluctance, bearing in mind the treatment accorded the last patient they sent there. The patient in question on the second day after his admission was returned to his home by the superintendent, assisted by the city physician of Malden, without notifying either the Overseers or his family, with the result that the patient had to remain out-of-doors until his wife got back from work.

The inmates of the City Home have been looked after in the most painstaking and conscientious way. The matron has nursed many of them through protracted periods of sickness. So faithful has she been to the sick that she devoted many hours, even during the night, to bedside watching and nursing.

The Accident Room at the Police Station has been kept in a neat and orderly manner and it is well supplied for emergency work. The police throughout the year have been kind and helpful to the injured sick, many of whom were victims of cars and automobiles.

Very respectfully,

E. W. BARRETT, M.D.,

City Physician.

Report of the City Physician

Hon. Benjamin F. Haines,

Mayor of Medford.

Dear Sir:

The report of the City Physician for the year 1916 is herewith respectfully submitted:

| | |
|---|-----|
| Number of office calls..... | 69 |
| Number of house calls | 149 |
| Number of prescriptions written | 139 |
| Number of confinements | 2 |
| Number of vaccinations | 3 |
| Number of calls to the Police Station..... | 50 |
| Number of calls to the City Home..... | 20 |
| Number of calls for the Police Ambulance..... | 10 |
| Number of calls to sick firemen..... | 2 |
| Number of reports made of sick firemen..... | 2 |
| Number of calls to sick policemen..... | 9 |
| Number of reports made of sick policemen..... | 9 |

The last six months of the year were singularly free from cases of severe sickness among the poor of the city. The year was also marked by the fact that requests for aid, with few exceptions, came only from the worthy and deserving poor.

Patients requiring surgical care have been sent chiefly to the Homoeopathic Hospital, in Boston. The services rendered by this institution were most satisfactory in every way.

Formerly many city patients were sent to the Malden

Report of the City Collector

Medford, Mass., January 1, 1917.

Honorable Benjamin F. Haines,

Mayor of the City of Medford, Massachusetts.

Dear Sir:—I respectfully submit the following report of the collections made in this department for the year ending December 30, 1916.

Taxes of 1916.

| | | |
|--------------------------------|--------------|--------------|
| Total of warrants..... | \$668,359 18 | |
| Reassessed | 105 93 | |
| Collected and Paid Treasurer.. | | \$144,488 89 |
| Abated | | 2,781 90 |
| Uncollected Jan. 1, 1917..... | | 221,194 32 |
| | <hr/> | <hr/> |
| | \$668,465 11 | \$668,465 11 |

Taxes of 1915.

| | | |
|--------------------------------|--------------|--------------|
| Uncollected Jan. 1, 1916..... | \$217,729 55 | |
| Collected and paid Treasurer.. | | \$143,664 46 |
| Abated | | 1,187 68 |
| Uncollected Jan. 1, 1917..... | | 72,877 41 |
| | <hr/> | <hr/> |
| | \$217,729 55 | \$217,729 55 |

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REPORT OF THE CITY COLLECTOR

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Taxes of 1914.

| | | |
|--------------------------------|--------------|--------------|
| Uncollected Jan. 1, 1916..... | \$ 63,926 25 | |
| Erroneous credit | 60 | |
| Collected and paid Treasurer.. | | \$ 61,797 27 |
| Abated | | 2,129 58 |
| | \$63,926 85 | \$ 63,926 85 |

Taxes of 1913.

| | | |
|-------------------------------|---------|---------|
| Uncollected Jan. 1, 1916..... | \$ 2 00 | |
| Abated | | \$ 2 00 |
| | \$ 2 00 | \$ 2 00 |

Taxes of 1912.

| | | |
|--------------------------------|-----------|-----------|
| *Uncollected Jan. 1, 1916..... | \$ 822 60 | |
| Uncollected Jan. 1, 1917..... | | \$ 822 60 |
| | \$ 822 60 | \$ 822 60 |

December Taxes, 1916.

| | | |
|--------------------------------|--------------|--------------|
| Warrant | \$ 10,675 17 | |
| Collected and paid Treasurer.. | | \$ 770 22 |
| Abated | | 1,671 12 |
| Uncollected Jan. 1, 1917..... | | 8,233 83 |
| | \$ 10,675 17 | \$ 10,675 17 |

December Taxes, 1915.

| | | |
|--------------------------------|-------------|-------------|
| Uncollected Jan. 1, 1916..... | \$ 8,347 04 | |
| Overpayment recovered back.. | 4 00 | |
| Collected and paid Treasurer.. | | \$ 6,836 80 |
| Abated | | 1,162 72 |
| Uncollected Jan. 1, 1917..... | | 351 52 |
| | \$ 8,351 04 | \$ 8,351 04 |

*Chelmsford Foundry Company in bankruptcy court.

REPORT OF THE CITY COLLECTOR

December Taxes, 1914.

| | | | | |
|--------------------------------|----|-------|-------|--------|
| Uncollected Jan. 1, 1916..... | \$ | 23 46 | | |
| Collected and paid Treasurer.. | | | \$ | 11 22½ |
| Abated | | | | 12 24½ |
| | | | <hr/> | |
| | \$ | 23 46 | \$ | 23 46½ |

Street Watering Assessments.

| | | | | |
|-------------------------------|----|-----------|-------|------------|
| Uncollected Jan. 1, 1916..... | \$ | 5,300 59 | | |
| Warrant for 1916..... | | 17,508 56 | | |
| Erroneous credits | | 80 | | |
| Collected 1916 account..... | | | \$ | 11,772 84½ |
| Collected 1915 account..... | | | | 2,505 77 |
| Collected 1914 account..... | | | | 1,345 34- |
| Abated, 1914 account..... | | | | 28 09½ |
| Uncollected Jan. 1, 1917..... | | | | 7,157 91½ |
| | | | <hr/> | |
| | \$ | 22,809 95 | \$ | 22,809 95½ |

Gypsy and Brown-tail Moth Assessments.

| | | | | |
|--------------------------------|----|----------|-------|-----------|
| Uncollected Jan. 1, 1916..... | \$ | 679 60 | | |
| Warrant for 1916..... | | 943 57 | | |
| Supplementary warrants, 1915.. | | 4 50 | | |
| Reassessed 1915 account..... | | 60 | | |
| Collected 1916 account..... | | | \$ | 612 79½ |
| Collected 1915 account..... | | | | 276 25½ |
| Collected 1914 account..... | | | | 212 30½ |
| Abated, 1915 account | | | | 60½ |
| Abated, 1914 account | | | | 60½ |
| Uncollected Jan. 1, 1917.... | | | | 525 73½ |
| | | | <hr/> | |
| | \$ | 1,628 27 | \$ | 1,628 27½ |

Mosquito Assessment, 1913.

| | | |
|-------------------------------|-------------|-------------|
| Uncollected Jan. 1, 1916..... | \$ 3,481 72 | |
| Uncollected Jan. 1, 1917..... | | \$ 3,481 72 |
| | <hr/> | <hr/> |
| | \$ 3,481 72 | \$ 3,481 72 |

Sewer Assessments.

| | | |
|---|--------------|--------------|
| Uncollected Jan. 1, 1916..... | \$ 11,611 03 | |
| Schedules 133-139 inclusive, committed | 9,561 52 | |
| Reassessed | 88 84 | |
| Apportioned | | \$ 2,532 87 |
| Collected and paid Treasurer.. | | 8,395 11 |
| Abated | | 180 40 |
| Uncollected Jan. 1, 1917..... | | 10,153 01 |
| | <hr/> | <hr/> |
| | \$ 21,261 39 | \$ 21,261 39 |

Sewer Apportionments.

| | | |
|---|-------------|-------------|
| Uncollected Jan. 1, 1916..... | \$ 1,793 10 | |
| Warrant for 1916 | 2,482 93 | |
| Supplementary warrant for 1915 | 4 79 | |
| Apportionments paid in ad- vance | 389 84 | |
| Apportionments collected and paid Treasurer | | \$ 2,659 07 |
| Apportionments paid in advance collected and paid Treas- urer | | 389 84 |
| Abated | | 27 00 |
| Uncollected Jan. 1, 1917..... | | 1,594 75 |
| | <hr/> | <hr/> |
| | \$ 4,670 66 | \$ 4,670 66 |

Sewer Connections.

| | | |
|---|--------------|--------------|
| Uncollected Jan. 1, 1916..... | \$ 3,506 76 | |
| Schedules 127-136 inclusive, committed | 12,271 65 | |
| Added to 1916 taxes..... | | \$ 3,693 37 |
| Apportioned | | 2,307 11 |
| Collected and paid Treasurer.. | | 3,717 28 |
| Uncollected Jan. 1, 1917..... | | 6,060 65 |
| | <hr/> | <hr/> |
| | \$ 15,778 41 | \$ 15,778 41 |

Sewer Connection Apportionments.

| | | |
|---|-------------|-------------|
| Uncollected Jan. 1, 1916..... | \$ 664 66 | |
| Warrant for 1916..... | 1,288 43 | |
| Apportionments paid in ad- vance | 256 36 | |
| Apportionments collected and paid Treasurer | | \$ 1,331 09 |
| Apportionments paid in ad- vance collected and paid Treasurer | | 256 36 |
| Uncollected Jan. 1, 1917..... | | 622 00 |
| | <hr/> | <hr/> |
| | \$ 2,109 45 | \$ 2,109 45 |

Sewer Connections Added to Taxes.

| | | |
|--------------------------------|-------------|-------------|
| Uncollected Jan. 1, 1916..... | \$ 3,011 34 | |
| Warrant for 1916..... | 3,693 37 | |
| Collected and paid Treasurer.. | | \$ 3,689 03 |
| Uncollected Jan. 1, 1917..... | | 3,015 68 |
| | <hr/> | <hr/> |
| | \$ 6,704 71 | \$ 6,704 71 |

Sewer Construction Special.

| | | | | |
|--------------------------------|----|-------|-------|-------|
| Committed during 1916 | \$ | 11 66 | | |
| Collected and paid Treasurer.. | | | \$ | 9 38 |
| Unsettled Jan. 1, 1917..... | | | | 2 28 |
| | | | <hr/> | |
| | \$ | 11 66 | \$ | 11 66 |

Sidewalk Assessments.

| | | | | |
|--------------------------------|----|----------|-------|----------|
| Uncollected Jan. 1, 1916..... | \$ | 1,396 69 | | |
| Committed during 1916..... | | 1,057 31 | | |
| Apportioned | | | \$ | 37 20 |
| Collected and paid Treasurer.. | | | | 1,891 78 |
| Uncollected Jan. 1, 1917..... | | | | 525 02 |
| | | | <hr/> | |
| | \$ | 2,454 00 | \$ | 2,454 00 |

Sidewalk Apportionments.

| | | | | |
|---|----|----------|-------|----------|
| Uncollected Jan. 1, 1916..... | \$ | 708 22 | | |
| Warrant for 1916..... | | 901 77 | | |
| Apportionments paid in advance | | 48 22 | | |
| Apportionments collected and paid Treasurer | | | \$ | 1,113 69 |
| Apportionments paid in advance collected and paid Treasurer | | | | 48 22 |
| Uncollected Jan. 1, 1917..... | | | | 496 30 |
| | | | <hr/> | |
| | \$ | 1,658 21 | \$ | 1,658 21 |

Sidewalk Applications.

| | | | | |
|--------------------------------|----|----------|-------|----------|
| Unsettled Jan. 1, 1916..... | \$ | 625 61 | | |
| Committed during 1916 | | 1,811 41 | | |
| Collected and paid Treasurer.. | | | \$ | 1,133 83 |
| Unsettled Jan. 1, 1917..... | | | | 1,303 19 |
| | | | <hr/> | |
| | \$ | 2,437 02 | \$ | 2,437 02 |

REPORT OF THE CITY COLLECTOR

Betterment Assessments.

| | | |
|--------------------------------|-------------|-------------|
| Uncollected Jan. 1, 1916..... | \$ 5,910 67 | |
| Committed during 1916 | 409 24 | |
| Reassessed | 20 68 | |
| Apportioned | | \$ 442 36 |
| Collected and paid Treasurer.. | | 3,822 46 |
| Abated | | 20 68 |
| Uncollected Jan. 1, 1917..... | | 2,055 09 |
| | <hr/> | <hr/> |
| | \$ 6,340 59 | \$ 6,340 59 |

Betterment Apportionments.

| | | |
|---|-----------|-----------|
| Uncollected Jan. 1, 1916 | \$ 36 18 | |
| Warrant for 1916 | 720 57 | |
| Apportionments paid in ad- vance | 138 55 | |
| Apportionments collected and paid Treasurer | | \$ 624 10 |
| Apportionments paid in ad- vance collected and paid Treasurer | | 138 55 |
| Uncollected Jan. 1, 1917..... | | 132 65 |
| | <hr/> | <hr/> |
| | \$ 895 30 | \$ 895 30 |

Water Connections.

| | | |
|--------------------------------|-------------|-------------|
| Unsettled Jan. 1, 1916..... | \$ 1,258 45 | |
| Committed during 1916 | 5,181 01 | |
| Collected and paid Treasurer.. | | \$ 4,145 95 |
| Unsettled Jan. 1, 1917..... | | 2,293 51 |
| | <hr/> | <hr/> |
| | \$ 6,439 46 | \$ 6,439 46 |

Water Service.

| | | |
|----------------------------|--------------|--------------|
| Collected during 1916..... | \$ 81,646 99 | |
| Paid Treasurer | | \$ 81,646 99 |
| | <hr/> | <hr/> |
| | \$ 81,646 99 | \$ 81,646 99 |

Care of Cemeteries.

| | | |
|----------------------------|-------------|-------------|
| Collected during 1916..... | \$ 1,166 30 | |
| Paid Treasurer | | \$ 1,166 30 |
| | <hr/> | <hr/> |
| | \$ 1,166 30 | \$ 1,166 30 |

Miscellaneous Collections Credited to:

| | |
|-------------------------------------|-----------|
| Armory | \$ 900 00 |
| Assessors' expenses | 1 00 |
| Care of cemeteries | 1,230 09 |
| City Clerk's dept. expenses..... | 25 19 |
| City Home | 442 79 |
| Collection of ashes | 576 00 |
| Collection of house offal..... | 2,400 00 |
| Contagious diseases | 689 28 |
| Engineering dept. expenses..... | 2,788 67 |
| Estates bought at sale for taxes... | 1,151 78 |
| Fire dept., ordinary expenses..... | 222 71 |
| Forest street | 58 89 |
| General expenses, Health dept.... | 331 20 |
| General expenses, School dept.... | 1,399 30 |
| General repairs of highways..... | 16,167 18 |
| Guide boards and street signs..... | 64 81 |
| Gypsy and brown-tail moths..... | 362 64 |
| High schoolhouse addition | 7 00 |
| Income from trust funds..... | 715 12 |
| Infantile paralysis | 97 15 |
| Insurance | 1,333 33 |
| Interest | 734 89 |

| | | |
|--------------------------------|-------------|-------------|
| Junior High schoolhouse..... | \$ 100 00 | |
| Miscellaneous account | 1 00 | |
| Miscellaneous credits | 7,581 41 | |
| Outside relief | 3,840 43 | |
| Printing reports | 39 53 | |
| Public library | 538 04 | |
| Removal of snow | 28 29 | |
| Salaries of firemen..... | 19 90 | |
| Salaries of teachers..... | 79 00 | |
| Sewer construction | 405 39 | |
| Sewer maintenance | 35 00 | |
| Sidewalks and edgestones | 334 95 | |
| Special police, etc. | 142 50 | |
| State aid | 37 00 | |
| Surface drains | 626 40 | |
| Stewardship | 2 40 | |
| Trees | 35 43 | |
| Water service | 6,806 99 | |
| Watering streets | 781 80 | |
| | <hr/> | |
| | \$53,134 48 | |
| Paid Treasurer | | \$53,134 48 |

Costs and Fees.

| | | |
|---|-------------|------------|
| Real estate taxes, 1914..... | \$ 1,336 08 | |
| Poll and personal taxes, 1914..... | 65 50 | |
| Real estate and personal taxes, 1915 | 218 60 | |
| Poll taxes, 1915..... | 708 45 | |
| Taxes of 1916..... | 2 00 | |
| Sewer assessments | 50 00 | |
| Sidewalk assessments | 10 00 | |
| Betterment assessments | 30 00 | |
| | <hr/> | |
| | \$ 2,420 63 | |
| Paid Treasurer | | \$2,420 63 |

Interest.

| | | |
|---|-------------|-------------|
| Real estate taxes, 1914..... | \$ 5,298 42 | |
| Poll and personal taxes, 1914..... | 23 54 | |
| December taxes, 1914..... | 88 | |
| Real estate and personal taxes, 1915 | 5,523 49 | |
| Poll taxes, 1915 | 104 59 | |
| December taxes, 1915 | 123 43 | |
| Taxes of 1916 | 444 18 | |
| Sewer assessments | 393 11 | |
| Sewer apportionments paid in ad- vance | 39 86 | |
| Sewer connections | 22 78 | |
| Sewer connections apportionments paid in advance | 11 73 | |
| Sidewalk assessments | 93 69 | |
| Sidewalk apportionments paid in advance | 2 50 | |
| Betterment assessments | 169 39 | |
| Betterment apportionments paid in advance | 4 39 | |
| | <hr/> | |
| | \$12,255 98 | |
| Paid Treasurer | | \$12,255 98 |

Accrued Interest on Sewer Apportionments.

| | | |
|------------------------------------|----------|----------|
| Uncollected Jan. 1, 1916..... | \$228 74 | |
| Warrant for 1916 | 312 12 | |
| Supplementary warrant for 1915.... | 36 | |
| Collected and paid Treasurer..... | | \$344 48 |
| Abated | | 22 |
| Uncollected Jan. 1, 1917..... | | 196 52 |
| | <hr/> | <hr/> |
| | \$541 22 | \$541 22 |

Accrued Interest on Sewer Connection Apportionments.

| | | |
|-----------------------------------|----------|----------|
| Uncollected Jan. 1, 1916..... | \$ 78 33 | |
| Warrant for 1916 | 166 60 | |
| Collected and paid Treasurer..... | | \$161 00 |
| Uncollected Jan. 1, 1917..... | | 83 93 |
| | <hr/> | <hr/> |
| | \$244 93 | \$244 93 |

Accrued Interest on Sewer Connections Added to Taxes.

| | | |
|-----------------------------------|----------|----------|
| Uncollected Jan. 1, 1916..... | \$118 55 | |
| Warrant for 1916..... | 130 93 | |
| Collected and paid Treasurer..... | | \$138 25 |
| Uncollected Jan. 1, 1917..... | | 111 23 |
| | <hr/> | <hr/> |
| | \$249 48 | \$249 48 |

Accrued Interest on Sidewalk Apportionments.

| | | |
|-----------------------------------|----------|----------|
| Uncollected Jan. 1, 1916..... | \$ 72 48 | |
| Warrant for 1916..... | 111 24 | |
| Collected and paid Treasurer..... | | \$121 06 |
| Uncollected Jan. 1, 1917..... | | 62 66 |
| | <hr/> | <hr/> |
| | \$183 72 | \$183 72 |

Accrued Interest on Betterment Apportionments.

| | | |
|-----------------------------------|----------|----------|
| Uncollected Jan. 1, 1916..... | \$ 1 86 | |
| Warrant for 1916..... | 56 46 | |
| Collected and paid Treasurer..... | | \$ 50 35 |
| Uncollected Jan. 1, 1917..... | | 7 97 |
| | <hr/> | <hr/> |
| | \$ 58 32 | \$ 58 32 |

Total Collections.

| | |
|--|--------------|
| Taxes | \$649,950 62 |
| Street watering | 15,623 95 |
| Gypsy and brown-tail moths..... | 1,101 34 |
| Sewer assessments | 8,395 11 |
| Sewer apportionments | 2,659 07 |
| Sewer apportionments paid in advance | 389 84 |
| Sewer connections | 3,717 28 |
| Sewer connection apportionments, | 1,331 09 |
| Sewer connection apportionments paid in advance..... | 256 36 |
| Sewer connections added to taxes. | 3,689 03 |
| Sidewalk assessments | 1,891 78 |
| Sidewalk apportionments | 1,113 69 |
| Sidewalk apportionments paid in advance | 48 22 |
| Betterment assessments | 3,822 46 |
| Betterment apportionments | 624 10 |
| Betterment apportionments paid in advance | 133 55 |
| December taxes | 7,618 24 |
| Interest on taxes and assess- ments | 12,255 98 |
| Costs and fees | 2,420 63 |
| Accrued interest on sewer appor- tionments | 344 48 |
| Accrued interest on sewer con- nection apportionments | 161 00 |
| Accrued interest on sewer connec- tions added to taxes..... | 138 25 |
| Accrued interest on sidewalk ap- portionments | 121 06 |
| Accrued interest on betterment apportionments | 50 35 |
| Water connections | 4,145 95 |
| Sidewalk applications | 1,133 83 |

| | | | |
|---------------------------------|----|--------|----|
| Sewer construction special..... | \$ | 9 | 38 |
| Water service | | 81,646 | 99 |
| Care of cemeteries..... | | 1,166 | 30 |
| Miscellaneous collections | | 53,134 | 48 |

Total amount collected from Jan.

1, 1916 to Jan. 1, 1917.....

\$859,099 41

Uncollected.

| | | |
|-----------------------------------|-----------|----|
| Taxes | \$294,894 | 33 |
| Street watering | 7,157 | 91 |
| Gypsy and brown-tail moths..... | 525 | 73 |
| Mosquito assessments | 3,481 | 72 |
| Sewer assessments | 10,153 | 01 |
| Sewer apportionments | 1,594 | 75 |
| Sewer connections | 6,060 | 65 |
| Sewer connection apportionments, | 622 | 00 |
| Sewer connections added to taxes, | 3,015 | 68 |
| Sidewalk assessments | 525 | 02 |
| Sidewalk apportionments | 496 | 30 |
| Betterment assessments | 2,055 | 09 |
| Betterment apportionments | 132 | 65 |
| December taxes | 8,585 | 35 |
| Accrued interest on sewer assess- | | |
| ments | 196 | 52 |
| Accrued interest on sewer connec- | | |
| tion apportionments | 83 | 93 |
| Accrued interest on sewer connec- | | |
| tions added to taxes..... | 111 | 23 |
| Accrued interest on sidewalk ap- | | |
| portionments | 62 | 66 |
| Accrued interest on betterment | | |
| apportionments | 7 | 97 |
| Water connections | 2,293 | 51 |
| Sidewalk applications | 1,303 | 19 |
| Sewer construction special..... | 2 | 28 |
| Almshouse or City Home..... | 53 | 58 |

| | |
|--|-----------|
| Collection of ashes..... | \$ 240 00 |
| Collection of house offal..... | 800 00 |
| Contagious diseases | 493 17 |
| Engineering dept. expenses..... | 1 44 |
| General expenses, School dept... | 387 00 |
| General repairs of highways..... | 601 69 |
| Income from estates taken for taxes | 22 50 |
| Infantile paralysis | 32 00 |
| Gypsy and brown-tail moths..... | 13 69 |
| Miscellaneous credits | 59 78 |
| Outside relief | 1,201 34 |
| Sewer construction | 107 58 |
| Sewer maintenance | 50 35 |
| Sidewalks and edgestones | 42 04 |
| Surface drains | 8 50 |
| Trees | 3 00 |
| Watering streets | 8 70 |

Total amount uncollected Jan. 1,
1917 \$347,487 84

Under Chapter 13 of the Revised Laws as amended by
Chapter 443 of the Acts of 1902 for the Redemption of Tax
Titles:—

| | | |
|----------------------------------|-------------------|-------------------|
| Collected during 1916..... | \$1,576 52 | |
| Paid city | | \$ 28 00 |
| Paid parties holding titles..... | | 1,548 52 |
| | <u>\$1,576 52</u> | <u>\$1,576 52</u> |

Respectfully submitted,

EDWARD W. HAYES,

City Collector.

Report of the Inspector of Animals

Medford, Mass., Jan. 1, 1917.

Hon. Benjamin F. Haines,
Mayor of the City of Medford.

Dear Sir:—

Following is a report of the work done by me as Inspector of Animals for the City of Medford for year ending December 31, 1916.

Tuberculosis: During the past year tuberculosis was found to exist in cattle on five different premises, one cow being found on each premises. These cattle were condemned and killed under State supervision and the premises occupied by same were cleansed and disinfected by the owners. Instructions were received from the State Department of Animal Industry to the effect that Inspectors of Animals must revisit premises, where tuberculosis has been found to exist, three months after the disease is found and make careful physical examination of such cattle as may be on premises at time of visit. I accordingly visited the five places mentioned above and made physical examination of twenty-eight head of cattle but failed to find any further indication of disease. Two cows were brought into the city from out of the State and were examined and released.

Glanders: The city was very fortunate in having had only one case of glanders within its boundaries during the year. This horse had only been in the city three days, having been bought at auction in Boston. I believe the reduction in the number of glander cases is due mostly to the fact that all watering troughs in Boston, Somerville, Cambridge, Malden, Chelsea and Medford have been closed for

MEDFORD HISTORICAL SOCIETY.

ac. 2814

REPORT OF INSPECTOR OF ANIMALS

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the past two years thereby eliminating a great source of contagion. One horse reported as suspected of having the disease proved upon test not to be affected.

Mange: Four horses affected with mange were moved to Medford from Jamaica Plain. These horses were placed under quarantine and remained so until the disease was cured when they were released.

Rabies: Only two cases of rabies in dogs were found during the year. One dog bit three persons, all of whom took the Pasteur treatment. Both of these animals were stray dogs, the owners not being located, one of them coming into Medford from direction of Malden. One of these dogs was supposed to have bitten a dog which was immediately placed in quarantine and kept under observation for ninety days when it was released. Five persons were reported bitten by dogs and the dogs were kept under observation for fourteen days and released.

Inter-State Horses. State regulations are still in force requiring a permit in order to bring horses into Massachusetts from New York, Rhode Island and Connecticut. Under this regulation about thirty horses were brought into Medford from these states and were examined and released as free from symptoms of contagious disease. Most of these horses were received at Combination Park, being race horses.

Barn Inspection. Owing to the bad weather during February and March the annual inspection was somewhat delayed. Forty barns were inspected, containing 207 head of cattle, 922 swine and 8 sheep. The condition of premises where cattle are kept continues to improve from year to year; recommendations were, however, made at nine stables for improvements, all of which were complied with.

Respectfully submitted,

HARRIE W. PEIRCE, M.D.V.,

Inspector of Animals.

Report of the Highway Department

Medford, January 2, 1917.

Hon. Benjamin F. Haines,
Mayor of Medford.

Dear Sir:—

In response to your request, and in compliance with the City Charter, I submit the following report of the work in the Highway, Gypsy and Brown Tail Moth Departments, for the fiscal year 1916:

City Stables and Yard.

I again recommend the purchase of the land adjoining the yard, as we are unable to store any surplus materials, and when buildings are erected for the steam-rollers and the trucks, we shall be almost entirely without space.

Bridges.

I wish to again call your attention to the bridge at Winthrop and South streets, which is in a very bad condition.

A new bridge should be built as early as possible.

Signs are posted on the bridge, stating the dangerous condition.

Collection of Ashes.

New buildings and the increased distance for hauling to

the dumps, which is becoming a serious problem in the eastern and western sections of the city, mean a larger increase each year in the expenditure.

The following schedule shows the increase for the past few years:

| YEAR | Single Loads | Double Loads | Truck Loads |
|-------|--------------|--------------|-------------|
| 1911 | 8,400 | 148 | |
| 1912 | 9,534 | 226 | |
| 1913 | 9,693 | 156 | |
| 1914 | 11,639 | 734 | 113 |
| 1915 | 12,301 | 1,573 | 171 |
| 1916 | 13,565 | 2,315 | 242 |
| PAPER | | | |
| 1915 | 1,055 | 15 | |
| 1916 | 1,075 | 12 | |

Bridges.

| | | |
|---------------|----------|-----------------|
| Appropriation | | \$200 00 |
| Payroll | \$ 91 19 | |
| Lumber | 108 81 | |
| | | <u>\$200 00</u> |

Collection of Ashes.

| | |
|----------------|--------------------|
| Appropriations | \$14,000 00 |
| Henry Risman | 576 00 |
| | <u>\$14,576 00</u> |

| | | |
|-------------------|-------------|--------------------|
| Payroll | \$11,674 14 | |
| Teaming | 2,630 54 | |
| Tools and repairs | 241 97 | |
| Miscellaneous | 29 35 | |
| | | <u>\$14,576 00</u> |

Collection of Offal.

| | |
|--------------------|-------------------|
| Balance from 1915 | \$ 19 29 |
| Appropriations | 7,500 00 |
| Mrs. Mary Cummings | 2,400 00 |
| | <u>\$9,919 29</u> |

| | | |
|------------------------|-------------|------------|
| Payroll | \$ 7,987 95 | |
| Teaming | 1,737 67 | |
| Tools and repairs..... | 157 00 | |
| Miscellaneous | 36 67 | |
| | | \$9,919 29 |

Collection of House Offal.

In this division there is also a large increase, both in the amount of the collections and in the distance of the cartage, which used to be to the City Yard, but now to the City Ledge.

A new Receiver should be built to receive the offal, as the present arrangement is only temporary and unsatisfactory.

The following schedule shows the increase in the collection of offal, for the past few years:—

| Year. | Loads. |
|------------|--------|
| 1911 | 1,950 |
| 1912 | 2,053 |
| 1913 | 2,144 |
| 1914 | 2,221 |
| 1915 | 2,350 |
| 1916 | 2,635 |

Gypsy and Brown Tail Moths

This department is taking due care in this work, and I think the results shown are equal to any neighboring city.

General Repairs of Highways.

All streets throughout the city were repaired in the early spring and during the year.

This account has to carry a large amount of work, part of which does not show, such as cleaning drains, basins, snow work, etc.; in fact, everything outside of new work.

Every street in the city was cleaned during April, and daily work done by the section men, costing approximately six thousand dollars.

There were removed one thousand eighty-five single loads and one thousand eight hundred twenty-three double loads of street cleanings, during the year.

General Repairs of Highways.

| | | |
|-----------------------------|-------------|-------------|
| Balance from 1915..... | | \$ 484 61 |
| Appropriations | | 14,000 00 |
| Franchise tax | | 11,224 69 |
| Miscellaneous credits | | 16,167 18 |
| | | <hr/> |
| | | \$41,876 48 |
| Payroll | \$28,197 94 | |
| Bills | 13,393 91 | |
| | <hr/> | \$41,591 85 |
| Balance | | \$ 284 63 |

General Repairs of Highways Payroll Itemized.

| | |
|------------------------|-------------|
| Care of stable..... | \$ 4,242 61 |
| Catch basins | 201 76 |
| Cleaning streets | 1,677 72 |
| Crusher | 10,016 82 |
| Patching streets | 3,586 41 |
| Section men | 4,195 96 |
| Miscellaneous | 4,276 66 |
| | <hr/> |
| Total payroll | \$28,197 94 |

General Repairs of Highways Bills Itemized.

Crusher maintenance:

| | |
|-------------------------|------------|
| Coal | \$ 736 12 |
| Tools and repairs | 696 99 |
| Dynamite | 323 00 |
| Miscellaneous | 77 81 |
| | <hr/> |
| | \$1,833 92 |

Forage and veterinary:

| | | |
|---------------------------|------------|------------|
| Hay | \$2,878 39 | |
| Oats | 2,452 54 | |
| Miscellaneous feeds | 178 99 | |
| Veterinary | 130 00 | |
| | <hr/> | \$5,639 92 |

Office expenses:

| | | |
|----------------------------|-----------|----------|
| Telephone | \$ 128 29 | |
| Stationery, etc. | 51 15 | |
| Repairs on typewriter..... | 15 00 | |
| Medford Directory | 3 00 | |
| | <hr/> | \$197 44 |

Roller expenses:

| | | |
|-------------------------|-----------|----------|
| Repairs on rollers..... | \$ 154 11 | |
| Miscellaneous | 10 00 | |
| | <hr/> | \$164 11 |

Stable maintenance:

| | | |
|---|------------|------------|
| Repairs on wagons, harnesses, automobiles; oils and gasoline.. | \$2,514 53 | |
| Coal | 199 30 | |
| Lighting | 124 80 | |
| Stock | 110 81 | |
| Water | 60 80 | |
| Telephone | 48 45 | |
| Towels | 2 00 | |
| | <hr/> | \$3,060 69 |

Tools and equipments:

| | |
|-----------------------------|----------|
| New stock and repairs..... | \$929 36 |
| Car (part) and freight..... | 341 60 |
| Shoeing materials | 305 23 |

| | | |
|---------------------------|--------|------------|
| Gasoline, oils, etc. | 304 70 | |
| Repairs on pavement | 203 06 | |
| Insurance | 172 90 | |
| Lumber | 164 98 | |
| Miscellaneous | 41 00 | |
| Sale | 17 00 | |
| Bicycle | 10 00 | |
| Cleaning pipe | 5 57 | |
| Engineering labor | 2 43 | |
| | <hr/> | \$2,497 83 |

Patching Streets.

| Street. | Crushed stone pounds. |
|------------------------|--------------------------|
| Adams street | 18,510 |
| Albion street | 13,050 |
| Allston street | 104,920 |
| Almont street | 14,180 |
| Arlington street | 58,370 |
| Ashland street | 5,800 |
| Auburn street | 101,340 |
| Boston avenue | 206,420 |
| Bow street | 6,400 |
| Bower street | 13,150 |
| Bradlee road | 6,000 |
| Brookings street | 6,170 |
| Brooks street | 270,060 |
| Canal street | 29,450 |
| Central avenue | 50,670 |
| Century road | 87,730 |
| Chandler street | 6,600 |
| Cherry street | 100,950 |
| Clayton avenue | 5,870 |
| College avenue | 25,020 |
| Cross street | 6,790 |
| Crusher road | 87,470 |
| Dearborn street | 7,200 |

| | |
|------------------------------|-----------|
| Dexter street | 10,930 |
| Edward street | 7,200 |
| Fairfield street | 6,150 |
| Fifth street | 13,670 |
| Franklin street | 7,000 |
| Fulton street | 7,200 |
| George street | 31,430 |
| Gorham road | 620 |
| Greenleaf avenue | 6,350 |
| Grove street | 13,450 |
| Hancock street | 32,860 |
| Harvard avenue | 42,960 |
| Harvard street | 72,350 |
| Hicks avenue | 6,600 |
| High street | 9,010 |
| Hillsdale road | 11,480 |
| Holton street | 5,400 |
| Intervale avenue | 6,050 |
| Jerome street | 4,100 |
| Lambert street | 20,200 |
| Laurel street | 44,700 |
| Madison street | 11,700 |
| Main street | 160,250 |
| Marion street | 42,220 |
| Marshall street | 6,810 |
| Medford square | 2,550 |
| Medford street | 23,560 |
| Middlesex avenue | 503,080 |
| Miscellaneous patching | 3,411,012 |
| Monument street | 6,000 |
| Morton avenue | 6,770 |
| Myrtle street | 31,030 |
| Mystic avenue | 5,450 |
| Mystic street | 57,440 |
| Newbern avenue | 32,800 |
| North street | 6,130 |
| Orchard street | 23,580 |
| Otis street | 12,580 |

| | |
|-------------------------------|--------------------------------------|
| Paris street | 6,730 |
| Park street | 18,840 |
| Pearl street | 6,090 |
| Pembroke street | 6,500 |
| Playstead road | 469,680 |
| Prescott street | 6,150 |
| Quincy street | 68,360 |
| Riverside avenue | 868,450 |
| Royal street | 29,670 |
| Salem street | 266,780 |
| Salem and Spring streets..... | 182,650 |
| Sherman street | 37,290 |
| Spring street | 41,380 |
| Stearns avenue | 11,410 |
| Stone sold | 1,600,740 |
| Summer street | 6,470 |
| Swan street | 26,300 |
| Terrace road | 5,170 |
| Thatcher street | 5,800 |
| Valley street | 19,900 |
| Vernon street | 17,200 |
| Walnut street | 12,960 |
| Wareham street | 6,600 |
| Warren street | 251,210 |
| Washington street | 26,250 |
| Water street | 6,050 |
| West street | 30,640 |
| Winthrop street | 861,600 |
| Woburn street | 128,280 |
| Wyman street | 18,000 |
| Yale street | 5,900 |
| <hr/> | |
| Total | 10,983,842 lbs. or 5,491.921 tons |

Guide Boards and Street Signs.

There are a large number of new street signs needed and old ones to be replaced.

Twenty-six signs have been placed during the past year, as follows:—

| | |
|---------------------------|--------------------|
| Single. | Spring street |
| Almont street | Sheridan avenue |
| Grant avenue, private way | Warner street |
| Grant avenue | Wyman street |
| Hancock avenue | Double. |
| High street | Bradlee road |
| Holton street | Johnson avenue (2) |
| Hooker street | Henry street |
| Marston street (2) | Lambert street |
| Mason street | Second street |
| Newport avenue | Winchester street |
| "Danger School" signs, 4. | |

Forest Street.

| | | |
|-------------------------|------------|------------|
| Balance from 1915..... | | \$4,735 58 |
| Payroll | \$3,368 11 | |
| Oils | 1,273 37 | |
| Crushed stone | 58 25 | |
| Engineering labor | 35 85 | |
| | | <hr/> |
| | | \$4,735 58 |

Guide Boards and Street Signs.

| | | |
|-----------------------------|----------|-----------|
| Appropriation | | \$ 100 00 |
| Miscellaneous credits | | 32 27 |
| | | <hr/> |
| | | \$ 132 27 |
| Payroll | \$ 39 27 | |
| Signs, etc. | 93 00 | |
| | | <hr/> |
| | | \$ 132 27 |

Sidewalks and Edgestones.

Too much of sidewalk work cannot be done, as good sidewalks of a permanent nature are a credit to the city and desirable at all times.

Sidewalks and edgestones have been laid this year, as follows:—

| Ward | Edgestone Feet | Brick or Granolithic Square Yards |
|--------------------|-------------------|---|
| 1 | 9354 | 2755 |
| 2 | 2173 | 799 |
| 3 | 1341 | 515 |
| 4 | 6009 | 800 |
| 5 | 10668 | 3919 |
| 6 | 11260 | 1446 |
| 7 | 3100 | 55 |
| Total | 43905 | 10289 |

Granolithic Walks Built in 1916.

- Harvard street.
- Main street, from Harvard street to Wareham street.
- Malden street, both sides.
- Marion street, full length.
- Sheridan avenue, from Central avenue to Salem street.

Sidewalks and Edgestones.

| | |
|--------------------------------------|-------------|
| Balance from 1915 | \$ 277 47 |
| Appropriations | 54,000 00 |
| Sidewalks put in on application..... | 1,811 41 |
| Apportionments paid in advance..... | 901 77 |
| Sidewalks apportioned | 1,057 31 |
| Miscellaneous credits | 442 06 |
| | <hr/> |
| | \$58,490 02 |

| | | |
|-------------------------|-------------|-------------|
| Payroll | \$15,842 27 | |
| Edgestone | 14,829 00 | |
| Granolithic work | 6,979 44 | |
| Teaming | 2,087 48 | |
| Cement | 1,669 92 | |
| Crushed stone | 1,238 76 | |
| Engineering labor | 899 16 | |
| Tar work | 797 25 | |
| Sand | 601 50 | |
| Stock and tools..... | 485 44 | |
| Gasoline and oils..... | 443 26 | |
| Truck hire | 128 12 | |
| Car payment | 125 00 | |
| Pipe rail | 104 00 | |
| Concrete work | 90 10 | |
| Sidewalk refund | 86 00 | |
| Transfer | 58 89 | |
| Cinders | 50 50 | |
| Lumber | 11 93 | |
| Miscellaneous | 10 00 | |
| Loam | 8 75 | |
| Tar rok | 4 50 | |
| Abatements | 37 20 | |
| | | <hr/> |
| | | \$45,499 07 |
| Balance | | <hr/> |
| | | \$12,890 95 |

Sidewalks Ordered in During 1916.

| STREET | Edgestones | | Granolithic Sq. Yds. | Corner Blocks |
|------------------------|------------------|----------------|-------------------------|------------------|
| | Straight feet | Circle feet | | |
| Almont street | 1,034.6 | 49.2 | ..... | .. |
| Brookings street | 1,333. | 37.6 | ..... | .. |
| Dartmouth street | 711.3 | 200.9 | ..... | .. |
| Forest street | 195. | ..... | ..... | 1 |
| Hancock avenue | 215.1 | ..... | 210.75 | 2 |
| Harvard avenue | 280. | ..... | ..... | .. |
| Harvard street | 1,070. | 116.7 | 1,307.26 | .. |
| High street | 1,407.9 | 227.6 | ..... | 1 |
| Hillsdale road | 1,648. | 125.7 | ..... | .. |
| Lambert street | 1,545.7 | 152.5 | ..... | .. |
| Malden street ..... | ..... | ..... | 566.73 | .. |
| Main street | 422.4 | 17.2 | 248.31 | .. |
| Marion street | 2,366.9 | 21.3 | 1,477.17 | .. |
| Marshall street | 1,741. | 132.2 | ..... | .. |
| Newcomb street | 248. | 5.2 | ..... | .. |
| Park street | 825. | ..... | ..... | .. |
| Quincy street | 313. | 23.5 | ..... | .. |
| Second street | 1,704. | 26.7 | ..... | .. |
| Sheridan avenue ..... | ..... | ..... | 638.5 | .. |
| Woburn street | 522. | 114.0 | ..... | .. |
| | <u>17,582.9</u> | <u>1,251.2</u> | <u>4,538.72</u> | <u>4</u> |

Straight edgestone17,582.9 feet
 Circle edgestone1,251.2 feet
 Granolithic4,538.72 square yds.
 Corner blocks4

Sidewalks Built on Petition.

| STREET | Edgestone | | Sidewalk | |
|---------------------------|-----------|--------|-------------|-------------|
| | straight | circle | granolithic | brick |
| | feet | | square | yds. |
| Arlington avenue | | | 29.1 | |
| Central avenue | 172. | | 131.97 | |
| Cottage street | 30. | | | |
| Dexter street | 34. | | | |
| Farragut avenue | | | 49. | |
| Forest street | | | 112.3 | |
| Garfield avenue | 99. | | 60. | |
| Marshall street | 119. | | | |
| Medford street | 31.2 | | 43.86 | |
| Mystic street | | | 27.1 | |
| Pembroke street | 95.1 | | 68.84 | |
| Quincy street | 132.6 | | | |
| Summit road | 66. | | 46.8 | 61.66 |
| Sagamore avenue | 464. | | | |
| Salem street | | | 83.33 | |
| Spring street | 73.6 | 136. | 241.9 | |
| Warren street | 80. | | 49.3 | |
| Webster street | | | 64.8 | |
| Winter Hill road | | | 31. | |
| Wolcott street | 89. | | | |
| Wyman street | 89. | 26.7 | | |
| | 1,574.5 | 162.7 | 1,010.2 | 90.76 |
| Straight edgestones | | | 1,574.5 | feet |
| Circle edgestone | | | 162.7 | feet |
| Granolithic walks | | | 1,010.2 | square yds. |
| Brick walks | | | 90.76 | square yds. |

Sidewalks Built Under Original Construction in 1916.

| STREET | Edgestones | |
|--------------------------|------------|---------|
| | straight | circle |
| | feet | |
| Emerald street | 406.6 | |
| Fells avenue | 1,053. | |
| Gleason street | 753. | 17.7 |
| Johnsop avenue | 1,672. | 566.5 |
| Malden street | 849.2 | |
| Marston street | 1,764. | 53.4 |
| Pinkert street | 1,619. | 107.6 |
| Second street | 1,105. | 106.9 |
| Surrey street | 972.3 | 161.1 |
| Wicklow avenue | 985.2 | 188. |
| Wright avenue | 1,257. | 53. |
| Total | 12,436.3 | 1,254.2 |
| Straight edgestone | 12,436.3 | |
| Circle edgestone | | 1,254.2 |
| Total, | 13,690.5 | |

Sidewalks.

| | Crushed stone pounds |
|------------------------|-------------------------|
| Adams street | 7,550 |
| Allston street | 1,150 |
| Almont street | 44,300 |
| Benham street | 35,480 |
| Boston avenue | 23,150 |
| Brookings street | 98,140 |
| Central avenue | 47,950 |
| Chandler road | 2,250 |
| Clayton avenue | 33,800 |
| Dartmouth street | 7,050 |
| Dexter street | 51,360 |
| Ellis avenue | 8,150 |
| Everett street | 6,700 |
| Fountain street | 7,100 |
| Fourth street | 19,900 |
| Golden avenue | 7,400 |
| Hancock avenue | 15,050 |
| Hancock street | 20,200 |
| Harvard avenue | 6,450 |
| Hastings lane | 8,400 |
| High street | 32,710 |
| Hillsdale road | 167,360 |
| Hillside avenue | 5,000 |
| Jerome street | 7,830 |
| Lambert street | 21,900 |
| Madison street | 7,400 |
| Main street | 72,900 |
| Marion street | 70,050 |
| Marshall street | 121,870 |
| Medford street | 11,900 |
| Middlesex avenue | 76,700 |
| Miscellaneous | 259,360 |
| Monument street | 15,000 |
| Morton avenue | 11,750 |
| Newcomb street | 8,400 |

| | |
|-------------------------|------------------|
| North street | 16,160 |
| Park street | 34,200 |
| Park street court | 6,700 |
| Playstead road | 19,520 |
| Powder House road | 3,580 |
| Quincy street | 47,970 |
| Sagamore avenue | 112,230 |
| Salem street | 6,300 |
| Sayso road | 7,550 |
| Second street | 144,160 |
| Sharon street | 28,300 |
| Sherman street | 7,190 |
| Spring street | 13,550 |
| Tainter street | 16,250 |
| Vernon street | 1,330 |
| Wareham street | 6,950 |
| Warner street | 7,900 |
| Warren street | 24,700 |
| Water street | 6,620 |
| Webster street | 8,050 |
| Williams street | 15,950 |
| Winthrop street | 2,350 |
| Woburn street | 67,450 |
| Wolcott street | 14,990 |
| Wyman street | 20,400 |
| Total | 1,982,010 |
| | 991.005 tons |

| Summary of Stone. | Pounds. | Tons |
|-----------------------------|-------------------|-------------------|
| Patching streets | 10,983,842 | 5,491.921 |
| Patching sidewalks | 1,982,010 | 991.005 |
| Original construction | 6,456,313 | 3,228.1565 |
| Surface drains | 252,000 | 126.000 |
| Total | 19,674,165 | 9,837.0825 |

Gravel Sidewalks.

Gravel sidewalks are a continual expense every year, having to be top-dressed, or built up and then dressed.

Gravel Sidewalks.

| | |
|---------------------|-----------|
| Appropriation | \$ 600 00 |
| Payroll | \$ 558 38 |
| Teaming, etc. | 41 62 |
| | <hr/> |
| | \$ 600 00 |

Gypsy and Brown Tail Moths.

| | |
|-----------------------------|------------|
| Appropriations | \$2,000 00 |
| Balance from 1915..... | 431 64 |
| Assessment, 1916 | 943 57 |
| Miscellaneous credits | 362 64 |
| | <hr/> |
| | \$3,737 85 |
| Payroll | \$2,281 06 |
| Creosote | 298 26 |
| Tools and repairs..... | 138 09 |
| Miscellaneous | 76 63 |
| Abatement | 60 |
| | <hr/> |
| | \$2,794 64 |
| | <hr/> |
| Balance | \$ 943 21 |

Drainage.

New drains have been built this year, as follows:

| | |
|----------------|--------------------------------|
| Grant avenue | Marion street |
| Hancock street | Newbern avenue |
| Johnson avenue | Pinkert street |
| Malden street | Summer and Marston streets |
| | Valley street to Forest street |

All catch basins have been cleaned and are being cleaned, at the present time.

Each cleaning costs about seven hundred dollars, and shows very little in regard to street improvements.

Surface Drains.

| | | |
|-----------------------------|-------------|-------------|
| Balance from 1915 | | \$ 1,641 47 |
| Appropriations | | 21,000 00 |
| Miscellaneous credits | | 626 40 |
| | | <hr/> |
| | | \$23,267 87 |
| | | |
| Payroll | \$10,188 74 | |
| Pipe | 3,106 07 | |
| Frames, etc. | 1,199 69 | |
| Bricks | 822 72 | |
| Truck hire | 456 41 | |
| Cement | 451 02 | |
| Gasoline | 425 07 | |
| Tools | 413 13 | |
| Teaming | 340 55 | |
| Engineering labor | 192 88 | |
| Crushed stone | 157 50 | |
| Water dept., labor..... | 138 41 | |
| Auto repairs | 132 57 | |
| Kerosene | 78 35 | |
| Rubber boots | 39 75 | |
| Lumber | 29 22 | |
| Filling | 13 00 | |
| Miscellaneous | 7 00 | |
| | <hr/> | \$18,192 08 |
| | | |
| Balance | | \$ 5,075 79 |

New Surface Drains Built During 1916.

| STREET | Length in feet | No. of c. b. | No. of M. H. | Remarks |
|----------------------|-------------------|-----------------|-----------------|----------------------------|
| Forest street | 213 | 2 | 2 | New drain |
| Grant avenue | 118 | 2 | 1 | Relay |
| Hancock avenue | 547 | 6 | 2 | New drain |
| Hancock street | 432 | 4 | 2 | New drain |
| Johnson avenue | 233 | 3 | 4 | New drain |
| Malden street | 336 | 4 | 3 | New drain |
| Marion street | 800 | 4 | 3 | Relay |
| Newbern avenue | 689 | 9 | 3 | Part relay and part new |
| Summer street | 51 | 2 | 1 | New drain |
| Valley street | 656 | .. | 2 | New drain |
| Wicklow avenue | 542 | 6 | 3 | New drain |
| Total | 4617 | 42 | 26 | |

New drains built in 19164617 feet

New connections to drains.....1143 feet

Total 5760 feet

Original Construction of Streets

| | | |
|---------------------|-------------|--------------------|
| Appropriation | | \$45,810 43 |
| Payroll | \$15,929 66 | |
| Invoices | 22,216 24 | |
| | | <u>\$38,145 90</u> |
| Balance | | \$ 7,655 53 |

Invoices Itemized.

| | |
|---------------------------------|-----------------------------|
| Edgestone | \$ 8,671 00 |
| Crushed stone | 4,589 11 |
| Bituminous materials | 4,658 66 |
| Teaming | 1,141 21 |
| Civil engineering | 569 27 |
| Coal | 498 22 |
| Miscellaneous | 480 27 |
| Gasoline, kerosene, etc. | 463 09 |
| Pipe rail | 225 00 |
| Filling | 143 00 |
| New truck body | 130 00 |
| Tools | 240 02 |
| Lumber | 124 04 |
| Move house, Pinkert street..... | 80 00 |
| Lamp black | 78 08 |
| Use of truck | 63 00 |
| Street signs | 32 27 |
| Extra labor | 30 00 |
| | <u> </u> |
| Total | \$22,216 24 |

NEW STREETS BUILT DURING 1916.

| LOCATION | FROM | TO | Roadway Sq. Yds. |
|----------------------|------------------------|-------------------------|---------------------|
| Emerald street | Surrey street | Malden Line | 1300 |
| Forest street | Webster street | Top Kidder's Hill | 8942 |
| Grant avenue | Salem street | Fellsway West | 1730 |
| Harvard street | Dartmouth street | Winchester street | 3080 |
| Malden street | Surrey street | Malden Line | 1710 |
| Pinkert street | Central avenue | Lawrence street | 2375 |
| Surrey street | Malden street | Emerald street | 1915 |
| Wicklow avenue | Malden street | Emerald street | 1915 |
| Wright avenue | Main street | Willis avenue | 1850 |
| | | Total | 24,817 |

Street Watering and Oiling.

All streets, as ordered by the Board of Aldermen, were oiled, watered or tar coated.

The length of streets treated is about 48.09 miles; the area watered is about 799,813 square yards.

The usual measurements of frontages have been made, amounting to 437,714 feet or 82.90 miles; the rate being four cents per foot.

Watering Streets.

| | | | | | |
|-----------------------------|----|--------|--------|----|-------------|
| Balance from 1915..... | | \$ | 5 | 7 | 2 |
| Assessment, 1916 | | | 17,508 | 56 | |
| Miscellaneous credits | | | 781 | 80 | |
| | | | <hr/> | | \$18,296 10 |
| Payroll | \$ | 1,261 | 46 | | |
| Oils | | 15,561 | 16 | | |
| Tools, etc. | | 1,261 | 90 | | |
| Insurance | | 111 | 50 | | |
| Registrations | | 31 | 00 | | |
| Engineer labor | | 26 | 90 | | |
| Repairs | | 16 | 15 | | |
| Standpipe labor | | 4 | 41 | | |
| Abatements | | 28 | 09 | | |
| | | | <hr/> | | \$18,302 57 |
| Overdrawn | | \$ | 6 | 47 | |

Streets Curbed in 1916.

| | |
|------------------|----------------|
| Almont street | Marion street |
| Brookings street | Newcomb street |
| High street | Park street |
| Hillsdale road | Quincy street |
| Lambert street | Second street |

Streets Built in 1916.

| | |
|---|----------------|
| Emerald street | Johnson avenue |
| Forest street, completed | Malden street |
| Grant avenue extension | Pinkert street |
| Harvard street, from Winchester to Dartmouth Sts. | Surrey street |
| | Wicklow avenue |

Snow Removal.

There being no appropriation for the Snow Account this year, all labor, etc., in the care of snow had to be carried by the General Repairs of Highways account, which shows no returns for the money expended.

Trees.

There were two hundred (200) trees set out and protected in different sections of the city.

The usual spraying for the Elm Leaf Beetle was done, dead wood removed and trees trimmed.

Paving Gutters.

| | |
|----------------------|-----------|
| Appropriations | \$ 700 00 |
| Payroll | \$467 50 |
| Paving blocks | 232 50 |
| | <hr/> |
| | \$ 700 00 |

Stone Bounds.

| | |
|---------------------|----------|
| Appropriation | \$ 50 00 |
| Payroll | 50 00 |

Trees.

| | |
|-----------------------------|------------|
| Appropriation | \$1,100 00 |
| Miscellaneous credits | 35 43 |
| | <hr/> |
| | \$1,135 43 |

| | | |
|-----------------------|----------|------------|
| Payroll | \$929 78 | |
| Trees, etc. | 179 25 | |
| Sharpening saws | 26 40 | |
| | | \$1,135 43 |

Permits.

Permits to the number of six hundred and fifty-three have been issued this year, as follows:

| | | |
|---------------------------------------|-----|-----|
| Bay State Street Railway Company..... | 6 | |
| Boston Elevated Railway Company..... | 35 | |
| Boston & Maine Railroad..... | 3 | |
| Crossing sidewalks | 64 | |
| Erecting canopy | 3 | |
| Malden Electric Company: | | |
| Replace poles | 35 | |
| Locate poles | 25 | |
| Manhole and underground..... | 18 | |
| Straighten poles | 9 | |
| Discontinue poles | 6 | |
| Putting in service..... | 5 | |
| Remove poles | 2 | |
| Lamp connection | 2 | |
| Cementing poles | 2 | |
| Arc lights | 1 | |
| | | 105 |
| Malden & Melrose Gas Light Company: | | |
| New services | 196 | |
| Extending mains | 22 | |
| Cutting in tee | 17 | |
| Repairing leaks | 14 | |
| Repairing mains | 5 | |
| Relaying services | 4 | |
| New mains | 2 | |
| Testing mains | 2 | |
| Locating leaks | 2 | |
| Laying gas main..... | 1 | |
| | | 265 |

| | |
|--|-------|
| New England Telephone & Telegraph Company: | |
| Conduits and manholes | 34 |
| Replace poles | 24 |
| Underground connections | 19 |
| Remove poles | 7 |
| Straighten poles | 5 |
| Cutting and dropping poles..... | 2 |
| Building connections | 2 |
| Place reels | 1 |
| Place loading coil..... | 1 |
| Electrolysis tests | 1 |
| | — 96 |
| Occupy street and sidewalk..... | 63 |
| Move buildings | 11 |
| Move lunch cart | 1 |
| Move Steam Roller..... | 1 |
| | — 653 |
| Total | 653 |

Respectfully submitted,

HUGH G. KENNEDY,

Street Commissioner

Report of Trustees of Public Library

Medford, Mass., March 24, 1917.

Hon. Benjamin F. Haines,
Mayor of Medford.

Sir:

The trustees of the public library herewith present their annual report for the year 1916:

The work of the library has been carried on as usual and we believe to the satisfaction of our patrons.

Our great handicap is the lack of funds with which to successfully prosecute our work.

So large a part of our appropriation is at present used up by the necessary expenses that we are unable to purchase all the books that we really need in order to comply with the ordinary demands of our borrowers.

Many libraries have endowments, but with the exception of three small funds we are not thus favored.

We should also be able to establish more suitable branches in the remote districts of the city and thereby reach more of our citizens.

This is being done in many other cities and Medford should soon follow suit and thus keep abreast of the times.

In these days of high prices we ought to increase the salaries of our attendants. Some of them have been receiving for years the same compensation and more should be given them at this time.

Our buildings, while in need of constant repair, are kept in presentable condition, although at considerable expense.

The library has been open on Sundays the past year and

MEDFORD HISTORICAL SOCIETY.

ac. 2814.

the convenience has been appreciated by many, but we do not think those of our citizens for whom this privilege was primarily intended have been the ones to avail themselves of the opportunity thus afforded.

However, so long as we are given the needed funds we are glad to give the benefits of our institution to the public on Sundays as well as on other days.

For the details of our work we refer you to the following report of the librarian:

Report of the Librarian.

To the Trustees of the Medford Public Library:

Gentlemen:—I herewith present my seventh annual report, the sixty-first report of the library. The library was open during the year 1916, 330 days; 60 hours per week for six months of the year, and 57 hours per week during the warm months; 1,261 new registrations were received and 247 re-registrations; in all, 1,508. The approximate number of people now registered is about 8,000. While this represents only a small proportion of the population, it must be recognized that in no sense does it represent the number of people to whom the library is of use. Each book taken is undoubtedly read by other members of a family, who can not or will not take time to come to the library, while many patrons of the Reading Room use only that department, and are not required to register.

Sunday Opening.

The two experiments started in 1916 have now had a full year's trial and the results of these two experiments, Sunday opening and the establishment of the Wellington Branch, are here given. Registration on Sunday afternoon indicates that those whom the library hoped to reach have not responded to any great extent. Very little reference work is asked for and books are exchanged almost entirely by those who can and do come to the library on week days. Of the 360 people who registered during the year, only 63

came more than once, 106 were High and Grammar school pupils, 19 were professedly from other towns. Attendance varied in number and character according to the weather. The smallest number on any one day was 17, the largest 89. On warm and pleasant days the attendance was very slight, on cold and stormy days the rooms are filled with the disorderly and mischievous, who have frequently to be sent out. There are also visitors from out of town, who in taking their Sunday walks find the library a pleasant place to rest in. The question now is whether the good accomplished warrants the expense.

Wellington Deposit Station.

A large increase of circulation in the Wellington District over that of the last few years gives definite assurance that this deposit station was badly needed. It is possible that the best service that could be expected under the circumstances has been given. The library has been obliged to incur unexpected expenses of transportation, owing to the illness and death of Mr. Atwood, who planned to assume this responsibility, as well as the expense of the attendant, which it was understood the Wellington Improvement Association would assume. The conduct of this station proves conclusively the inadvisability of employing any but trained attendants. Constant misunderstandings and misuse of privileges occur, and the treatment of books and magazines is not properly cared for. As an entering wedge to test the need of a station in this section the use of the present quarters seems amply justified; as permanent headquarters, however, they are altogether inadequate. The same amount of salary paid to an apprentice would secure service on a par with that in the main library and at the same time fit such attendant for work in some other library when her term of apprenticeship expires. This privilege was offered to the present attendant at the beginning of the year, and declined by her, with the result that the library is the inevitable sufferer.

Circulation and Work.

103,695 books were circulated in 1916, as follows: 53,826 through the main library and delivery stations, 21,080 from the Children's Room, 26,213 through the schools, 2,577 through the new Wellington deposit station. The library now numbers 50,548 volumes. 1,918 volumes were added by purchase, 252 by gift and 104 from the Reading Room. 633 books too worn for further use have been discarded. These did not represent the wear and tear of one year, but an accumulation largely from the Children's Room, which had been set aside until the librarian could spare a few hours to pass upon their condition. 19 books from houses where there had been contagious diseases were also condemned, and 48 have been lost.

The work of the library is much hampered by the lack of a sufficient number of competent assistants. The routine work of the library is carried on by only four assistants, who besides the duties incident to the position which each holds, are obliged to collate books and periodicals for both circulating and binding, to hunt up references for all who come with requests, or ask for such service by mail or telephone, to repair every book circulated, to prepare the new books by pasting in dating slips, book plates and book pockets, marking the books so that each may be placed and found in its proper order, to keep the shelves in order, select books for the five delivery stations or for any individual who would like such assistance, instruct in the use of the catalog, to send out overdue and reserve notices and donation acknowledgments, attend to the registration, repair books from the Wellington station and as often as may be visit it. I doubt if any other library of 50,000 volumes is obliged to carry on its work with so small a force, the work of the other two members of the staff not being included in this routine work.

Headings have been written on 4,028 Library of Congress printed catalog cards and 687 cards have been written. 1,513 overdue cards, 344 reserve cards and 483 acknowledgment cards have been sent. 3,139 books have been

thoroughly mended, 1,456 collated, 15,883 lettered, 17,809 covered and 727 washed. With the present high price of paper it would seem a fitting time to give up the ancient practice of covering books, and adopt the more modern method of coating books when first circulated with a thin coating of shellac and wax which is permanent, and has not to be done over and over as the figures of covering above indicate.

The largest expenditure for repairs aside from the changes in the Children's Room, for which an extra appropriation of \$100.00 was given, was on account of the settling of the floor in the stack room, and the consequent damage to the glass floor above. The lesson learned from this may prove profitable in continuing the glass floor, which has now become an immediate necessity. Books in both the back room and in the room on the second floor are now stacked two deep and it is difficult to find them when wanted.

Now that our library has passed the 50,000 mark, it would seem questionable whether or not to admit the public, more especially the aimless and irresponsible public, to our entire collection. If more space can be assigned to open shelves of new books and some restriction of admittance to the entire library, we may possibly thereby provide the ounce of prevention which is worth the pound of cure. The change in the character of the population of Medford seems to necessitate some such provision, since so small a force as we now have cannot properly supervise the entire stack. A comparison of losses and mutilations in different classes have led us to question whether a knowledge and love of science and technology are compatible with a moral sense, since it is in these classes that damage to books is most conspicuous.

We are having numerous requests for works of music. It is possible that some overstocked music rooms in our community might help to supply our own deficiency.

Children's Room.

Changes made in the Children's Building have been the important event of our work this year. The class room pro-

vided for story telling on the second floor, with its separate entrance from the outside, marks a forward step. Miss Clark reports well attended and interested audiences to her Saturday afternoon talks. We are open to offers of outside help in this direction, and hope that during the coming year some of our gifted citizens may respond to this appeal. There must be, in our city, specialists in one direction or another who can give an afternoon to the entertainment and instruction of the children.

The enlargement of the Delivery Room has made the work much more satisfactory in providing better ventilation and in making the supervision of the room less difficult. The confusion attendant upon those alterations, as well as the necessity for closing during the epidemic of infantile paralysis, have lowered very materially the figures of circulation. On account of the latter, parents were unwilling to run any risk of contagion for their children, and it was many weeks before normal conditions prevailed.

Gifts and Loans.

A large portrait of Mr. Daniel Lawrence has been presented to the library by Mrs. Samuel C. Lawrence. As this report closes, Mrs. Lawrence has added to her gift, a portrait of Rev. Charles Brooks, author of the "History of Medford." Both portraits hang in the Reading Room. All portraits and paintings now in the library have been suitably marked, so that their identity may be fully established. Two busts, one of Shakespeare, the other of Milton, have been donated by Mrs. Henry J. Livermore. Mr. Ernest B. Hall of the Boston School of Commerce has added 10 volumes to our collection of Spanish books. From the other side of the water, Miss Dorothea Chester Paradise has sent a copy of her book, "If There Must Be Battles." The following periodicals have been donated to the Reading Room: The Auk by Mr. Edmund Bridge. Punch by Miss Katherine Stone, Rhodora by Mrs. Henrietta R. Paige of Cambridge. The King's Chapel Book Room has continued its benefae-

tions of previous years. To our collection of curios, Melvin G. Pierce has contributed a piece of oak from an original "knee" from the frigate Constitution. Norman W. Swett loaned to the Children's Room a model aeroplane, made and tested by himself. This piece of work has been a delight and an inspiration to the young people. The Printing Class of the Medford High School, under the direction of Mr. Joseph T. Whitney, instructor, has printed four lists of books on special subjects, which have been circulated as book marks. We are glad to publicly recognize the excellence of the work, and the cordial co-operation of this department of the High School with the library. We are also indebted to all of the Medford papers for printing weekly lists of books whenever they were contributed. An overcrowded schedule of work has latterly left no time to compile such lists, all extra work of this sort being done at the expense of some other duty left undone. The libraries of Boston, Everett, Haverhill, Malden, Tufts College, Winchester and Worcester have loaned us books at various times, and in some cases we have been able to reciprocate. The Medford Shakespeare Club has added five dollars to its fund for the purchase of dramatic literature. All donations have been acknowledged when received.

Respectfully submitted,

A. L. SARGENT, Librarian.

We recommend an appropriation of \$10,714.63 to meet the expenses of the coming year.

Respectfully submitted,

ERNEST B. MOORE,

MARY W. CLARK.

ALAN A. CLAFLIN,

Annual report for year ending December 31, 1916:

Free for lending and reference.

No. branches, 1; Agencies, 5.

Days open during year (Central library) 330.

Days open during year, Branch, 138

Hours open each week for lending and reading (Central library):

Jan.—Apr.; Nov. 19—Dec. 31, 60.

May—Nov. 18, 57.

Hours open each week for lending (Branch), 8.

| | Adults | Children | Total |
|--|--------|----------|--------|
| No. volumes at beginning of year | 40,526 | 8,438 | 48,964 |
| No. volumes added by purchase | 1,494 | 424 | 1,918 |
| No. volumes added by gift | 224 | 38 | 262 |
| No. added from Reading Room | 102 | 2 | 104 |
| No. volumes lost or withdrawn | 35 | 665 | 700 |
| Total number at end of year | 42,311 | 8,237 | 50,548 |
| No. volumes of fiction lent for home use | 37,680 | 15,491 | 53,180 |

| | | | |
|--|---------|-----------------|---------|
| Total number volumes lent for home use:..... | Branch | Children's room | |
| | 2,577 | 21,080 | |
| | Central | Thru Schools | |
| | 53,826 | 26,213 | 103,696 |

No. of new borrowers registered during year, 1261.

No. of newspapers and periodicals currently received, 136.

Report of the Board of Health

To the Honorable Mayor and the Members of the Board of Aldermen, Medford, Massachusetts.

Gentlemen:

We hereby submit our annual report for the year 1916.

Organization.

Alfred J. Hawks, M.D., Chairman; Warren S. McIntire, Franklin E. Campbell, M.D.

Alvin R. Reed.....Secretary and Clerk

Leslie E. Morrison.....Inspector of Health and Plumbing

Paul Haley, M.D.....Medical Inspector

Winslow Joyce.....Inspector of Milk

Francis W. Lumbert....Inspector of Meats and Provisions

Harrie W. Peirce, M.D.V.....

Inspector of Animals and Slaughtering

Francis W. Lumbert.....

Inspector of Animals and Slaughtering

E. R. Fleming, M.D.....Tuberculosis Dispensary

There were 355 deaths; the death rate for the year is 10.60.

Contagious cases reported:

| | | | |
|-----------------------------|-----|----|--------|
| Scarlet Fever | 48 | 1 | deaths |
| Diphtheria | 34 | 1 | " |
| Measles | 89 | 0 | " |
| Tuberculosis | 32 | 14 | " |
| Typhoid Fever | 9 | 0 | " |
| Varicella | 113 | 0 | " |
| Whooping Cough | 57 | 4 | " |
| Ophthalmia Neonatorum | 11 | 0 | " |

MEDFORD HISTORICAL SOCIETY.

ac. 2814.

REPORT OF THE BOARD OF HEALTH

325

The year has been one of continued progress in efforts to control preventable diseases. The Board wishes to publicly acknowledge the enthusiastic co-operation and interest shown in our work by the Visiting Nurse Association.

The Board also wishes to express its appreciation to the physicians of our city for the manner in which they rallied to our support in reporting cases, and the help given in the school inspection undertaken to prevent an epidemic of infantile paralysis.

That the efforts of the Board during the last year have not been without results is shown by the mortality and sickness statistics of the city. There have been fewer cases of preventable diseases and a lower death rate than for some years. The Board of Health recommends the employment of a School and Tuberculosis Nurse to follow up contagious cases and pilot children that need treatment to hospitals or to visit them at their homes, to obtain co-operation of their parents in necessary operations which are essential to the well-being of the coming citizens of the city. To obtain these and other necessary reforms the Board of Health needs greatly increased appropriation which at the present time is less than needed. The inspection of milk is at the present time unsatisfactory and the only way it can be improved is by an increased appropriation for this department, that outside assistance in the analysis may be possible.

Civic righteousness, morality and happiness in a community depend to a very great extent upon a healthy mind and vigorous body which can only be obtained by eternal vigilance on the part of the health authorities and the co-operation of the public together with liberal appropriation of necessary funds to accomplish needed results.

Health is a Purchasable Commodity, and expert services can only be obtained by liberal expenditures.

Respectfully submitted,

ALFRED J. HAWKS, M.D.,

WARREN S. McINTIRE,

F. E. CAMPBELL, M.D.

Board of Health.

REPORT OF HEALTH INSPECTOR.

Medford, Mass., Jan. 2, 1917.

To the Board of Health:

Gentlemen:—As Health Inspector, I herewith submit my annual report, year ending December 30, 1916:

Inspections were made for the following causes:

| | |
|--|---------|
| Unclean or unsanitary premises..... | 76 |
| Overflowing cesspools or privies..... | 12 |
| Odor from manure | 8 |
| Garbage carelessly handled | 69 |
| Stagnant water | 20 |
| Dumps and nuisance on vacant land..... | 28 |
| Cows, cow-barns, pigpens..... | 19 |
| Dead animals on public highway..... | 16 |
| Milk left at house under quarantine..... | 2 |
| Defective plumbing or water supply..... | 21 |
| Spitting on floor..... | 2 |
| Pest house | 3 |
| Ordered to connect with sewer..... | 5 |
| Bakeries, lunch-carts, restaurants..... | 12 |
| Barber shops | 10 |
| Infant boarding houses..... | 19 |
| No cause found for complaint..... | 30 |
| Total number of inspections..... | 352 |

Respectfully submitted,

L. E. MORRISON,

Health Inspector.

REPORT OF INSPECTOR OF PLUMBING.

Medford, Mass., Jan. 2, 1917.

To the Board of Health:

Gentlemen:—I herewith submit the twenty-third annual report of the Inspector of Plumbing, year ending December 30, 1916:

| | |
|--|-----|
| Permits issued for plumbing in new buildings..... | 383 |
| Permits issued for remodeling plumbing, etc..... | 112 |
| Permits issued to connect old work with sewer..... | 18 |

Total number of permits issued during the year..... 513

| | |
|--|------|
| Buildings where work was subjected to inspection..... | 624 |
| Buildings where work was subjected to test..... | 437 |
| New buildings connected with sewer..... | 367 |
| Old buildings connected with sewer..... | 18 |
| New buildings connected with cesspool..... | 13 |
| Buildings where work started last year has been com- pleted | 111 |
| Buildings where work is still unfinished..... | 130 |
| Total number of inspections during the year... .. | 1396 |
| Total number of fixtures installed.... .. | 3537 |

Respectfully submitted,

LESLIE E. MORRISON,

Inspector of Plumbing.

REPORT OF INSPECTOR OF MILK.

Medford, Mass., Jan. 1, 1917.

To the Board of Health:

Gentlemen:—I have the honor to submit herewith the following report of the Inspector of Milk, for the year ending December 31, 1916:

| | |
|---|----------|
| Total number of licenses granted for the sale of milk | 214 |
| For the sale of oleomargarine..... | 6 |
| <hr/> | |
| Whole number of licenses..... | 220 |
| Amount of fees received and paid City Collector.. | \$110 00 |

The average sale of milk in this city daily is approximately twelve thousand one hundred quarts and five hundred quarts of cream.

I have collected and analyzed 232 samples of milk and cream taken from wagons and stores, and found 41 slightly below the legal standard.

I have also tested 16 samples of vinegar and 3 of butter, all of which were of standard quality. Constant watch has been kept for coloring matter and preservatives in milk in the meantime.

During the summer, suspicions were aroused that "milk powder" was being used in extending milk, by a number of the dealers.

I spent several weeks in investigating the matter and believe that the suspicions were well grounded. I took the matter up with the milk inspectors in the nearby cities, also with the Dairy Bureau at the State House. The consensus of opinion was that if the milk tested came above the legal standard, in fats and solids, no convictions could be obtained in the courts of parties using the powder.

This powder is said to be pure (skim) milk reduced and concentrated and when added to raw milk has no deleterious effect; however, I interviewed several parties and made emphatic protests against the use of any "foreign substance" in the natural milk and believe this reprehensible method of extending milk is now entirely stopped in the city, if it ever existed.

There has been a decided improvement in the cleanliness of the milk and milk plants in the city during the past year. The sediment test has proved fairly satisfactory.

Respectfully submitted,

WINSLOW JOYCE,

Inspector of Milk.

REPORT OF INSPECTOR OF MEATS AND PROVISIONS.

Medford, Mass., December 30, 1916.

To the Board of Health, Medford, Mass.:

Gentlemen:—As Inspector of Meats and Provisions, I herewith submit the annual report for the year ending December 31, 1916.

Inspections as follows:

| | |
|-------------------------------------|----|
| Grocery stores | 28 |
| Grocery and provision stores..... | 36 |
| Bakery shops | 9 |
| Lunch rooms | 6 |
| Baker carts | 3 |
| Ice cream parlors | 9 |
| Butter, cheese, and egg stores..... | 3 |
| Fruit stores | 7 |
| Fish markets | 9 |
| Fish carts | 7 |

Failures to comply with the law: Meats condemned and destroyed:

| | | |
|-------------------------------|------------------|------------------------|
| Corned beef, animal heat..... | 17 | lbs. |
| Corned shoulder, sour | 24 | lbs. |
| Corned ribs, sour | 26 $\frac{1}{2}$ | lbs. |
| Chickens, tainted | 17 $\frac{3}{4}$ | lbs. |
| Fresh tripe, sour | 12 | lbs. |
| Liver, sour | 19 $\frac{1}{2}$ | lbs. |
| Lamb kidneys, sour..... | 13 | lbs. |
| Beef kidneys, sour | 7 | lbs. |
| Lamb, tainted | 31 | lbs. |
| Fowl, sour | 23 | lbs. |
| | | <hr/> |
| | | 190 $\frac{3}{4}$ lbs. |

Failures to comply with the law. Fish and vegetables condemned and destroyed:

| | | |
|---------------|------------------|------|
| Cod | 19 | lbs. |
| Oysters | 5 | qts. |
| Spinach | 1 | bbl. |
| Cabbage | 19 $\frac{3}{4}$ | lbs. |
| Kale | 26 | lbs. |
| Lettuce | 13 | hds. |

Total, Fish, 19 pounds; 5 quarts.

Total, Vegetables, 1 barrel; 45 $\frac{3}{4}$ pounds; 13 heads.

Inspections of stores, markets, bakeries, lunch rooms, baker carts, ice cream parlors, butter, cheese and egg stores, fish markets and fish carts: Total inspections, 670.

Respectfully submitted,

FRANCIS W. LUMBERT,
Inspector of Meats and Provisions.

REPORT OF MEDICAL INSPECTOR.

Medford, Mass., Jan. 1, 1917.

To the Board of Health, Medford.

Gentlemen:—I herewith submit my report as Medical Inspector for the year 1916.

Visits made:

| | |
|----------------------|-----------|
| Diphtheria | 30 |
| Mumps | 2 |
| Measles | 8 |
| Ophthalmia | 14 |
| Poliomyelitis | 4 |
| Scarlet fever | 13 |
| Tuberculosis | 3 |
| Whooping cough | 4 |
| Total | 78 |

Respectfully submitted,

PAUL HALEY, M. D.

Financial Report Year Ending Dec. 30, 1916.

| | |
|--|-------------------|
| Received appropriation, salary of members..... | \$ 150 00 |
| Expended | 150 00 |
| General fund, received from Board of Aldermen.. | \$1,500 00 |
| Received from Cradock Garage..... | 15 00 |
| Received from sale of old buggy..... | 25 00 |

REPORT OF THE BOARD OF HEALTH

Received from trans. from Infantile Paralysis....\$ 724 64
 Received from County of Middlesex..... 291 20

\$2,555 84

Expended\$2,555 84

Received appropriation, contagious diseases, from
 Board of Aldermen.....\$2,000 00
 Received from the Commonwealth and cities and
 Towns 689 28
 Received from trans. from 1915..... 490 40

\$3,179 68

Expended\$3,179 68

Detention hospital balance.....\$ 40 50
 To miscellaneous credits 40 50

Received from Board of Aldermen apc. Infantile
 Paralysis\$1,500 00
 Expended sundry accounts.....\$775 36
 Expended trans. to general fund..... 724 64

\$1,500 00

Report of the Chief of Police

Hon. Benjamin F. Haines,

Mayor of the City of Medford.

Sir:—I have the honor of submitting to you my annual report of the Police Department for the year ending December 30, 1916.

| | |
|--------------------------------|-----|
| Whole number of arrests..... | 590 |
| Males | 561 |
| Females | 29 |
| Adults | 492 |
| Minors | 98 |
| Residents | 370 |
| Non-residents | 220 |
| Arrested on warrants..... | 362 |
| Arrested without warrants..... | 228 |
| Held for trial..... | 559 |

Cause of Arrest.

| | |
|---------------------------------|----|
| Assault and Battery..... | 32 |
| Attempt to Commit a Crime..... | 3 |
| Arson | 1 |
| Bastardy | 8 |
| Breaking and Entering..... | 7 |
| Concealed Weapon | 3 |
| Concealing Stolen Property..... | 1 |
| Conspiracy | 1 |

| | |
|---|-----|
| Default | 6 |
| Disturbing the Peace..... | 4 |
| Disorderly Conduct on Electric Car..... | 1 |
| Drunkenness | 163 |
| Dipsomania | 1 |
| Destroying Property | 3 |
| Escaped Prisoners | 4 |
| Fugitive from Justice..... | 1 |
| Gaming, or present at..... | 19 |
| Insane | 32 |
| Keeping an Unlicensed Dog..... | 2 |
| Larceny | 47 |
| Manslaughter | 2 |
| Misappropriation of Autos..... | 20 |
| Non-support | 31 |
| Neglected Children | 3 |
| Non-payment of Wages..... | 16 |
| Non-support of Parents | 4 |
| No Lights on Wagons..... | 6 |
| Peddling Without a License..... | 2 |
| Polygamy | 1 |
| Rape | 2 |
| Riding Bicycle on Sidewalk | 1 |
| Runaway Boy | 1 |
| Safe Keeping | 2 |
| Sounding False Alarm of Fire..... | 1 |
| Threats | 3 |
| Trespass | 2 |
| Truants | 5 |
| Unlawful Use of Milk Bottles..... | 4 |
| Vagrancy | 1 |
| Violation of City Ordinance..... | 3 |
| Violation of the Lord's Day..... | 6 |
| Violation of the Liquor Law..... | 4 |
| Violation of the Park Rules..... | 2 |
| Violation of Probation..... | 4 |
| Violation of Auto Laws..... | 104 |
| Violation of Traffic Laws..... | 16 |

| | |
|--|---|
| Violation of Labor Laws..... | 2 |
| Violation of Board of Health Laws..... | 1 |
| Violation of Plumbing Regulations..... | 1 |
| Wayward Child | 1 |

Miscellaneous Work.

| | |
|---|------------|
| Amount of property reported stolen..... | \$7,559.64 |
| Amount of property recovered by police..... | \$9,507.99 |
| Accidents reported | 56 |
| Buildings found open and secured..... | 227 |
| Cases investigated | 1376 |
| Defective streets and sidewalks reported..... | 152 |
| Defective water pipes reported..... | 79 |
| Defective vaults and drains reported..... | 16 |
| Defective wires reported..... | 107 |
| Dead bodies cared for..... | 6 |
| Disturbances suppressed | 48 |
| Dogs killed | 9 |
| Extra days duty done by officers..... | 221 |
| Fire alarms reported | 5 |
| Fires extinguished without alarms..... | 31 |
| Gas turned off in buildings..... | 21 |
| Horses found cast or loose in stables..... | 7 |
| Lanterns placed on defects in streets..... | 59 |
| Lost children returned home..... | 37 |
| Notices posted and delivered..... | 803 |
| Number of runs of patrol wagon..... | 895 |
| Number of miles run..... | 3861 |
| Sick and injured persons assisted..... | 114 |
| Stray teams cared for..... | 3 |
| Street obstructions removed..... | 11 |
| Street lights reported out..... | 179 |
| Search warrants served..... | 4 |
| Seizures made | 4 |
| Extra hours of duty at fires..... | 110½ |
| Officers at court..... | 266 |

| | |
|---------------------------------------|------|
| Officers extra hours without pay..... | 1227 |
| Horse shot | 1 |
| Cats shot | 3 |
| Horse rescued from river..... | 1 |
| Stray cow found | 1 |

The police department on September 11, 1916, recovered \$3,957 of counterfeit money and turned the same over to the United States Treasury. Our department was complimented for this good work.

The police department on September 19, 1916, received a letter from Police Commissioner Arthur Wood, of New York, in appreciation for work done by this department, in the recovery of stolen property.

Respectfully submitted,

JOHN F. WELCH,

Chief of Police.

MEDFORD HISTORICAL SOCIETY.

cc. 2814.

ANNUAL REPORT

OF THE

SCHOOL DEPARTMENT

OF THE

CITY OF MEDFORD, MASS.

For the Year Ending December 30, 1916



MEDFORD, MASS.

MEDFORD MERCURY PRESS

1917

Report of School Department

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SCHOOL COMMITTEE FOR 1916.

Membership.

Hon. Benjamin F. Haines, Mayor, Ex-Officio.

At Large.

| | Term Expires |
|--|--------------|
| Edward W. Barrett, M.D., 34 Washington Street..... | 1916 |
| Hon. William C. Wait, 194 Forest Street..... | 1917 |
| Franklin E. Campbell, M.D., 414 High Street, West Medford | 1918 |

From Wards.

Ward.

1. Ella T. Hart (Mrs. W. P.), 57 Logan Avenue.....1918
2. Harry N. Brown, 41 Washington Street.....1918
3. Harry B. Leavitt, 147 Woburn St., W. Medford...1917
4. Clara T. Guild (Mrs.), 31 College Avenue.....1917
5. George S. T. Fuller, 7 Alfred Street.....1916
6. Joseph W. Phelan, 60 Brooks St., W. Medford....1918
7. Joseph C. Smith, 38 Fifth St., Wellington.....1916

Organization of Committee.

Joseph W. Phelan, Chairman. Joseph C. Smith, Clerk.

Standing Committees.

Appropriations: Wait, Haines, Phelan, Leavitt.
 Buildings: Fuller, Haines, Barrett, Leavitt.
 Fuel and Accounts: Barrett, Haines, Smith.
 Evening School: Barrett, Mrs. Guild, Campbell.
 Summer School: Mrs. Guild, Mrs. Hart, Brown.
 Manual Training: Phelan, Campbell, Mrs. Hart,
 Brown.

The Superintendent is a member of all Standing Committees.

Meetings of Committee.

Regular meetings of the School Board are held in the School Committee Room, High School Building, Forest Street, on the second and fourth Monday of every month, except July and August, at 8 o'clock p. m.

Superintendent of Schools.

Fred H. Nickerson, A.M..... 60 Dudley Street

Superintendent's Clerk.

Annie I. Letson..... 8 Fulton Street

Office—High School, Forest Street.

Office Hours—8 to 1 and 3 to 5 every school day, and 8 to 12 on Saturdays.

Office Telephone—34 Medford.

SCHOOL CALENDAR FOR 1917.**Winter Term.**

Begins January 2 and closes March 30. Vacation of one week.

Spring Term.

Begins April 9 and closes Friday, June 29.

Fall Term.

Begins September 5 (Wednesday) and closes December 21.

Holidays During Term Time.

Every Saturday, Columbus Day, Thanksgiving Day with one half-day preceding and the day following it, February 22, April 19, May 30, and June 17.

REPORT OF SCHOOL COMMITTEE

Medford, Mass., December 29, 1916.

To His Honor Benjamin F. Haines, Mayor:—

Sir:—The School Committee herewith submits its annual report.

Two new school buildings have been opened and added to our list during the past year, the Fulton Street and the Hancock Schools. Two buildings are under construction, four rooms are being added to the Osgood School and a new building is being erected on the site of the Swan School which was torn down. Immediate addition must be made to the Fulton Street School to relieve the congestion at this point, due to the remarkable growth of this district. When this is done and the Junior High and Osgood School have been opened, it is hoped that the over-crowded condition of the upper grades may be relieved.

The high cost of supplies has affected the School Committee as well as everyone else. Early in the year, through the foresight of our clerk, we made favorable contracts for supplies for the year. Now, however, we find the supply houses loath to contract except at greatly advanced prices, and there is no doubt that our budget for supplies must be very largely increased.

When our schools opened last Fall, they were better supplied with coal than has been the case for several years, due to the efficient and exceptionally painstaking work of the Committee on Fuel. It is with regret that it is learned that they do not feel able to continue the work another year, and we sincerely hope that this purchasing of coal, which in no way is connected with the work the School Committee should be doing, will be early taken over by the new city purchasing agent.

Only the usual amount of repairs have been made on our buildings except perhaps in the case of the Lincoln School, where we had a severe fire. This, of course, is not as it should be, and it is earnestly hoped that some means may be provided by which our appropriation for repairs may be increased.

Nearly one thousand dollars has been spent during the year on fire alarm signals and for fire prevention apparatus, and our pupils are as well protected as possible in this line. This does not mean that all our schools are fire proof by any means.

The Committee recommends and hopes that some way may be found to employ by the year, one, if not two all around men, i. e. men of all trades. They should take care of the smaller and immediately necessary repairs in our schools, such as broken glass, doors, desks, faucets, etc. These men should have firemen's licenses and then could be used as janitors in case of sickness among our regular men. Two schools had to be closed recently because we were unable to fill the place of a janitor suddenly taken ill.

Further, it is surprising how much we expend each year for express and cartage, a great deal of this right here in Medford, between the schools. If the School Committee had a small auto truck that might be operated by one of these men, a saving in the express account surely could be made, and the work would be done more quickly and efficiently.

Regular instruction in gymnastics and gymnasium work for boys was offered for the first time, in our High School, this Fall. This was made possible by an appropriation by the Board of Aldermen last Winter. While it is only optional, it is hoped that the great value of the instruction will be so thoroughly appreciated, not only by the pupils, but by the parents, that all pupils will take the subject.

It has been suggested that the gymnasium be opened to the public. It is of course impossible to throw it open to be used at will. All successful gymnasiums are now in

classes with an instructor in charge. This would mean expenditure for instruction, lighting, and janitor work, which the law does not permit us to do except for persons of school age. The School Committee will be glad to meet the Board of Aldermen on this subject at any time.

Respectfully submitted,

JOSEPH W. PHELAN,
JOSEPH C. SMITH,
EDWARD W. BARRETT,
WILLIAM C. WAIT,
FRANKLIN E. CAMPBELL,
ELLA T. HART,
HARRY N. BROWN,
HARRY B. LEAVITT,
CLARA T. GUILD,
GEORGE S. T. FULLER.

REPORT OF SUPERINTENDENT OF SCHOOLS.

To the School Committee of Medford:—

The following report upon the public schools of the City is submitted for your consideration:

Following the plan of my previous annual reports, I have grouped the usual statistical tables at the beginning of the report.

TABLE I.—Number of Pupils in the Different Grades, December 1916.

| SCHOOLS | Grade Ib. | Grade Ia. | Grade IIb. | Grade IIa. | Grade IIIb. | Grade IIIa. | Grade IVb. | Grade IVa. | Grade Vb. | Grade Va. | Grade Vtb. | Grade Via. | Grade VIIb. | Grade VIIa. | Grade VIIIb. | Grade VIIIa. | Grade IX. | HIGH SCHOOL | | | | | | | Totals | | |
|------------------------|-----------|-----------|------------|------------|-------------|-------------|------------|------------|-----------|-----------|------------|------------|-------------|-------------|--------------|--------------|-----------|-------------|----------|----------|-----------|-----------|------------|----------|--------|-----------|-----|
| | | | | | | | | | | | | | | | | | | Class I | Class I' | Class II | Class II' | Class III | Class III' | Class IV | | Post Grad | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High | | | | | | | | | | | | | | | | | | 255 | 139 | 204 | 69 | 222 | 73 | 150 | 18 | 1,130 | |
| Centre | | | | | | | | | | | | | | | | | 109 | | | | | | | | | | 109 |
| Washington | | | | | | | 28 | 22 | 47 | 26 | 38 | 27 | 36 | 35 | 44 | | | | | | | | | | | | 303 |
| Franklin | | | | | | | 37 | 25 | 65 | 49 | 70 | 42 | 71 | 43 | 67 | | | | | | | | | | | | 469 |
| Everett | 39 | 22 | 33 | 27 | 34 | 24 | | | | | | | | | | | | | | | | | | | | | 179 |
| Osgood | 19 | 9 | 9 | 12 | 15 | 12 | 8 | 12 | 18 | | 12 | | 24 | | | | | | | | | | | | | | 150 |
| James | 60 | 28 | 48 | 26 | 57 | 23 | 19 | 21 | 18 | | | | | | | | | | | | | | | | | | 300 |
| Curtis | 59 | 23 | 44 | 31 | 46 | 30 | 40 | 22 | | | | | | | | | | | | | | | | | | | 295 |
| Brooks | | | | | 41 | 11 | 72 | 37 | 53 | 36 | 54 | 41 | 43 | 32 | 29 | 37 | | | | | | | | | | | 486 |
| Gleason | 10 | 17 | 21 | 12 | | | | | | | | | | | | | | | | | | | | | | | 60 |
| Hervey | 36 | 19 | 28 | 12 | 17 | 25 | | | | | | | | | | | | | | | | | | | | | 137 |
| Lorin L. Dame | | | | | 13 | 31 | 34 | 59 | 68 | 41 | 53 | 46 | 63 | 47 | 66 | 26 | | | | | | | | | | | 547 |
| Hancock | 23 | 14 | 47 | 28 | 44 | 19 | 43 | | | | | | | | | | | | | | | | | | | | 218 |
| Cradock | 29 | 22 | 26 | 14 | 26 | 12 | 27 | | | | | | | | | | | | | | | | | | | | 156 |
| Hillside | 40 | 21 | 36 | 16 | 24 | | | | | | | | | | | | | | | | | | | | | | 137 |
| Lincoln | | | | | | | 80 | 66 | 98 | 63 | 88 | 50 | 60 | 56 | 50 | 38 | | | | | | | | | | | 649 |
| Tufts | 80 | 46 | 87 | 20 | 82 | 38 | | | | | | | | | | | | | | | | | | | | | 302 |
| Fulton Street | 13 | 5 | 6 | 8 | 12 | 5 | | | | | | | | | | | | | | | | | | | | | 49 |
| Total, Dec. 1916 | 408 | 220 | 385 | 215 | 411 | 230 | 388 | 264 | 367 | 215 | 315 | 206 | 297 | 213 | 250 | 210 | * | 255 | 139 | 204 | 69 | 222 | 73 | 150 | 18 | 5,736 | |
| Total, Dec. 1915 | 634 | 600 | 641 | 652 | 582 | 521 | 510 | 466 | * | 394 | 273 | 295 | 150 | 18 | 5,555 | | | | | | | | | | | | |
| Total, Dec. 1914 | 620 | 634 | 603 | 578 | 524 | 526 | 468 | 510 | * | 333 | 392 | 186 | 167 | 11 | 5,229 | | | | | | | | | | | | |
| Total, Dec. 1913 | 649 | 582 | 551 | 517 | 512 | 475 | 494 | 423 | * | 461 | 240 | 188 | 131 | 6,486 | | | | | | | | | | | | | |
| Total, Dec. 1912 | 557 | 526 | 525 | 503 | 510 | 451 | 428 | 363 | 168 | 289 | 262 | 163 | 117 | 6,402 | | | | | | | | | | | | | |
| Total, Dec. 1911 | 555 | 240 | 482 | 506 | 515 | 414 | 420 | 357 | 329 | 321 | 217 | 141 | 115 | 4,278 | | | | | | | | | | | | | |
| Total, Dec. 1910 | 259 | 432 | 451 | 527 | 420 | 410 | 406 | 359 | 332 | 257 | 172 | 142 | 110 | 1,427 | | | | | | | | | | | | | |
| Total, Dec. 1909 | 479 | 443 | 499 | 420 | 419 | 443 | 405 | 367 | 281 | 239 | 170 | 123 | 72 | 1,436 | | | | | | | | | | | | | |
| Total, Dec. 1909 | 513 | 494 | 390 | 424 | 454 | 420 | 413 | 308 | 298 | 240 | 141 | 85 | 85 | 1,426 | | | | | | | | | | | | | |

* Grade IX discontinued.

Comment on Table I.

Comparison of the total registration indicated in Table I with similar figures in previous reports shows an increase of 868 pupils during the past three years. This rapid growth in the membership of the schools has called for an unusually large expenditure for additional school accommodations.

The readiness with which the City has assumed this burden of expenditure not only demonstrates the faith of the community in its schools, but also encourages the Superintendent in his efforts to solve the difficult problems involved in a rapidly growing school system and thereby aids him to perform his tasks with a greater degree of efficiency.

**TABLE II.—NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS OF THE DAY SCHOOLS,
DECEMBER, 1916.**

| Regular Day School Teachers | | | | Supervisors and Special Instructors | | | | | | | | |
|-----------------------------|-------------------------|---------------------------------|-------------------------------|-------------------------------------|----------|----------|----------------------|-------------------|----------|----------|----------|------------|
| | High Classes I-IV | Grammar Gr. V-VI VII-VIII | Primary Gr. I-II III-IV | Primary Grades | Music | Drawing | Physical Training | Military Drill | Sewing | Cooking | Woodwork | Totals |
| Male | 14 | 4 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 23 |
| Female | 33 | 51 | 60 | 1 | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 151 |
| Total | 47 | 55 | 60 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 3 | 174 |

Comparison with a similar tabulation for 1915 shows that twelve teachers were added to the staff in 1916. Eleven of the additions were made to meet the growth in attendance and one was due to the introduction in September of a course in physical training for the boys of the High School, and the employment of a man to direct the work.

TABLE III.—Average Age of Pupils in the Respective Grades,
September, 1916.

| PRIMARY | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| I | | II | | III | | IV | |
| B. | A. | B. | A. | B. | A. | B. | A. |
| yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. |
| 6 4 | 6 11 | 7 5 | 8 — | 8 — | 9 2 | 9 5 | 10 3 |

| GRAMMAR | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|
| V | | VI | | VII | | VIII | |
| B. | A. | B. | A. | B. | A. | B. | A. |
| yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. |
| 10 8 | 11 3 | 11 7 | 12 4 | 12 6 | 13 3 | 13 4 | 14 1 |

| HIGH | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|
| I | I' | II | II' | III | III' | IV |
| yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. | yr. mo. |
| 14 4 | 14 8 | 15 4 | 16 — | 16 4 | 16 9 | 17 — |

TABLE IV.—ATTENDANCE DATA, ETC., FOR THE SCHOOL YEAR ENDING JUNE, 1916.

| SCHOOL | No. of different pupils enrolled exclusive of re-enrollment in the City.. | No. of Boys | No. of Girls | Average Membership | Average Attendance..... | Per Cent. of Attendance. | Cases of Corporal Punishment..... | No. of Different Truants. | Half Days of Truancy... | Cases of Tardiness..... | Cases of Dismissal..... |
|----------------------|---|-------------------|--------------------|--------------------------|-------------------------|--------------------------|-----------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| High | 1164 | 507 | 657 | 1147.7 | 1086.1 | 94.04 | ..... | 32 | 96 | 1528 | 1075 |
| Centre | 219 | 100 | 119 | 214.9 | 207.3 | 96.46 | ..... | 12 | 41 | 219 | 110 |
| Washington | 350 | 162 | 188 | 311.2 | 293.3 | 94.24 | 6 | 13 | 15 | 311 | 134 |
| Franklin | 475 | 250 | 225 | 422.1 | 397.7 | 94.21 | 8 | 11 | 84 | 332 | 293 |
| Everett | 207 | 107 | 100 | 133.2 | 122.6 | 92.04 | ..... | 2 | 2 | 108 | 37 |
| Swan | 173 | 83 | 90 | 141.7 | 131.8 | 92.94 | ..... | ..... | ..... | 191 | 72 |
| Osgood | 176 | 86 | 90 | 149.4 | 141.1 | 94.44 | 3 | 1 | 2 | 133 | 144 |
| James | 282 | 153 | 129 | 228.4 | 214.2 | 93.79 | 3 | 5 | 9 | 165 | 121 |
| Curtis | 252 | 140 | 112 | 209.8 | 196.4 | 93.54 | 1 | ..... | ..... | 144 | 83 |
| Brooks | 501 | 254 | 247 | 452.9 | 425.9 | 94.03 | 8 | 19 | 46 | 229 | 565 |
| Gleason | 102 | 50 | 52 | 80.8 | 71.4 | 88.36 | ..... | ..... | ..... | 100 | 71 |
| Hervey | 183 | 100 | 83 | 143.9 | 133.3 | 92.62 | ..... | ..... | ..... | 278 | 75 |
| Lorin L. Dame..... | 573 | 314 | 259 | 578.5 | 542.4 | 93.75 | 2 | 5 | 5 | 427 | 494 |
| Cradock | 207 | 114 | 93 | 160.5 | 146.2 | 91.00 | 2 | 3 | 21 | 214 | 41 |
| Hillside | 152 | 80 | 72 | 136.2 | 125.7 | 92.29 | ..... | ..... | ..... | 188 | 69 |
| Lincoln | 710 | 350 | 360 | 723.7 | 675.8 | 93.38 | 17 | 63 | 149 | 308 | 471 |
| Tufts | 488 | 250 | 238 | 446.9 | 405.2 | 90.66 | 6 | 10 | 14 | 235 | 76 |
| Fulton Heights | 11 | 2 | 9 | 39.9 | 36.1 | 90.47 | ..... | ..... | ..... | 69 | 60 |
| Totals | 6225 | 3102 | 3123 | 5721.7 | 5352.5 | 93.54 | 56 | 176 | 484 | 5179 | 3981 |

Comment on Table IV.

So far as the statistics in the above table may be an indication, they show on the whole satisfactory school conditions. I am dissatisfied, however, with the amount of truancy shown. Four hundred eighty-four half-days of truancy in a year with a total school registration of 6,225 pupils may not seem alarming to some, but I believe that that number is too large and that it could be reduced and the efficiency of the schools increased thereby, if our attendance officer were free to devote his entire time to the work for which he is primarily employed, instead of using a considerable portion of the school year in taking the school census. I desire, therefore, to renew the suggestion which I have previously made that special enumerators be employed to do this work under his supervision.

Table V.

ANNUAL FINANCIAL EXHIBIT FOR 1916.

1. General Statement.

Receipts.

| | | |
|------------------------------------|------------|---------------------|
| Original appropriation | | \$183,220 00 |
| Supplementary appropriations: | | |
| Books and supplies | \$1,000 00 | |
| Fuel | 8,755 65 | |
| General expenses | 500 00 | |
| Repairs | 500 00 | |
| Fire alteration | 1,000 00 | |
| | | <u>\$11,755 65</u> |
| From the following sources: | | |
| Tuition from non-residents..... | \$ 75 00 | |
| Tuition from State wards..... | 1,242 75 | |
| Tuition from City of Boston wards. | 60 75 | |
| | | <u>\$1,378 50</u> |
| Total | | <u>\$196,354 15</u> |

Expenditures.

Salaries:

| | | |
|--|--------------|---------------------|
| Teachers, Superintendent and Clerks | \$145,368 59 | |
| Janitors, Engineer and Truant Officer | 13,276 53 | |
| Secretary of School Committee.. | 300 00 | |
| Medical Inspector | 200 00 | |
| | | <u>\$159,145 12</u> |
| Books and Supplies..... | | 10,866 15 |
| Fuel | | 15,752 31 |

MEDFORD HISTORICAL SOCIETY.

ac. 2814.

REPORT OF SCHOOL DEPARTMENT

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| | |
|--|--------------|
| Repairs | \$4,648 12 |
| General Expenses (Miscellaneous items not classified under the above headings) | 4,058 25 |
| <hr/> | |
| Total expenditure for support of regular day schools..... | \$194,469 95 |
| Evening School | 1,376 35 |
| Summer School | 349 40 |
| <hr/> | |
| Total | \$196,195 70 |
| Unexpended balance | \$ 158 45 |

2. Average Expenditure Per Pupil.

a. Regular Day Schools.

(Based on the average membership of the schools for fiscal year, 5522.8).

| | |
|---|---------|
| For Teaching (including High School Clerk)..... | \$25 58 |
| For Supervision (Superintendent and Clerks)..... | 75 |
| For Janitors, Engineer and Truant Officer..... | 2 40 |
| For Secretary of School Committee..... | 05 |
| For Books | 76 |
| For Supplies | 1 21 |
| For Fuel | 2 85 |
| For Repairs | 84 |
| For Medical Inspection | 04 |
| For General expenses (Miscellaneous items not classified under the above headings)..... | 73 |
| <hr/> | |
| Total cost per pupil for day school purposes.... | \$35 21 |

b. Evening School.

(Based on the average membership of the school for the 19 weeks of the fiscal year that the school was maintained, 158.8).

| | |
|------------------------------|---------|
| For Teaching | \$7 11 |
| For Janitors | 68 |
| For Lighting | 45 |
| For Books and Supplies | 37 |
| For Printing | 06 |
| | <hr/> |
| Total | \$ 8 67 |

c. Summer School.

(Manual Department)

(Based on enrollment of school, 266).

| | |
|---------------------------------------|---------|
| For Teaching and Janitor Service..... | \$ 1 28 |
| For Supplies | 04 |
| | <hr/> |
| Total | \$ 1 32 |

3. Cost for High School Maintenance.**a. Total Expenditure.**

| | Amount Expended |
|--|--------------------|
| Salaries (teachers, janitor, engineer, clerk)..... | \$53,621 26 |
| Books | 1,261 91 |
| Supplies | 3,408 49 |
| Fuel | 2,829 24 |
| Sundries | 1,097 66 |
| Repairs | 967 85 |
| | <hr/> |
| Total | \$63,186 41 |

b. Average Expenditure Per Pupil.

(Based on average membership for the financial year, 1163).

| | Expenditure per pupil |
|--|--------------------------|
| Salaries (teachers, janitor, engineer, clerk)..... | \$46 11 |
| Books | 1 09 |
| Supplies | 2 93 |
| Fuel | 2 43 |
| Sundries | 94 |
| Repairs | 83 |
| | <hr/> |
| Total | \$54 33 |

Comment on Table V.

This table shows that the total expenditure of the School Department in 1916 was \$196,195.70. This sum is 38 per cent. of the total expenditure for current city expenses for the year. There are those who feel that too large a proportion of the total expenditures of the City is devoted to the schools.

The following facts explain why our schools require a relatively large fraction of the tax levy.

1. The school population of Medford is relatively large compared with most communities, e. g., the average membership of the schools of Medford for the school year ending June, 1916, was practically 19 per cent., while the similar figure for the ten other cities of Middlesex County was 15 per cent. In other words, the ratio of pupils in the schools of Medford to the population of the City for the past school year was practically 4 per cent. larger than the average for the other ten cities of the County,—only one city, Everett, out of the ten, having a larger per cent. of pupils in its population. It is also true that the ratio of school pupils to the population in Medford is 3 per cent. larger than the average for the State at large.

Obviously this larger proportion of school pupils to the population operates to raise the proportion of the City's tax levy that must be expended for the support of schools.

2. A second reason why our total expenditure for schools is relatively large is the fact that the proportion of pupils in our high school to the total school population is larger than in the majority of communities, e. g., the ratio of pupils in the membership of the high schools to the total school population in the ten other cities of Middlesex County for the school year ending June, 1916, averaged 17 per cent., and the similar ratio for the thirty-five other cities of the State averaged 14.8 per cent., while in Medford the similar ratio for the same period was 20 per cent. In other words, the ratio of high school membership to the entire school membership in Medford is 3 per cent. larger than the similar ratio for the ten other cities of the County and a little over 5 per cent. larger than for the thirty-five other cities of the Commonwealth.

Inasmuch as the average cost per pupil for high school support for the cities of the State is 88.9 per cent. greater than that for the elementary grades, it is evident that Medford's relatively large high school membership must tend to make its total expenditure for support of schools a relatively large fraction of the total annual expenditures of the City.

While, for the reasons noted, our gross expenditure for the support of schools is relatively large, it is interesting to note that the amount expended per pupil in the membership of the schools is relatively small.

Figures from the latest report of the State Board of Education show that the average expenditure for support of schools for each child in the average membership of the schools for the State at large for the school year ending June, 1916, was \$42.55; for the 36 cities of the State, \$43.02; for the eleven Cities of Middlesex County, \$38.06; and for Medford, \$31.74. In other words, the expenditure for support of schools in Medford for the past school year was \$6.32 less per pupil in the average membership of the schools than the similar average for the cities of Middlesex

County; \$11.28 less than the average for the 36 cities of the State; and \$10.81 less than the average for all the towns and cities of the State combined. Of the cities of Middlesex County, only one (Woburn) expended less per pupil for support of schools than Medford; of the 36 cities of the State, only three (Woburn, Revere, Chelsea) expended less per pupil for the purpose mentioned than Medford; and of the 353 towns and cities of the Commonwealth, only 58 expended less per pupil than Medford.

The following statements may emphasize further the idea that I am presenting:—

1. If Medford's per capita cost for support of schools for the past school year had been as large as the average for the cities of Middlesex County, our total expenditure for schools in 1916 would have been larger than it was by \$36,163.04.

2. If Medford's per capita cost for support of schools for the past school year had been as large as the average for the State at large, our total expenditure for schools in 1916 would have been larger than it was by \$61,854.82.

3. If Medford's per capita cost for support of schools for the past school year had been as large as the average for the 36 cities of the State, our total expenditure for schools in 1916 would have been larger than it was by \$64,544.16.

In this connection I desire to note how the expenditure per pupil in the schools of Medford for (a) teaching and (b) books and other supplies for instruction compares with the expenditure for the same items for the other cities of the state.

1. Teaching (cost for Principals and Supervisors not included) for school year ending June, 1916, based on average membership of schools.

a. Average cost per pupil for all cities of State, \$27.87.

b. Average cost per pupil for Medford, \$21.75.

It appears, therefore, that the average cost for teaching in Medford for the past school year was less than the similar cost for the 36 cities of the State by \$6.12 per pupil. In other words, if we had expended during the past school year as much per pupil as the average for all the cities of the State, it would have cost us for teaching alone \$35,018.64 more than it did.

2. Textbooks and other supplies for instruction for the school year ending June, 1916, based on average membership of the schools.

a. Average cost per pupil for all cities of the State, \$2.23.

b. Average cost per pupil for Medford, \$2.02.

It appears, therefore, that the average cost per pupil for textbooks and other supplies for instruction in Medford for the past school year was less than the similar average for all cities of the State by 21 cents. In other words, if we had expended per pupil for text books and supplies for instruction during the past school year as much as the average for all cities of the State, it would have cost us for this item \$1,201.62 more than it did.

The foregoing facts not only demonstrate that our schools are not managed extravagantly but also suggest the necessity for a larger expenditure per pupil for support of the schools than we are now making, if our schools are to be kept permanently as efficient as we desire them to be.

The most important single factor in securing good school results is the teacher. It is an impossibility to maintain efficient schools with a weak teaching corps; and to secure and hold with any degree of permanency a large per cent. of first-class teachers in a corps requires that a community pay salaries that compare favorably with those paid in other communities of like character.

Similarly, an adequate equipment of proper books and other supplies for instruction is necessary for the best results.

As I have shown, the expenditure in Medford for both of the above items does not compare favorably with that in the other cities of the State as a whole. Such a condition is a serious handicap to the administration of our schools in a manner that shall produce the best results.

Conditions in General.

In previous reports, I have discussed the various lines of activity in the schools somewhat in detail. It seems sufficient, therefore, at this time merely to say that an intelligent consideration of the results that have been accomplished during the past year in our schools reveals, on the whole, conditions that give considerable ground for satisfaction with the progress made and reasonable hope for further advancement in the year to come.

Our teachers, as a body, are well-trained for their work, anxious to take advantage of opportunities to strengthen themselves professionally, and thoroughly faithful to the interests of the children in their charge; the great majority of our citizens, as I have met them individually and collectively, are ready to co-operate in whatever way they may to aid in the administration of the schools and are appreciative of the work the schools are doing; and the standing of such of our graduates as go on to higher institutions of learning and the comment of visitors to our schools, who are unprejudiced and intelligent with respect to what may reasonably be expected, justify the belief that the money which the City appropriates for the maintenance of its schools is being used advantageously.

New Undertakings of the Year.

In the annual report for 1915, attention was called to the need of employing a competent man to direct the physical training of the boys of the high school. A request for money for that purpose was included in the School Committee's budget, the necessary appropriation was made by the Board of Aldermen and an instructor was secured who began his work with us at the opening of the present school year. The work done thus far justifies the expectation of large benefit to the boys from the opportunity in this direction. The aim of the instructor is not to produce athletes conspicuous for muscular development in any special line but, through well-chosen exercises adapted, so far as possible, to individual needs, to correct physical weaknesses and build up a well-rounded physical being in the boys. Thus far his work has been entirely with the boys of the high school. It is my hope that, a little later, it may be possible to arrange so that some of the instructor's time may be given to the direction of the physical activities of boys in the upper grades of the elementary schools. I may add, also, that our instructor, Mr. Whitten, is anxious to undertake this work whenever it may seem possible.

The most important new undertaking of the year, in my judgment, is the beginning of the junior-high-school plan of organization in our schools. Discussing the junior-high-school idea in his "Problems of Secondary Education" Dr. Snedden of the Teachers' College of Columbia University says:— "The efforts now being made in various states to reorganize curricula of training and instruction for children from twelve to fourteen or fifteen years of age, constitute undoubtedly one of the most significant and important of contemporary movements in education."

The essential features of real junior-high-school organization are as follows:—

1. The grouping of pupils of the last two grades of the elementary school with the first year pupils of the present high school organization, either in a centrally located build-

ing, or in a limited number of district centers, as the area and conditions of the community to be served may warrant.

2. The adoption in these grouped grades of more or less differentiated courses of study in place of the single-type curriculum that has been common throughout the elementary schools.

3. The adoption in these grouped grades of the departmental plan of instruction, wholly or in part, in place of the common plan of teaching in the elementary schools, whereby one person gives the instruction in all subjects of the grade.

There is a widespread feeling among thoughtful educators that the division of the school course into eight or nine years of elementary work followed by four years of high school work,—an arrangement that is purely accidental,—is not adequately efficient in preparing young people, either for advanced academic work, or for actual wage-earning conditions into which the masses must step directly upon leaving the schools.

The growth of this feeling is explained, in part at least, by the following considerations:—

1. In the upper grades of our elementary schools there are many pupils between the ages of twelve and fifteen years who are intellectually slow and who have been retarded in their school progress because the ordinary elementary school curriculum and plan of instruction are poorly adapted to their need. Such pupils being held back with younger children easily lose their self-respect and either leave school as soon as the law permits, or remain to do poorer work than otherwise they might.

2. There are, also, many intellectually quick pupils in the upper grammar grades to whom the ordinary course of study and plan of instruction of the elementary school organization are poorly adapted. These pupils, too, frequently lose interest in their work and fail to show the degree of progress that might fairly be expected of them.

3. It is coming to be recognized that a form of school organization which provides for modified high school

methods of instruction and some differentiation in courses of study at approximately twelve years of age conforms more closely to the need of the developing child, whose nature at about that period is undergoing radical change, than the prevailing organization which makes a sharp break between elementary and secondary school methods at fourteen or fifteen years of age.

As I have suggested, the result of these considerations is a rapidly increasing indorsement of the junior-high-school idea. Leading educational organizations throughout the country have approved the idea; the Departments of Education of many states, including our own, are recorded as favoring it; the Commissioner of Education for the United States has indorsed it; the National Association of State Universities favors it; and a recent investigation made under the auspices of the National Society for the Study of Education shows the plan to be in actual operation in 41 states and that 365 cities have more or less well organized junior high schools.

These facts indicate that a community which adopts the junior-high school plan of organization for its schools is in line with the progressive educational thought and practice of the times.

In my annual report for 1915, it was suggested that the adoption of the junior-high-school plan of organization in our local schools might prove a good solution of the problem confronting us in a high school already over-crowded and in a rapidly approaching congestion of attendance in our elementary schools.

After careful consideration, the School Committee approved the suggestion, which involved the establishment, as rapidly as conditions require, of three junior-high-school centers,—one in the eastern, one in the southern, and one in the western section of the City,—and voted to ask the City Government to appropriate money for the erection of a building for junior-high-school purposes in the eastern district. Money for the purpose was appropriated, the old

Swan School lot was chosen as a site, the construction was begun, and it is expected that the building will be ready for use by February, 1918.

It is planned to place in this building the seventh and eighth grade pupils of the eastern section of the City and also the first-year high school pupils of the same section. This arrangement will relieve for a time the congestion of attendance at the present high school building and also will set free several rooms at the Washington, Franklin, and Osgood Schools for future increase of attendance in the primary grades.

From the educational point of view, some advantages of the junior-high school idea, as I see them, are, briefly stated, as follows:—

1. Differentiated courses of study and a new plan of teaching and administration tend to stimulate the interest of pupils in their school work at a time when otherwise it might easily wane; and interest is the basis of good accomplishment.

2. The proper carrying out of the junior-high-school idea requires a larger percentage of male teachers than prevails today in the upper grades of our present elementary school organization. This fact will prove distinctly advantageous to the best development of young people in this early adolescent period.

3. The proper development of the junior-high-school will demand more broadly trained teachers than are commonly employed at present in the upper grades of the elementary schools. This fact with changes in the course of study and methods of instruction will make conditions for the development of scholarship more favorable than those which prevail largely today, so that pupils who go on to the senior high school will be better prepared to profit from their work in that school. This will tend to reduce the educational pressure that, under present conditions, must be put upon high school pupils in preparing them adequately for work in higher institutions of learning.

4. Many pupils go through the upper grades of the

elementary schools simply because the law compels them to remain in school until they are fourteen or sixteen years of age. In the majority of cases such pupils simply mark time educationally in the final years of the elementary schools. The differentiated work of the junior high school would provide opportunity for this type of pupil to find himself to a degree and in many instances to get initial preparation for later vocational activity.

5. The grouping in their work of pupils whose ideals and general needs are somewhat similar, as would result to a degree under the junior-high-school plan of organization, makes possible increased effectiveness both in teaching and in general management.

6. The experience of many places in which the junior-high school plan is in operation indicates that the plan tends to reduce the per cent. of needless dropping out of pupils from the schools as soon as the law permits. If we admit that education prepares one for better citizenship, and generally speaking this may be fairly claimed, then any plan of administration that tends to prolong the period of school instruction for young people is to be commended as socially valuable.

Further Enlargement of School Accommodations.

In my report for the previous year certain definite needs were indicated with respect to additional school accommodations.

In addition to the needs suggested therein, I desire to discuss briefly two other problems in this direction that confront us.

1. There is need of additional school rooms to meet the requirements of the rapidly increasing school population in the southern section of the City.

The imperative character of this need is apparent when one understands (1) that at the present time there are 51 available regular school rooms to provide for the entire section south of the Mystic River, of which 49 are in use, and

that in addition one regular class is located in the sewing room at the Lorin L. Dame School; (2) that over 50 per cent. of all the above rooms that are in use contain from 40 to 50 pupils each; (3) that, upon the basis of the annual increase in the school population of this section during the past two years, six or seven additional rooms at least will be required by September, 1918, to house properly the pupils of this area; and (4) that, even if action to provide additional accommodations were begun at the earliest possible moment, such a building as it would be wise to build could not probably be made ready for use before September, 1918, at which time we shall need several rooms beyond the present number at our disposal.

In my opinion the wisest method of providing the additional accommodations required in this section is to erect another building for junior-high-school purposes on the Lincoln School lot, which is ample for the purpose.

This plan will set free several rooms in the Lorin L. Dame and Lincoln Schools for future growth in the primary grades by removing the seventh and eighth grades from these buildings, and, at the same time, it will give additional relief at the present high school by holding back in the junior-high-school for a year pupils that under our present arrangement would pass on to the central high school.

2. The second problem in this line that is before us is the condition with respect to school accommodations for the pupils of the Fulton Heights district.

At various times during the past three years the residents of this section have called the attention of the Committee to the need, as they saw it, for a permanent school building in their neighborhood.

At the request of the School Committee the City located a single-room portable building in this area and it was put into use at the opening of the school year, September, 1915. The unexpectedly rapid increase in the number of children of school age in the district since that time has developed a congestion in the attendance at this building that calls for relief in some way. At present, in spite of the fact that all

pupils of this district above grade 3A are sent to the Curtis, Washington, and Franklin Schools, the number left for attendance in the district compels the school there to be run upon a double-shift plan with two teachers.

As I understand it, the inability, heretofore, to forecast at all accurately the development of this section has made it a matter of uncertainty what to recommend with respect to school accommodations at this point. At the present time, however, there are enough children of school age living in this district to fill a four-room building with approximately thirty pupils to a room. In view of that fact, and of the inconvenience to pupils of the lower grades who must be sent to the down-town schools, and also of the practical certainty of a continued increase in the school population of this district, I believe that the time has come to take steps to provide a permanent structure of some nature in this section for the accommodation of the primary and lower grammar grade children living therein.

Conclusion.

In an endeavor to be reasonably brief, I have omitted from this report much that it might be more or less interesting and profitable for the community to consider. Enough has been written, however, I think, to indicate whether or not the administration of the schools during the past year has been worthy the confidence of our citizens; and, that, it seems to me, is the prime purpose of a school report.

In closing, I desire to express my appreciation of the support given my endeavors by an earnest corps of teachers, of the continued confidence of the Committee, as a whole, and of the readiness of the community at large to approve the financial demands for school maintenance that are made necessary by a rapidly growing school population and by the gradually broadening scope of school endeavor. Notwithstanding the many difficult problems and annoying

situations that confront a superintendent of schools in the discharge of his duties, the above-mentioned conditions have made it possible for me to find pleasure in the year's work and thus to serve the interests of the schools to better advantage than would have been possible had conditions been less happy.

Respectfully submitted,

FRED H. NICKERSON,

Superintendent of Schools.

Appendix 1.

June twenty-seven, Nineteen hundred sixteen.

MEDFORD HIGH SCHOOL GRADUATION

At eight o'clock in the evening.

ORDER OF EXERCISES.

Entrance of Class.

Address of Welcome by the President of the Class

Albert O. C. Bradish

"Excelsior" Balfe

School Glee Clubs

Essay, "Shakespeare's Women"

Vera G. Wallace

"Sérénade Roccoco" Meyer Helmund

School Orchestra

Essay, "The Men of Shakespeare"

Edward J. Finnegan

"Twilight Reverie" (Traumerei) Schumann

School Glee Clubs

Valedictory Essay, "The Poet of Humanity"

Mary H. Ellsworth

Selection from "Sybil" Jacobi

School Orchestra

PRESENTATION OF DIPLOMAS

By Hon. Benjamin F. Haines

"America"

MEDFORD HISTORICAL SOCIETY.

a. c. 2814

REPORT OF SCHOOL DEPARTMENT

369

GRADUATING CLASS

| | |
|-------------------------------|------------------------------|
| Charles Henry Andersen | John Fabian Sullivan |
| John Lyman Ballou | Norman Warren Swett |
| Charles Harris Bemis, Jr. | Arthur Gardner Terrill |
| Robert Blair | Harold Clifford Wagner |
| Edward Joseph Bowler | Edward Varnum Wellington |
| William Ernest Brackett | Roger Geoffrey Whear |
| Albert Osgood Cutler Bradish | |
| Clyde Burleigh | Isabelle Ackerman |
| John Henry Byron, Jr. | Eleanor Miriam Albee |
| Sumner Roger Cahoon | Viola Louise Allen |
| Louis Rockwell Chadbourne | Thelma Adelia Andrews |
| Harold Kenneth Chisholm | Esther Marion Bailey |
| Joseph Patrick Clear | Vivien Beaman |
| Richard Warren Coburn | Anna Elizabeth Beatty |
| Raymond William Conner | Grace Charlotte Bell |
| Thomas Johnston Conner | Kathryn Maude Blake |
| Walter Stanley Constantine | Mildred Arnold Blandford |
| Charles David Cosgrove | Beatrice Luella Bosworth |
| Frank Michael Curlin | Elise Hastings Brewer |
| Thomas Edward Dwyer | Mildred Frances Brooks |
| Allan Gustave Ekstrom | Patience Frances Browne |
| George Edward Ellard | Corinne Maybelle Buchanan |
| Lewis Wilson Ellis | Annie Carlson |
| Edward Joseph Finnegan | Adele Lilian Chamberlain |
| John Eugene Garrity | Viola Margaret Chisholm |
| Charles Jerome Gately | Bertha May Clark |
| Donald Clark Grant | Marion Dickson Clark |
| George Augustus Harris | Marion Frances Cobb |
| William Hinkley, Jr. | Margaret Elizabeth Coffey |
| Charles Norton Theophane Kane | Alice Louise Collins |
| Edmund David LaFreniere | Olive Jeanette Covey |
| Harold Freeman Lombard | Dorothea Patricia Cunningham |
| Arthur Taylor Mason | Grace Mary Dogherty |
| Alden Williams Miller | Florence Grace Dyer |
| Loring Cushman Munro | Lena Estella Dyer |
| Joseph Michael Nestor | Margaret Josephine Eeles |
| Ernest Lincoln Newton | Josephine Emma Eldridge |
| Joseph Albert Ober | Mary Helen Ellsworth |
| Raymond Francis O'Brien | Beatrice Mae Fairweather |
| William Francis O'Brien | Florence Bond Ferguson |
| Joseph Eliot Peckham | Agnes Mary FitzGerald |
| Alfred Davenport Polsey | Dorothy Gertrude Flanagan |
| James Francis Prendergast | Elza Esther Freeman |
| Clifford Sheldon Reynolds | Madeline Frost |
| Kenneth Hooper Robes | Gladys Elizabeth Gill |
| William Albert Rogge | Helen Gordon |
| James William Roughsedge | Isabelle Nora Greene |
| Arthur Gustave Soderlund | Marian Wolfe Hamilton |

| | |
|----------------------------|------------------------------|
| Anne Frances Harrington | Alice May Purinton |
| Esther Francena Hayden | Freda May Rankin |
| Isabel Anita Hayes | Agnes Isabel Rhodes |
| Winifred Claire Hernan | Estelle Edna Sears |
| Stella Frances Hollis | Edith Sise |
| Marion Hovey | Muriel Anne Sleep |
| Ruth Wood Ilsley | Evelyn Mildred Smith |
| Ruth Formcan Ingraham | Violet May Smith |
| Ruth Elizabeth Jones | Ruth Elizabeth Standcumba |
| Violet Vernita Jones | Alberta Izola Stokell |
| Gertrude Agnes Kilroy | Alice Hudson Stone |
| Mabel Julia Leahy | Catherine Doris Sullivan |
| Rose Elizabeth Lipson | Mabel Estelle Sweetser |
| Catherine Hill Livermore | Anna Louise Swenson |
| Anne Elizabeth Magennis | Ruth Louise Swett |
| Helen Louise Mahoney | Helen Iona Taylor |
| Edith Alice Manning | Margaret Elizabeth Torrens |
| Florence Virginia Marshall | Rosaline Blanche Thomann |
| Ada Mae Martin | Wilhelmina Fredericka Turner |
| Margaret Mary Maxwell | Marie Twombly |
| Anna Florence Moore | Mildred Arleen Tyler |
| Assunta Mosca | Aurora Marie Vobis |
| Mary Augusta Murphy | Vera Gertrude Wallace |
| Doris Alberta Noble | Helen Gertrude Ward |
| Annie Susan O'Brien | Eileen Veronica Welsh |
| Corinne Frances Parent | Elizabeth Ames Weston |
| Dorothy Alice Parsons | Ethel Alice Whelan |
| Aphra Marion Partridge | Margaret Cecilia White |
| Ethel Lee Patterson | Eva Alberta Wrye |
| Mabel Gertrude Phillips | Elizabeth Viola Young |

| | |
|--|----------------|
| No of boys graduated..... | 54 |
| No. of girls graduated..... | 101 |
| Total No. graduated..... | 155 |
| Average age of class at graduation | 18 yrs. 6 mos. |

HONORABLE MENTION

Asterisks Indicate Advanced Work.

| | |
|-----------------------------------|--|
| Isabelle Ackerman..... | *Latin, German |
| Anna Elizabeth Beatty..... | History |
| Patience Frances Browne..... | *Latin |
| Corinne Maybelle Buchanan..... | *Latin |
| Adele Lilian Chamberlain..... | *English, Commercial Subjects |
| Marion Dickson Olark..... | *English |
| Alice Louise Collins..... | *English |
| Dorothea Patricia Cunningham..... | *English |
| Grace Mary Dogherty..... | *Latin, French |
| Mary Helen Ellsworth..... | *English, *Latin, German, *Mathematics |
| Florence Bond Ferguson..... | French |
| Edward Joseph Finnegan..... | *English |
| Agnes Mary FitzGerald..... | *English |
| Gladys Elizabeth Gill..... | *English, History |
| William Hinckley, Jr..... | German |
| Stella Frances Hollis..... | *English |
| Ruth Wood Ilsley..... | *English, French |
| Catherine Hill Livermore..... | *English, *Latin |
| Anne Elizabeth Magennis..... | *English, *Latin |
| Alden Williams Miller..... | *English, *Mathematics |
| Annie Susan O'Brien..... | Commercial Subjects |
| Dorothy Alice Parsons..... | *English, French, *Commercial Subjects |
| Aphra Marion Partridge..... | *English, French, Drawing |
| Edith Sise..... | *English |
| Muriel Anne Sleep..... | *English, Drawing |
| Norman Warren Swett..... | Science |
| Ruth Louise Swett..... | *English, *Latin, German |
| Aurora Marie Vobis..... | Drawing |
| Vera Gertrude Wallace..... | History |

Honorable mention is given in the following groups:—English, Latin, French, German, History, Science, Mathematics, Drawing, Commercial Subjects, on a basis of at least three years' work with fifty per cent. of the marks A.

Appendix 2.

PRIZE DRILL OF THE M. H. S. BATTALION

May 12, 1916.

Medford Armory.

PROGRAM.

ConcertTreet's Orchestra

Battalion Formation and Drill,
Commanded by Major HineckleyCompany Competitive Drill
Company A, Captain Miller
Company B, Captain Wagner
Company C, Captain Finnegan
Company D, Captain Cosgrove
Company E, Captain PolseySenior Individual Prize Drill
Commanded by Adjutant TerrillExhibition Bayonet Drill
Commanded by Major Hineckley

Escort of Colors.

Battalion Parade and Award of Prizes for Company Drill,
Senior Individual Drill and Junior Individual Drill of
May 5, 1916, by Mayor Benjamin F. Haines.

Dancing until Twelve.....Treet's Orchestra

Officer of the Day.....Quartermaster Ballou

Drill Instructor.....Major O. J. Whitney
Fifth Regiment, M. V. M.

Appendix 3.

FIELD DAY OF THE M. H. S. BATTALION

June 3, 1916.

High School Athletic Field.

PROGRAM.

Morning:

| | |
|-----------------------------|-------|
| Assembly (High School)..... | 7.30 |
| Setting-up Drill | 8.30 |
| Guard Mount | 8.45 |
| Company Drill | 9.15 |
| Athletics | 10.00 |

Afternoon:

| | |
|---|------|
| Dinner | 1.00 |
| Battalion Review | 2.00 |
| Battalion Drill | 2.15 |
| Band Concert | 2.30 |
| Battalion Parade and Award of Commissions.... | 3.00 |

Appendix 4.

GYMNASTIC MEET.

GIRLS OF MEDFORD HIGH SCHOOL

May 19, 1916

- Marching
Classes I, II, II, III, III, IV
2. Floor Work
Classes I, II, II, III, III, IV
3. Dancing
Class IV
Swedish Schottische
Czebogar
Tarantella
- Apparatus Work
- | | | |
|--------------------|---|----------------------|
| Face Vault | } | Classes I, II, II |
| Jump | | |
| Oblique Jump | | |
| Oblique Vault | } | Classes III, III, IV |
| Parallel Bar Vault | | |
| Jump | | |
| Oblique Jump | | |
5. Obstacle Relay Race
Classes I, II, II, III, III, IV
6. Dancing
Class IV
The Tempest
Kamarinskaia
Irish Lilt
Minuet

At the close of the program the decisions of the Judges will be announced.

Music by Medford High School Orchestra.

Appendix 5.

A.

Pupils Promoted to High School, February, 1916.

Centre School.

Boys

| | |
|---------------------|----------------------|
| James F. Archibald | *Charles H. Hynes |
| Philip K. Baldwin | W. Harold LeBlanc |
| *John A. Bates | Howard B. Johnson |
| Lester L. Bennett | William Johnson |
| Norman H. Bowen | Ernest A. Joyce |
| Warren A. Boyle | John M. Kelley |
| Thomas J. Byrne | George N. Knight |
| John W. Cass, Jr. | Carlyle L. Lakeman |
| J. Elmer Chisholm | Charles H. Leighton |
| Joseph Comiskey | Jean H. Lockhart |
| *Thomas J. Connolly | Melvin E. Lofquist |
| John D. Connors | John F. McCarthy |
| James O. M. Cook | William J. MacIsaac |
| Marston S. Crooker | George H. McKenna |
| Roy G. Curtis | James P. Magennis |
| Carroll W. Davison | William G. Maginnis |
| William J. DeMan | Lester B. Marshall |
| W. Edward Dennett | Frank P. Metcalf |
| Irving W. Dingwell | Henry C. Monighetti |
| Martin P. Doyle | Francis A. O'Brien |
| J. Lawrence Duffee | Chester G. Pearson |
| Gordon O. Erickson | *Bertram F. Pierce |
| Frederick A. Ewell | George W. Pray |
| Edward E. Farmer | Joseph E. Reagan |
| Charles Fierman | Julian G. Rogier |
| James E. Fitzgerald | Albert Rosen |
| John C. Foley | Leonard P. Safford |
| H. Bliss Foster | Lester W. Shaw |
| Allan T. Frazier | Herbert W. Smith |
| John W. Gahan | Leslie E. Snow |
| DeMelle G. Garey | George A. Spear, Jr. |
| George E. Glawson | Raymond E. Spears |
| Elmer B. Graves | Oscar H. Thomann |
| Hollis L. Gray | F. DeWitt Webber |
| Harold J. Griffin | Charles S. Wells |
| Harry C. Hackett | Frederic L. Wescott |
| Arthur H. Haines | Victor J. Zani |
| *Leon M. Higgins | Robert E. Weitz |
| Ralph M. Howard | |

*Did not enter High School.

Pupils Promoted to High School, February, 1916.

Centre School.

Girls.

| | |
|-----------------------|----------------------|
| Lelia B. Allen | Bertha M. Laforet |
| Lillian J. Anderson | Agnes M. Lanctot |
| Anna A. Baptiste | E. Hazel Lee |
| Louise L. Bates | Blanch C. Leighton |
| Helena C. Beatty | Martha DuB. Loveland |
| Isabelle G. Blais | Margaret M. McCarthy |
| Angele Blangard | Beatrice L. McIntire |
| Grace E. Boland | Mildred McIntosh |
| Pearl A. Bornstein | Letitia McKinney |
| Rae M. Bowman | Christine O. McLean |
| Mary M. Brewer | Ethel Magee |
| Hazel C. Brown | Hope F. Manton |
| Elizabeth M. Carleton | Geneva E. Menard |
| Barbara M. Carter | Mary L. Murphy |
| Helen B. Castle | Beatrice G. Nestor |
| Thelma G. Clee | H. Eloise Ogden |
| Doris M. Crosgrove | Helen W. Packard |
| Anna M. Coughlin | Cora H. Peardon |
| Nellie E. Cronin | Lillian E. Peters |
| Leone Cunningham | Ida Phillips |
| Katherine Curtis | Grace J. Posselt |
| *Lida G. D'Entremont | Alice C. Riley |
| Christine A. Drady | Teresa M. Rizzo |
| Mary J. Dwyer | Marian E. Tobinson |
| Hope A. Ellison | Helen B. Schmitz |
| Marjorie A. Evans | Ruth E. Shenk |
| Gladys Ewell | Catherine C. Shine |
| Ruth Gates | Florence H. Slack |
| Hazel Gill | Marion W. Snow |
| Irene E. Gillespie | Shirley S. Stewart |
| Flora M. Harvey | Violet E. E. Stewart |
| Helen A. Holbrook | Marie J. Surabian |
| Shirley E. Hollis | Irma C. Tatton |
| M. Marion Holtzgreen | Gwendolyn B. Taylor |
| Murelle Hooper | Audrey Tobin |
| Marie G. Hormel | Gladys M. Wanamaker |
| Beatrice Ilsley | Marie A. Ward |
| Carmella Ippolito | Doris A. Welch |
| Celia Izen | Louise Whitcomb |
| Hilda W. Johnson | Lillian C. White |
| Gertrude S. Kramer | |

*Did not enter High School.

Pupils Promoted to High School, February, 1916.**Brooks School.****Boys.**

William B. Harris
 James J. Hartnett
 John C. Hennessy
 Edgar H. Johnson
 *Joseph Johnson
 Roger W. Lightfoot
 John H. McPherson
 John J. Munro
 H. Oliver Pearson
 Norbert B. Quinn
 Luther W. Stoard
 *John C. Trepaney
 Lawrence H. Witherell

Girls.

Florence M. Bartlett
 Emma C. Bowers
 Kathryn W. Carpenter
 Marion E. Clark
 Bertha C. Ellis
 M. Bernadette Gingras
 Mary T. Johnson
 Vivien Kountz
 Constance Lynch
 Mary O'Sullivan
 Gladys E. Perham
 Helen H. Smith
 Louise E. Stearns
 Nathalie P. Thiel
 Elizabeth Thorpe

*Did not enter High School.

Entered High School, February, 1916, 96 per cent.

B

Pupils Promoted to High School, June, 1916.
Centre School.

Boys.

Beryl C. Bacon
Robert S. Begien
Frederick L. Bosworth
*John J. Cleary
Alfred F. Colby
*Thomas J. Connolly
Christopher M. Conway
*Chester R. Critch
Edward D. Cronin
John J. Dignan
David E. Ducharme
Ralph E. Esner
Dwight C. Farnham
Patrick F. Feeley
Edward P. Frazier
Richard B. Frost
Stewart M. Gibson
Leonard O. F. Hadley
James B. Harris
Melvin G. Hinds
Emery W. B. Howard
Ralph M. Howard
*Clifton B. Jones
*Harold W. Jones
Avery L. Joyce
Richard S. Leary
*Fred A. Lunn
Frank Manghelinckx
Rene G. Maurette
Raymond F. Morris
William A. Morrissey
Phillip F. Nelson
Stanley E. Ober
Harold B. Pendleton
*James D. Reynolds
Silvio Sarnie
Albert J. Smalley
Herbert W. Smith
Leslie E. Snow
Lewis E. Stowe
C. Sumner Teel
J. Richardson Teel, 2nd.
Herbert A. Thomas
*William Tighe
George B. Toomey
Anthony B. Vieira
Clarence G. Wellington
Arthur L. Waterbury
Charles Wear, Jr.
Frederic L. Wescott
P. Harold Weymouth

Thomas W. L. White
*George A. Yule

Girls.

Grace M. Ballou
Charlotte Beals
Lena L. Bonney
S. Verna Boulter
Mary G. Boutillier
Adeline E. Chretien
*Mary S. Costello
Gertrude M. Craft
Eleanor F. Cutler
Helen F. Dennis
Gertrude R. Dwyer
Helen L. Eastman
*Doris A. Edwards
Mary E. Ellinwood
Rebecca T. Farnham
Florence E. Foley
Helen M. Fynes
Caroline C. Gardella
Grace A. Geary
Agnes E. Gerrard
Mary A. Grady
A. Elizabeth Hall
Marion Hooper
Katharin F. Howe
Marion E. Jenkins
Edith R. Kilpatrick
Beatrice O. Knox
V. Eleanor Lamb
Gladys I. Lord
Sarah J. Lovell
Jennie Lyons
Gladys J. Macaulay
*Julia E. Maguire
*Margaret Marquebreuck
Marjorie Marson
Miriam Nickerson
Genevieve L. Reid
Violette E. Robertson
Helen P. Robes
Alice A. Rourke
Charlotte A. Valentine
Josephine C. Vobis
Mary L. Vye
Olive W. Ward
Jessie I. Watson
Jean T. Wear
Doris D. Wilkins
Rhoda E. Young

*Did not enter High School.

Pupils Promoted to High School, June, 1916.**Brooks School.****Boys.**

Walter Barnard
 Walter J. Bonugli
 Theodore A. Brayton
 Frederic C. Connell
 Earle S. Cox
 Bernard S. Creedan
 Frederick L. Fish
 Warren W. Johnson
 Wilbur W. Johnson
 David R. McInnis
 Charles McNamee
 John J. Munro
 Newbert K. Norton
 John B. O'Leary
 Fred H. Perrin
 Arnold Starr
 W. Terrell Smith
 Arthur E. Stewart
 Arthur S. Tibbals
 William F. Travers
 William A. Tucker, Jr.
 Herbert Weston
 Llewellyn P. White

Girls.

*Mildred Armstrong
 Rachael F. Bowden
 Emma C. Bowers
 Hattie E. Bowling
 *Irene B. DeVito
 *Elinor M. Fannon
 Olive J. Kelsey
 *Bernice M. Lockhart
 Mabel C. Lowry
 *Helena G. McGrath
 Rachael B. Pierce
 Marjorie G. Pierce
 K. Elise Sanford
 *Dorothy Shaw

*Did not enter High School.

Pupils Promoted to High School, June, 1916.

Lincoln School.

Boys.

David A. Barr
 Leonard H. Campbell
 Harold Cashman
 *Anthony Catino
 *Patsy Catino
 Chester W. Chisholm
 Charles W. Comstock
 Leroy A. Dunn
 *George L. Elliott
 *Allan A. Harvey
 *Bernhard J. S. Hoffmann
 Geoffrey H. Houlder
 James A. Julian
 Frank J. Leverone
 Joseph F. Manzo
 Wendell D. Nourse
 Lawrence Novack
 David S. A. Petitti
 *Charles M. Romsey
 *Charles H. Smith
 Lawrence K. Warner
 Stanley Y. Whitney
 Edmund B. Wilcin
 Leonard E. Young
 Simon Zinburg

Girls.

*Cecilia Amaral
 Jean E. Baird
 Esther A. Berglof
 Grace J. Ciccolo
 Ethel A. Ekstrom
 Grace M. George
 Lily Grahm
 Margaret H. Greene
 M. Eileen Guthrie
 Eleanor F. Holman
 *Helen P. Howard
 Helen F. Johnson
 Katherine F. Kane
 Gladys C. Kiley
 Catherine V. Knock
 Edith M. Koch
 Leone E. Mahoney
 Matilda K. McFee
 Jean McJannett
 Carolyn G. McNeill
 Grace D. R. Montague
 Pauline S. Newcomb
 Sophie Phillips
 *Glenna B. Powers
 Kathrine F. Sharkey
 Rose Skolnick
 *Agnes M. Spiegelhalter
 *Irene C. Sutherland
 Josephine R. Thompson
 Gertrude A. Turner
 *Mary M. Whittimore

*Did not enter High School.

Entered High School, September, 1916, 84 per cent.

Appendix 6.

ORGANIZATION OF SCHOOL STAFF.

December 31, 1916.

(Full Face signifies attended without graduation.)

| Teachers | Department | Where educated | When elected. |
|-------------------------------|---|---|---------------|
| Fred H. Nickerson, A.M., | Superintendent, | Bates, Harvard, | 1909 |
| HIGH SCHOOL. | | | |
| James D. Howlett, A.B., | Principal, | Colgate Uni- versity, | 1912 |
| Leonard J. Manning, A.B., | Principal Emeritus, | Harvard, | 1877 |
| *Frank S. Gilkey, A.B., | Sub-Master, | Harvard, | 1897 |
| †Sara A. Clapp, | Junior Sub-Master, | Paris, Gotten- gen | 1894 |
| Percy S. Brayton, A.B., | Dept. of Physical Science and Mathematics, | Harvard, | 1903 |
| Laura P. Patten, | Dept. of Chemistry and Household Science, | Salem Normal, Boston Uni- versity, | 1897 |
| Earle Powers, | Dept. of Com. Subjects, | Bay Path In- stitute, Boston Uni- versity, | 1915 |
| Hila Helen Small, A.M., | Dept. of English, | Boston Uni- versity, | 1915 |
| Ralph L. Kendall, A.B., | Mathematics, | Bates, | 1908 |
| James E. Mansfield, A.B., | Mathematics, | Holy Cross, | 1913 |
| Raymond S. Tobey, A.B., | General Science, | Harvard, | 1914 |
| Edward J. McCarthy, | Stenography, | Simmons Col- lege, | 1915 |
| Harold Lyon, M.S., | General Science and Bot- any, | Harvard, Mass. Agricul- tural, | 1916 |
| C. Leroy Cleaver, Ph.B., | English, | Dickinson, Harvard, | 1916 |
| Arthur Schubert, A.B., | English, German, | Bates, | 1916 |
| Philip F. Whitten, B.S., | Hist., Physical Training, | Amherst, | 1916 |
| *Adolph O. Christiansen, A.M. | History, Civics, | Brown, Har- vard, | 1916 |

*Dept. of Ancient Languages—†Dept. of Modern Languages.

‡Substitute.

| | | |
|----------------------------|----------------------------|--|
| L. Ethel Smith, A.B., | French, | Mt. Holyoke, University of Grenoble, 1909 |
| Marcia H. Smith, A.B., | Latin, German, | Wellesley, 1909 |
| Carrie M. Tozier, A.B., | English, | Colby, 1906 |
| Cecelia A. McCarthy, | Bookkeeping, | Salem Normal, 1910 |
| Esther E. Ladd, A.B., | Latin, | Tufts, 1911 |
| Martha C. Bennett, | Stenography, | Mass. College of Com- merce, 1911 |
| Bessie J. Mason, | Bookkeeping, Arithmetic, | Plym'th Busi- ness School, 1912 |
| Lillian R. Edmands, A.B., | Biology, Botany, | Mt. Holyoke, 1912 |
| Elizabeth W. Carvell, | Type., Sten., Bookkeeping, | New Bruns- wick Nor- mal, 1913 |
| Cecile E. Giroux, A.M., | English, French, | Radcliffe, 1913 |
| Grace F. Garvin, | English, | Potsdam Nor- mal, 1909 |
| Octavia Chapin, A.B., | Chemistry, Physics, | Tufts, 1914 |
| Cora E. Riley, A.B., | Mathematics, | Mount Hol- yoke, 1914 |
| Mabel A. Gannett, | English, | Brown 1914 |
| Lura M. Wakefield, | Cooking, Sewing, | Gorham Nor- mal, Sim- mons, 1914 |
| Louise Anderson, A.B., | English, | Boston Uni- versity, 1914 |
| Lillian M. Bowker, A.B., | Latin, French, | Boston Uni- versity, 1915 |
| Martha Stevens, A.B., | History, | Boston Uni- versity, 1915 |
| Christine D. Ross, | French, | Steybecri- schen Insti- tute, Leib- zig; La Sor- bonne, Pa- ris, 1915 |
| Miriam R. Woolley, | Millinery, Sewing, | Simmons Col- lege, 1915 |
| Alice G. Whittemore, A.B., | History, Civics, | Wellesley, 1915 |
| Charlrvine B. Davis, | English, Com. Subs., | Burdett Col- lege, 1915 |
| Dora E. Schiel, A.B., | English, | Boston Uni- versity, 1916 |
| Lubelle H. Hodgman, A.B., | Latin, History, | Colby, 1916 |
| Madeleine C. Brydon, A.B., | French, German, | Smith, 1916 |
| Alice J. Thatcher, | Stenography, Typewriting, | Boston Uni- versity, 1916 |

| | | | |
|------------------------------|---------------------------|------------------------|------|
| Elisabeth F. Jackson, Ph.D., | English, History, | University of Penn. | 1916 |
| Jennie M. Pedersen, | Bookkeeping, Typewriting, | Salem Normal, | 1916 |
| Luella R. Lyon, | Pen. Com. Cor., | Westfield Normal, | 1916 |
| ‡Donna M. Brewer, Ph.B., | English, | University of Vermont, | 1916 |
| Miriam F. Remele, | Clerk, | | 1911 |

CENTRE SCHOOL.

| | | | |
|---------------------------|-----------------|------------------------------------|------|
| James D. Howlett, A.B., | Master, | Colgate University, | 1912 |
| C. Leroy Cleaver, Ph.B., | Master's Asst., | H. S. Section, Dickinson, Harvard, | 1916 |
| James E. Mansfield, A.B., | H. S. Section, | Holy Cross, | 1913 |
| Philip F. Whitten, B.S., | H. S. Section, | Amherst, | 1916 |
| Lubelle H. Hodgman, A.B., | H. S. Section, | Colby, | 1916 |
| Nilla G. Clinton, | 8A., | Framingham Normal, | 1911 |
| Katherine F. Baker, | 8A., | Lowell Normal, | 1908 |
| Elinore B. McCalmont, | 8A., | Posse Normal School of Gymnastics, | 1909 |

WASHINGTON SCHOOL.

| | | | |
|----------------------|-----------------|---|------|
| Galen W. Flanders, | Master, | Harvard, Bridgewater Normal, | 1910 |
| Lucille M. Dunton, | Master's Asst., | 8B., Somerville High, | 1906 |
| Annie E. Durgin, | 7A., | Salem Normal, | 1877 |
| Emma A. Jordan, | 7B., | School of English Speech and Expression | 1916 |
| Ethel E. Asker, | 6A., 6B., | Frederickton Normal, N. B., | 1909 |
| Madeline E. Connor, | 6B., 5A., | Salem Normal, | 1914 |
| Minnie E. Kattell, | 5B., | Hyannis Normal, | 1914 |
| Mariette T. Fernald, | 4A., 4B., | Salem Normal, | 1893 |

FRANKLIN SCHOOL.

| | | | |
|---------------------|-----------------|------------------------------|------|
| Galen W. Flanders, | Master, | Bridgewater Normal, Harvard, | 1910 |
| Alice D. Bowen, | Master's Asst., | 8B., Salem Normal, | 1915 |
| E. Blanche Hinds, | 8B., | Boston Normal, | 1916 |
| Mary Waitt, | 7A., | Coffin School, Nantucket, | 1903 |
| Bertha R. Davis, | 7B., 6A., | Fitchburg Normal, | 1910 |
| Elizabeth R. Carty, | 7B., | Girls' High, Boston, | 1891 |
| Flora D. Jacques, | 6A., 6B., | Farmington, Me., Normal, | 1916 |
| Mabel Seward, | 6B., | Farmington Normal, | 1912 |
| Louisa W. Lasell, | 5A., | Salem Normal, | 1888 |
| Anna M. Roberts, | 5B., | Hyannis Normal | 1901 |
| Helen G. Manley, | 5B., 4A., | Salem Normal, | 1916 |
| Anna L. DeAvellar, | 4B., | Salem Normal, | 1915 |

‡ Substitute

EVERETT SCHOOL.

| | | | |
|-----------------------------|-----------|----------------------|------|
| Ida L. Hartshorn, Principal | 3A., 3B., | Medford High School, | 1872 |
| Sara K. Ordway, | 3B., 2A., | Salem Normal, | 1916 |
| Alice C. Reed, | 2B., 1A., | Hyannis Normal, | 1893 |
| Ruth K. Burrage, | 1B., | Bridgewater Normal, | 1898 |
| Edith G. Wheaton, Asst., | | Salem Normal, | 1915 |

OSGOOD SCHOOL.

| | | | |
|--|---------|---------------------------|------|
| Elizabeth T. Newell, B.S. Principal | 7., 6., | Columbia University, | 1914 |
| Caroline M. Huchet, | 5., 4., | Hyannis Normal, | 1913 |
| Bertha C. Brown, | 3., 2., | New Britain Normal, | 1896 |
| Josephine W. Leighton, | 2., 1., | Portland Training School, | 1915 |
| Helen N. Wilson, Asst., | | Perry Kg. Tr. School, | 1916 |

JAMES SCHOOL.

| | | | |
|-----------------------------|-----------|------------------------------------|------|
| Katherine M. Clark, | 5B., 4A., | North Adams Normal, | 1908 |
| Nellie M. Baker, Principal, | 4B., 3A., | Farmington Normal, | 1897 |
| Amy W. Bradbury, | 3B., | Salem Normal, | 1909 |
| Emma J. Bresnahan, | 3B., 2A., | Salem Normal, | 1907 |
| Ruth W. Carpenter, | 2B., | Miss Fisher's Kg. Tr. School, | 1914 |
| Ruth S. Quimby, | 1A., 1B., | Miss Wheelock's Kg. Tr. School, | 1915 |
| Anna S. Tucker, | 1B., | Miss Symonds' Kg. Tr. School, | 1898 |

CURTIS SCHOOL.

| | | | |
|----------------------------|-----------|--------------------------|------|
| Hazel M. Richardson, | 4A., 4B., | Charlestown High, | 1915 |
| Gertrude P. Dwyer, | 4B., 3A., | Mt. St. Vincent College, | 1916 |
| Agnes G. Sweeney, | 3B., | Salem Normal, | 1903 |
| *Alice H. Moore, Principal | 2A., 2B., | Bridgewater Normal, | 1915 |
| Josephine A. Martin, | 2B., 1A., | Oread Institute, | 1905 |
| Elizabeth VanH. Frame, | 1B., | Castine Normal, | 1915 |

BROOKS SCHOOL.

| | | | |
|--------------------------------------|--------|----------------------|------|
| Clifton W. M. Blanchard, | Master | Bridgewater Normal, | 1911 |
| Gertrude S. Light, Master's Asst. | 8A., | Girls' High, Boston, | 1884 |
| Lena E. Patten, | 8B., | N. H. State Normal, | 1910 |
| Frances M. Eastman, A.B., | 7A., | Smith College, | 1902 |
| Bertha E. Forster, | 7B., | Fitchburg Normal, | 1903 |
| Mary E. Gorman, | 6A., | Salem Normal, | 1907 |
| Maud W. Bacon, | 6B., | Castine Normal | 1915 |
| Grace W. Lilly, | 5A., | Farmington Normal, | 1904 |
| Alice F. Wilbur, | 5A., | Bridgewater Normal, | 1889 |

BROOKS SCHOOL (Continued)

| | | | |
|-----------------------|-----------|-----------------------|------|
| Annie W. Hubbard, | 4A., | Bradford Academy, | 1897 |
| Ethel M. Crook, | 4B., | Eastern State Normal, | 1916 |
| Elizabeth J. Colcord, | 4B., 3A., | Salem Normal, | 1915 |
| Charlotte M. Macadam, | 3B., | Salem Normal, | 1915 |

GLEASON SCHOOL.

| | | | |
|--------------------------------------|-----------|---------------------------|------|
| Catharina W. Billings, Principal, | 2A., 2B., | Quincy High, | 1892 |
| Alice L. Bryan, | 1A., 1B., | Miss Symonds' Tr. School, | 1895 |

HERVEY SCHOOL

| | | | |
|-----------------------------|-----------|-------------------------------------|------|
| Flora E. Hinman, Principal, | 3A., 3B., | Westfield Normal, | 1902 |
| Ella L. Alden, | 2A., 2B., | Medford High, | 1883 |
| Alice R. Sprague, | 2B., 1A., | Miss Wheelock's Training School, | 1902 |
| Kathleen V. O'Hara, | 1B., | Boston Normal School, | 1911 |

LORIN L. DAME SCHOOL.

| | | | |
|----------------------------------|-----------|--------------------------|------|
| Henry B. Doland, | Master, | Bridgewater Normal, | 1886 |
| Mary E. Frye, Master's Asst., | 8A., 8B., | Farmington Normal, | 1912 |
| Alice D. Ayres, | 8B., | Norwich Academy, | 1903 |
| *Adella L. Adams, | 7A., | Hitchcock Academy, | 1916 |
| Vandelia A. Dexter, | 7B., | Salem Normal, | 1909 |
| Marion Pierce, | 7B., 6A., | Concord Training School, | 1910 |
| Harriett B. Garritt, | 6A., 6B., | Framingham Normal, | 1911 |
| *Ruth B. Williams, | 6B., 5A., | Bridgewater, | 1916 |
| Annie M. Henderson, | 5A., 5B., | Coburn Institute, | 1914 |
| Josie L. Blakely, | 5B., | Salem Normal, | 1904 |
| Harriett E. Brooks, | 4A., | Dudley Academy, | 1887 |
| Mary P. Titecomb, | 4A., 4B., | Girls' Latin, Boston, | 1904 |
| Della E. Joslin, | 3A., 3B., | Bridgewater Normal, | 1902 |

HANCOCK SCHOOL

| | | | |
|------------------------------------|-----------|------------------------------------|------|
| Ida B. Jacques, | 4B., | Aroostook State Normal, | 1916 |
| Winifred M. Crockwell, | 3A., 3B., | Salem Normal, | 1908 |
| Jennie S. Archibald, Principal, | 3B., 2A., | Medford High, | 1890 |
| Annie M. Jenness, | 2B., | Froebel Training School, | 1912 |
| Lena R. Volpe, | 1A., 1B., | Miss Wheelock's Kg. Tr. School, | 1914 |

* Substitute

CRADOCK SCHOOL.

| | | | |
|-----------------------|-----------|--------------------------|------|
| Alice G. Phemister, | 4B., 3A., | Mrs. Perry's Tr. School, | 1905 |
| Adelaide S. Herriott, | | | |
| Principal, | 3B., 2A., | Hyannis Normal, | 1878 |
| Marian Poole, | 2B., 1A., | Bridgewater Normal, | 1910 |
| Miriam P. Clark, | 1B., | Lowell Normal, | 1910 |

HILLSIDE SCHOOL

| | | | |
|------------------------------|-----------|-------------------------|------|
| Mabel T. Kalloch, Principal, | 3B., 2A., | Farmington Normal, | 1909 |
| Cora M. Gordon, | 2B., | Bangor Training School, | 1907 |
| Octavia A. Stewart, | 1A., | Framingham Normal, | 1908 |
| Genevieve F. Kane, | 1B., | Gorham Normal, | 1916 |

LINCOLN SCHOOL.

| | | | |
|--------------------------|-----------|---------------------------|------|
| George W. Parsons, A.M., | Master | Bowdoin, | 1890 |
| Winnifred L. Evans, | | | |
| Master's Asst. | 8A., | Gorham Normal, | 1892 |
| Rhoda C. Slate, | 8B., | Westfield Normal, | 1901 |
| Annie E. Barbeau, | 7A., | Denver City Normal, | 1901 |
| Winnifred K. Partridge, | 7A., 7B., | Bridgewater Normal, | 1916 |
| Alma A. Thomas, | 7B., | Tufts, | 1909 |
| A. Gertrude Sharkey, | 6A., | Salem Normal, | 1914 |
| E. Alice Payn-Sills, | 6B., | Provincial Normal, N. B., | 1892 |
| Linna M. Ferrer, | 6B., | Bridgewater Normal, | 1911 |
| Helen M. Johnson, | 5A., | Newburyport Tr. School, | 1886 |
| *Gertrude P. Daly, | 5B., | Salem Normal, | 1916 |
| Grace Titecomb, | 5B., | Salem Normal, | 1911 |
| Anna D. Rose, | 5B., 4A., | Salem Normal, | 1915 |
| Harriet E. Gage, | 4A., 4B., | Salem Normal, | 1912 |
| Retta Barrett, | 4B., | Westfield Normal, | 1905 |

TUFTS SCHOOL.

| | | | |
|---------------------|-----------|---------------------------|------|
| Jessie M. Dinsmore, | Principal | Hyannis Normal, | 1885 |
| Mary I. Phemister, | 3A., 3B., | Chelsea High, | 1897 |
| Mary E. Forsythe, | 3B., | Plattsburg Normal, | 1916 |
| Martha S. Wheeler, | 3B., 2A., | Salem Normal, | 1914 |
| Emma E. Whitney, | 2B., | Framingham Normal, | 1894 |
| Ada V. Dolan, | 2B., | Salem Normal, | 1915 |
| Jane M. Barnard, | 1A., | Miss Symonds' Tr. School, | 1896 |
| Estelle F. Stetson, | 1B., | Salem Normal, | 1913 |
| Mary A. Gilligan, | 1B., | Boynton High, Eastport, | |
| | | Maine, | 1916 |

FULTON STREET SCHOOL.

| | | | |
|--------------|-----------|---------------|------|
| Mary Coffey, | 1B., 3A., | Salem Normal, | 1915 |
|--------------|-----------|---------------|------|

* Substitute

SPECIAL TEACHERS.

| | | |
|---|--|------|
| Margaret E. Grady, Primary Supervisor..... | Salem Normal, 1912 | |
| George H. Woods, Music | Boston University, 1916 | |
| Mildred S. Jones, Music..... | Conservatory of Music, 1911 | |
| Josephine Kintz, Drawing..... | Normal Art School, 1903 | |
| Flora L. Enright, Asst., Drawing..... | Normal Art School, 1911 | |
| Elma M. Soderquist, Sewing.. | School of Domestic Science, Simmons College | 1911 |
| Eugenia Wilson, Domestic Science, Sewing..... | Simmons College, 1913 | |
| Joseph T. Whitney, Manual Training..... | M. I. Technology, 1894 | |
| Melvin V. Weldon, Asst., Manual Training..... | 1912 | |
| Herbert J. Nicholls, Asst., Manual Training, Bradley Institute, | 1915 | |
| Glennie A. Allen, Gymnastics.. | Boston School of Physical Education, 1916 | |
| Maj. O. J. Whitney, Military Instructor..... | 1909 | |

EVENING SCHOOL.

| | |
|--|----------------------------|
| Clifton W. M. Blanchard, Principal..... | Penmanship |
| Cecelia A. McCarthy, Superv. H. S. Dept..... | Bookkeeping |
| Harry H. Fogg..... | Mechanical Drawing |
| Grace W. Lilly..... | Non-English Speaking Class |
| Bertha E. Forster..... | Grammar School Subjects |
| Bessie J. Mason..... | Civil Service Preparation |
| Cora E. Riley..... | Commercial Arithmetic |
| Jennie M. Pedersen | Typewriting |
| Martha H. Noyes..... | Stenography |
| Medora Adams | Non-English Speaking Class |

ATTENDANCE OFFICER.

Thomas F. McGuine.

MEDICAL INSPECTOR.

Harry C. Burrell, M.D.

JANITORS.

| | |
|---|--------------------------------------|
| Frank P. Pierce, 200 Salem Street..... | High School |
| Arthur D. Chickering, 227 Salem Street..... | Engineer, High School |
| Daniel H. Prescott, 7 Alfred Street..... | Fireman, High School |
| Elvin Johnson, 5 Allen Court..... | Washington and Everett Schools |
| George S. Lambert, 57 Central Avenue..... | Franklin School |
| Lawrence J. Carew, 41 Martin Street..... | Brooks School |
| Dennis J. Connors, 6 College Avenue... .. | Centre and Cradock Schools |
| Geo. E. Giles, 8 Nason St., Boston.. | Lorin L. Dame and Hancock Schools |
| James M. Wheeler, 6 Bennett Place..... | Lincoln and Tufts Schools |
| Wilford N. Parkin, 590 High St.. | Gleason, Hervey and Hillside Schools |
| Edgar A. Hall, 6 Simonds Court..... | Curtis School |
| Elbridge F. Peters, 16 Gibson Street..... | James and Osgood Schools |
| Charles H. Abbott, 189 Salem Street..... | Fulton Street School |

Report of Water and Sewer Commissioners

Medford, Mass., January, 1917.

Hon. Benjamin F. Haines, Mayor,

Dear Sir:—

The annual report of the Water and Sewer Commissioners for the year 1916 is herewith submitted.

At the expiration of the term of office of Lawrence G. Brooks, Patrick Kearins was appointed for the term ending the first Monday in March, 1919.

At the organization of the new board, March 8, Mr. Kearins was elected chairman.

The year has been a very busy one; about two and a quarter miles of water main and over one mile of main sewers laid beside 396 new water and 362 sewer connections.

About one-half a mile of the above water mains were renewals of old cement-lined pipe with cast iron.

The total water consumption by the city for the year, as reported by the Metropolitan Water and Sewerage Board, was 544,244,000 gallons; the low service 418,596,000 gallons and the high service 125,648,000 gallons. This figures 46 gallons average per person per day, an increase over previous years, partly accounted for in the large use for manufacturing purposes.

Superintendent Whitney being called to the Mexican border with the National Guard, June 17, we were without his services until November 24.

We recommend that there be appropriated money enough to properly care for the sewers, and the brooks and streams which are under control of the city, for Sewer Maintenance \$2,000 and Brooks and Streams \$500.

The superintendent reports work done in detail as follows:

NEW MAINS.

| STREET | LOCATION | Length | Size |
|-----------------------|--|----------|---------|
| Acton Circle | From End to Rye Street | 59 feet | 6 inch |
| Alfred Terrace | From End to Williams Street | 100 feet | 6 inch |
| Austin Street | From End, southerly | 113 feet | 6 inch |
| Billings Avenue | From End to Willis Avenue | 330 feet | 6 inch |
| Bonner Avenue | From Main Street, easterly | 176 feet | 6 inch |
| Brackett Street | From Elm Street, southerly | 206 feet | 8 inch |
| Carney Street | From Hill Avenue, easterly | 236 feet | 6 inch |
| Cedar Road | From Watervale Road, northerly | 445 feet | 8 inch |
| Central Avenue | From Pinkert Street, westerly | 108 feet | 8 inch |
| Circuit Street | From End to Bowers Street | 362 feet | 6 inch |
| Colby Street | From Princeton Street, southerly | 124 feet | 6 inch |
| Columbus Avenue | From End to Emerald Street | 179 feet | 6 inch |
| Court Street | From End, northerly | 191 feet | 6 inch |
| Cradock Avenue | From Fourth to Fifth Street | 280 feet | 6 inch |
| Emerald Street | From End to Columbus Avenue | 134 feet | 12 inch |
| Fellsway | From Myrtle Street, northerly (west side) | 383 feet | 12 inch |
| Fellsway West | From End east of Grant Avenue toward Salem Street, (south side) | 119 feet | 8 inch |
| Fifth Street | From End to Cradock Avenue | 90 feet | 12 inch |
| Fifth Street | From Cradock Avenue across R. R. tracks | 130 feet | 12 inch |
| First Street | From Middlesex Avenue, westerly | 458 feet | 6 inch |
| Fulton Street | From End at Ames Street, southerly | 22 feet | 6 inch |
| Fulton Street | From Ames Street, southerly | 36 feet | 8 inch |
| Fulton Street | From End near Foss Street, northerly | 61 feet | 8 inch |
| Gaston Street | From Brackett Street, easterly | 171 feet | 6 inch |
| Grove Street | From End to Jackson Road | 78 feet | 10 inch |

MEDFORD HISTORICAL SOCIETY

Dec. 28/14.

NEW MAINS—Continued.

| STREET | LOCATION | Length | Size |
|-----------------------------|---|-------------|---------|
| Guild Street | From End to Taft Street | 130 feet | 6 inch |
| Jackson Road | From Grove Street to Sagamore Avenue | 846 feet | 6 inch |
| Middlesex Avenue | From Second to First Street | 202 feet | 12 inch |
| Mystic Street | From Prescott Street to Mystic Valley Parkway | 397 feet | 6 inch |
| Mystic Valley Parkway | From High Street to Kilgore Avenue | 681 feet | 6 inch |
| Mystic Valley Parkway | From Mystic Street to Auburn Street | 345 feet | 8 inch |
| Newton Road | From Grove Street to Woodland Road | 452 feet | 6 inch |
| North Street | From End near Capen Street, southerly | 507 feet | 6 inch |
| Princeton Street | From End to Colby Street | 27 feet | 6 inch |
| Rye Street | From End, southerly | 271 feet | 6 inch |
| Second Street | From Sydney Street to branch of cross line | 44 feet | 6 inch |
| Sherwood Road | From Fellsway West, southerly | 156 feet | 6 inch |
| Ship Avenue | From End toward Maverick Street | 173 feet | 6 inch |
| Smith Street | From Main to Edward Street | 360 feet | 6 inch |
| Sydney Street | From Fourth Street to Second Street | 478 feet | 6 inch |
| Taft Street | From Guild Street to beyond Walsh Street | 581 feet | 6 inch |
| Tyler Avenue | From End, northerly | 148 feet | 6 inch |
| Walsh Street | From Taft Street, northerly | 149 feet | 6 inch |
| Watervale Road | From Hickory Avenue, easterly | 93 feet | 6 inch |
| Whittemore Street | From Main to Edward Street | 360 feet | 6 inch |
| Woodland Road | From Jackson to Newton Road | 276 feet | 6 inch |
| Wright Avenue | From End, easterly | 133 feet | 6 inch |
| | Total | 11,568 feet | |

MAINS RENEWED.

| STREET | LOCATION | Length | Old Size | New Size |
|------------------------|---|-----------|----------|----------|
| Fifth Street | From Middlesex Avenue, easterly | 769 feet | 4 inch | 12 inch |
| Grove Street | From near Johnson Avenue to near Jackson Road .. | 231 feet | 2 inch | 10 inch |
| Harvard Street | From Winchester Street to Main Street | 1351 feet | 4 inch | 8 inch |
| Middlesex Avenue | From Fifth Street main toward Fourth Street | 34 feet | 6 inch | 12 inch |

Total length mains in use Jan. 1, 1916, 363,547 ft.
 Total length mains laid, 1916 11,568 ft

Total length mains in use Jan. 1, 1917, 380,115 ft., or 71.99 miles

MAIN LEAKS

Nineteen main leaks have been attended to.

BLOW-OFFS.

Eight new blow-offs have been installed in following locations:

| | | |
|-------------------------|-------------------|-------------------------|
| Cedar Road (Wd 2) | End of Pipe | |
| Fellsway | End of Pipe | North of Myrtle Street |
| Gaston Street | End of Pipe | East of Brackett Street |
| Sherwood Road | End of Pipe | |
| Ship Avenue | End of Pipe | Toward Maverick Street |
| Taft Street | End of Pipe | Near Gaston Street |
| Walsh Street | End of Pipe | North of Taft Street |
| Watervale Road | End of Pipe | East of Hickory Avenue |

Three blow-offs have been shifted to end of short extension. Two on Fulton street, one south of Ames street and one north of the school house, also one on Austin street.

Blow-offs were abandoned on Columbus avenue near Emerald street, Emerald street near Columbus avenue and Guild street.

NEW HYDRANTS.

| STREET | LOCATION | Size Connection |
|-----------------------------|---|-----------------|
| Alfred Terrace | At William Street | 6 inch |
| Billings Avenue | At Willis Avenue | 6 inch |
| Carney Street | 220 feet east of Hill Avenue | 6 inch |
| Cedar Road | North of Watervale Road | 6 inch |
| Circuit Street | Near angle toward Harvard Avenue | 6 inch |
| Court Street | 700 or 800 feet north of Tainter Street | 6 inch |
| Fellsway | 260 feet north of Myrtle Street | 6 inch |
| Fifth Street | Opposite No. 30 | 6 inch |
| First Street | At Middlesex Avenue | 6 inch |
| First Street | 30 feet east of Bradbury Avenue | 6 inch |
| Gaston Street | 100 feet east of Brackett Street | 6 inch |
| Harvard Street | At Dartmouth Street | 6 inch |
| Jackson Road | At Woodland Road | 6 inch |
| Jackson Road | 100 feet west of Grove Street | 6 inch |
| Mystic Street | 100 feet north of Mystic Valley Parkway | 6 inch |
| Mystic Valley Parkway | North of High Street | 6 inch |
| Mystic Valley Parkway | At Auburn Street | 6 inch |
| Newton Road | 200 feet west of Grove Street | 6 inch |
| North Street | 300 feet south of Somerville line | 6 inch |
| Rye Street | Near Cradock School | 6 inch |
| Sherwood Road | At Fellsway West | 6 inch |
| Sydney Street | North of Fourth Street | 6 inch |
| Taft Street | 100 feet north of Guild Street | 6 inch |
| Walsh Street | North of Taft Street | 6 inch |

There are now 692 hydrants available for fire purposes which are inspected and kept in good repair by this department.

Standpipes and Fountains.

All standpipes and fountains have been cared for.

Services.

Three hundred and ninety-six new services have been installed, their length totaling 15,826 feet, 2 inches; 7,435 feet, 2 inches in the street and 8,391 feet on private property.

Twelve services have been renewed from main to cellar, thirteen from main to street line and twenty-one from street line to cellar.

One hundred and eighteen services have been cleaned and thirty-nine leaks repaired, one extended, two lowered and one thawed.

Ten services were abandoned.

Meters.

During the year we have set 393 meters on services new and taken out to clean and repair 709 meters, 57 of which were frozen.

SEWER CONSTRUCTION.

| STREET | LOCATION | Length | Size |
|--------------------------------|--|------------|---------|
| Across B. & M. tracks | From Cradock Avenue and Sixth Street east | 146.5 feet | 8 inch |
| Across Private Land | From Spring Street to Hill Avenue | 225.0 feet | 8 inch |
| Alfred Terrace | From William Street west | 180.7 feet | 8 inch |
| Bonner Avenue | From Willis Avenue west | 607.2 feet | 8 inch |
| Bowdoin Street | From sta. 11 plus 50 to Colby Street | 70.3 feet | 8 inch |
| Carney Street | From Hill Avenue east | 237.7 feet | 8 inch |
| Colby Street | From Bowdoin Street south | 313.4 feet | 8 inch |
| Fells Avenue | From sta. 4 plus 16 north | 209.3 feet | 8 inch |
| Fellsway West (So. Side) | From Grant Avenue east sta. 3 plus 73.16 to 4 plus 88.49 | 115.3 feet | 8 inch |
| First Street | From Middlesex Avenue to Bradbury Avenue | 572.7 feet | 8 inch |
| Fountain Street | From Webster Street north | 206.5 feet | 8 inch |
| Fulton Spring | From Fulton Street east | 294.7 feet | 8 inch |
| Fulton Street | From 14 plus 58.55 to Earl Avenue | 119.5 feet | 10 inch |
| Fulton Street | From Earl Avenue to Fulton Spring | 696.9 feet | 8 inch |
| Hill Avenue | From right-of-way to Carney Street | 18.1 feet | 8 inch |
| Irving Street | From Allston Street west | 204.8 feet | 8 inch |
| Lambert Street | From Salem Street to Sherwood Road | 96.0 feet | 8 inch |
| Middlesex Avenue | From Second to First Street | 200.4 feet | 12 inch |
| Sherwood Road | From Lambert Street north | 256.2 feet | 8 inch |
| Smith Street | From Main Street to near Edward Street | 297.0 feet | 8 inch |
| Sydney Street | From Fourth to Second Street | 462.8 feet | 8 inch |
| Whittlemore Street | From Main Street to near Edward Street | 296.8 feet | 8 inch |
| Whittle Terrace | From Brooks Street east | 135.2 feet | 8 inch |

Total length sewers laid 1916..... 5,903.0 ft., 8 inches

Total length sewers Jan. 1, 1916 338,434.99 ft.

Total length sewers Jan. 1, 1917 344,307.99 feet or 65.23 miles

House Connections.

Three hundred and sixty-two connections have been made with the main sewer; two connections have been extended.

Total length of connections Jan. 1, 1916.....247,880.3 ft.

Total length of connections laid 1916..... 15,167.4 ft.

Total length of connections Jan. 1, 1917.....263,047.7 ft.
or 49.819 miles.

Sewer Maintenance.

During the year we have cared for the main sewers as well as possible.

Forty house connections have been cleared of obstructions, three of which were relaid.

Brooks and Streams.

All brooks and streams in our charge have been cleaned and cared for as usual.

The following financial statement for the year is reported by the Registrar:

Water Works Account, 1916.

Cr.

| | |
|-------------------------------|-------------|
| Receipts, water rates..... | \$81,262 05 |
| Receipts, construction | 5,433 36 |
| Receipts, maintenance | 144 47 |
| Receipts, meter account | 14 00 |
| | <hr/> |
| | \$86,853 88 |

Dr.

| | |
|---|-------------|
| Paid, maintenance of the works..... | \$15,623 36 |
| Paid, eighteenth assessment for Metropolitan Water..... | 28,997 29 |
| Paid, construction, meters and service pipes..... | 42,233 23 |
| | <hr/> |
| | \$86,853 88 |

REPORT OF WATER AND SEWER COMMISSIONERS - 397

Sewer Construction Account, 1916.

Cr.

| | |
|---|-------------|
| Balance remaining, see previous report | \$ 3,229 76 |
| Sewer Assessments | 9,469 96 |
| Sewer connection assessments | 12,271 65 |
| Apportioned accounts, sewer assessments | 2,455 93 |
| Apportioned accounts, sewer connections | 1,288 43 |
| Apportioned accounts, sewer assessments paid in advance ... | 389 84 |
| Apportioned accounts, sewer connections paid in advance ... | 256 36 |
| Receipts, stock and labor bills | 449 26 |
| Appropriations | 15,000 00 |
| | <hr/> |
| | \$44,811 19 |

Dr.

| | |
|--|-------------|
| Paid, sewer construction, 1916 | \$31,598 54 |
| Sewer assessments apportioned | 2,546 20 |
| Sewer connection assessments apportioned | 2,349 56 |
| Balance unexpended December 30, 1916 | 8,316 89 |
| | <hr/> |
| | \$44,811 19 |

Sewer Maintenance Account, 1916.

Cr.

| | |
|----------------------|-----------|
| Appropriations | \$ 800 00 |
| Receipts, 1916 | 35 00 |
| | <hr/> |
| | \$ 835 00 |

Dr.

| | |
|--|-----------|
| Paid during 1916 | \$ 831 50 |
| Balance unexpended December 30, 1916 | 3 50 |
| | <hr/> |
| | \$ 835 00 |

Brooks and Streams Account, 1916.

Cr.

| | |
|--|-----------|
| Balance remaining, see previous report | \$ 123 56 |
| Appropriations | 300 00 |
| | <hr/> |
| | \$ 423 56 |

398 REPORT OF WATER AND SEWER COMMISSIONERS

Dr.

| | |
|--|-----------|
| Paid, during 1916 | \$ 206 07 |
| Balance unexpended December 30, 1916 | 127 49 |
| | <hr/> |
| | \$ 423 56 |

Sewer Assessments.

| | |
|--|--------------|
| Total assessments, January 1, 1916 | \$312,141 16 |
| Assessments levied during 1916 | 9,561 52 |
| | <hr/> |
| | \$321,702 68 |
| Assessments abated | 91 56 |
| | <hr/> |
| Total assessments levied to date..... | \$321,611 12 |

Petitions for the apportionment of sewer assessments to the amount of \$2,546.20 were granted during 1916 and the same certified to the Board of Assessors.

The sewer connection work during the year has cost per foot as follows:

| | | | | |
|------------------------|-----------------|----------------|---------|---------|
| 3 connections | 284 ft. | Cost less than | \$ 0.30 | |
| 10 " | 579 ft. 6 in. | Cost between | .40 | and .40 |
| 32 " | 1,516 ft. 6 in. | " " | .50 | " .50 |
| 69 " | 3,176 ft. | " " | .60 | " .60 |
| 71 " | 2,714 ft. 6 in. | " " | .70 | " .70 |
| 65 " | 2,518 ft. | " " | .80 | " .80 |
| 50 " | 1,913 ft. 6 in. | " " | .90 | " .90 |
| 19 " | 729 ft. 6 in. | " " | 1.00 | " 1.00 |
| 33 " | 1,430 ft. 6 in. | " " | 2.00 | " 2.00 |
| 10 " | 281 ft. 5 in. | Cost over | 2.00 | |
| 1 lowered and extended | 1,146 ft. | Cost between | .80 | " .90 |
| 1 extended | 24 ft. | Cost over | 2.00 | |

Making 362 connections and 2 extensions, 15,995 ft. 5 in. and 1 lowered, 318 ft., a total of 16,313 ft. 5 in., costing \$12,121.25, making the average cost \$0.743 per linear foot. Making to January 1, 1917,

| | |
|--|------------------|
| Total number of sewer connections | 5,913 |
| Total length of all sewer connections | 263,875.7 feet |
| | or 49.976 miles. |
| Total cost of all sewer connections | \$141,921.61 |
| Average length of all sewer connections | 44.62 feet |
| Average cost per foot of all sewer connections | \$0.537 |
| Buildings connected with sewers, see last report.... | 5449 |
| Buildings connected during 1916 | 363 |
| | <hr/> |
| | 5,812 |
| Families accommodated, see last report | 7754 |
| Additional accommodated during 1916 | 592 |
| | <hr/> |
| | 8,346 |

Also 56 stores, two garages, three factories, one clubhouse, one church, three office buildings, one theatre and one storehouse.

Water Maintenance, 1916.

| | Bills | Labor | Total |
|------------------------------------|-------------------|--------------------|--------------------|
| Administration expense | \$ | \$ 4,200 00 | \$ 4,200 00 |
| Main pipe leaks | 101 74 | 278 02 | 380 36 |
| Blowing off mains | | 5 94 | 5 94 |
| Service pipe leaks | 34 06 | 301 58 | 336 24 |
| Services cleared and renewed | 67 90 | 384 84 | 452 74 |
| Services abandoned | | 20 15 | 20 15 |
| Services inspected | | 1 59 | 1 59 |
| Gates, stops and boxes | 34 01 | 239 08 | 273 09 |
| Meters | 475 04 | 3,458 36 | 3,933 40 |
| Hydrants | 314 31 | 1,093 52 | 1,407 83 |
| Fountains | 15 22 | 54 06 | 69 88 |
| Turning on and off water | | 283 12 | 283 12 |
| Stable and garage | 526 07 | 1,523 93 | 2,050 00 |
| Shop and stock | 639 11 | 1,004 10 | 1,703 21 |
| Taking account of stock | | 46 22 | 46 22 |
| Delivering bills | | 201 56 | 201 56 |
| Bicycle expense | 11 90 | | 11 90 |
| City of Malden, for water | 3 33 | | 3 33 |
| Wright's Pond expense | 232 12 | 2 50 | 234 62 |
| Looking for leak | | 6 66 | 6 66 |
| Flood field for skating | | 1 52 | 1 52 |
| Total paid in 1916 | \$2,455 41 | \$13,167 95 | \$15,023 36 |

Water Construction, 1916.

| New Mains Account | Bills | Labor | Total |
|------------------------|----------|----------|-----------|
| Acton Circle | \$ 57 19 | \$ 74 18 | \$ 131 37 |
| Alfred Terrace | 227 50 | 138 49 | 365 99 |
| Austin Street | 89 56 | 49 43 | 138 99 |
| Billings Avenue | 304 78 | 114 24 | 419 02 |
| Bonner Avenue | 164 66 | 121 99 | 286 65 |
| Brackett Street | 305 38 | 158 84 | 464 22 |
| Carney Street | 236 93 | 66 59 | 303 52 |
| Cedar Road | 556 76 | 869 17 | 1,425 93 |
| Central Avenue | 111 32 | 63 34 | 174 66 |
| Circuit Street | 322 50 | 142 34 | 464 84 |
| Celby Street | 91 19 | 45 60 | 136 79 |
| Columbus Avenue | 116 10 | 48 53 | 164 63 |
| Court Street | 147 28 | 81 92 | 229 20 |
| Craddock Avenue | 282 52 | 139 24 | 421 76 |
| Emerald Street | 236 11 | 54 51 | 290 62 |
| Fellsway | 764 92 | 205 74 | 970 66 |
| Fellsway West | 92 18 | 97 80 | 189 98 |
| Fifth Street | 540 67 | 217 32 | 757 99 |
| First Street | 431 89 | 168 50 | 600 39 |
| Frederick Avenue | 42 14 | 48 44 | 90 58 |
| Fulton Street | 245 59 | 216 69 | 462 28 |
| Gaston Street | 227 90 | 164 68 | 392 58 |
| Grove Street | 93 52 | 54 62 | 148 14 |
| Guild Street | 122 82 | 121 52 | 244 34 |
| Jackson Road | 713 31 | 296 68 | 1,009 99 |
| Middlesex Avenue | 468 16 | 206 05 | 674 21 |

400 REPORT OF WATER AND SEWER COMMISSIONERS

| | | | |
|-----------------------------|--------|--------|----------|
| Mystic Street | 356 60 | 163 22 | 519 82 |
| Mystic Valley Parkway | 940 64 | 483 78 | 1,424 42 |
| Newton Road | 419 65 | 146 54 | 566 19 |
| North Street | 357 43 | 316 60 | 674 03 |
| Princeton Street | 21 44 | 14 10 | 35 54 |
| Rock Glen Road | | 12 57 | 12 57 |
| Rye Street | 236 42 | 312 40 | 548 82 |
| Saunders Street | 35 66 | 75 | 36 41 |
| Second Street | 43 72 | 33 26 | 76 98 |
| Sherwood Road | 189 14 | 59 58 | 248 72 |
| Ship Avenue | 128 10 | 72 25 | 200 35 |
| Smith Street | 298 65 | 194 54 | 493 19 |
| Sydney Street | 362 15 | 194 24 | 556 39 |
| Taft Street | 830 92 | 791 60 | 1,622 52 |
| Tyler Avenue | 96 00 | 37 44 | 133 44 |
| Walsh Street | 268 65 | 211 51 | 480 16 |
| Watervale Road | 93 06 | 67 01 | 160 07 |
| Whittemore Street | 321 21 | 181 36 | 502 57 |
| Woodland Road | 205 91 | 93 67 | 299 58 |
| Wright Avenue | 70 06 | 38 52 | 108 58 |

Mains Renewed Account

| | | | |
|------------------------|-------------|-----------|-------------|
| Fifth Street | \$ 1,595 68 | \$ 769 00 | \$ 2,364 68 |
| Grove Street | 338 04 | 195 86 | 533 90 |
| Harvard Street | 1,257 64 | 773 29 | 2,030 93 |
| Middlesex Avenue | 80 64 | 40 00 | 120 64 |

Other Expense

| | | | |
|---|-------------|--------------|--------------|
| New Services Laid | \$ 4,340 66 | \$ 1,852 81 | \$ 6,193 47 |
| New Meters Account | 6,063 89 | 421 91 | 6,485 80 |
| New blow offs account | 13 02 | 5 90 | 18 92 |
| New hydrants account | 14 68 | | 14 68 |
| New gates account | 81 13 | 6 03 | 87 16 |
| Stable and garage | 2,100 57 | | 2,100 57 |
| Engineers | 191 92 | | 191 92 |
| Stock and tools | | 596 05 | 596 05 |
| Work done, to be collected for | 565 17 | 330 44 | 895 61 |
| Administration | 899 17 | 3,367 82 | 4,266 99 |
| Filling settled trenches and teaming pipe | | 2 68 | 2 68 |
| Total cost, 1916 | \$29,810 50 | \$ 15,753 18 | \$ 45,563 68 |
| Stock of previous years and items duplicated | | | 3,330 45 |
| Net amount paid, 1916 | | | \$42,233 23 |

REPORT OF WATER AND SEWER COMMISSIONERS 401

Sewer Maintenance, 1916.

| | Bills | Labor | Total |
|--------------------------------------|----------------|-----------------|-----------------|
| House connections stopped | \$ 9 87 | \$122 86 | \$132 73 |
| Scraping and cleaning sewers | | 608 10 | 608 19 |
| Flushing sewers | | 18 04 | 18 04 |
| Frozen sewers | 2 00 | 23 78 | 25 78 |
| Main sewers stopped | 1 10 | 14 84 | 15 04 |
| Care of manholes | 11 76 | 29 33 | 41 09 |
| Lowering manholes | 4 22 | 7 14 | 11 36 |
| Stock and tools | | 5 72 | 5 72 |
| Total cost, 1916 | \$28 95 | \$820 90 | \$858 85 |
| Stock used from other accounts | | | 27 35 |
| Total paid, 1916 | | | \$831 60 |

Sewer Construction, 1916.

| New Sewers | Bills | Labor | Total |
|--------------------------------------|--------------------|--------------------|--------------------|
| Alfred Terrace | \$ 228 67 | \$ 203 19 | \$ 491 86 |
| Austin Street | | 3 03 | 3 03 |
| Bonner Avenue | 307 02 | 512 85 | 819 87 |
| Bowdoin Street | 31 09 | 120 00 | 157 09 |
| Carney Street | 595 55 | 737 31 | 1,332 86 |
| Colby Street | 202 41 | 263 11 | 465 52 |
| Fells Avenue | 155 59 | 287 88 | 443 47 |
| Fellsway West | 76 30 | 102 43 | 178 82 |
| First Street | 403 58 | 839 11 | 1,242 69 |
| Fountain Street | 106 69 | 78 96 | 185 65 |
| Fulton Spring | 389 96 | 1,026 44 | 1,416 40 |
| Fulton Street | 697 26 | 1,503 83 | 2,201 00 |
| Irving Street | 143 63 | 239 40 | 383 12 |
| Lambert Street | 79 08 | 122 11 | 201 19 |
| Maynard Street | | 72 | 72 |
| Middlesex Avenue | 310 17 | 548 95 | 859 12 |
| Mystic Street | | 5 53 | 5 53 |
| North Street | 490 67 | | 490 67 |
| Sherwood Road | 138 26 | 98 84 | 237 10 |
| Sixth Street | 432 13 | 405 30 | 837 43 |
| Smith Street | 218 80 | 279 82 | 498 62 |
| Stevens Street | | 2 71 | 2 71 |
| Sydney Street | 229 12 | 403 83 | 632 95 |
| Whittemore Street | 218 94 | 297 33 | 516 27 |
| Whittle Terrace | 140 37 | 174 29 | 314 66 |
| Other Expense | | | |
| House connections | \$ | \$ 7,637 84 | \$ 7,637 84 |
| Work done, to be collected for | 122 70 | 118 88 | 241 67 |
| Stable and garage | 3,000 00 | | 3,000 00 |
| Administration expense | 3,781 11 | | 3,781 11 |
| Engineering, general expense | 841 00 | | 841 00 |
| Repairing streets, settled | | 8 81 | 8 81 |
| Stock and tools | 1,808 40 | 360 37 | 2,168 77 |
| Total paid, 1916 | \$15,148 68 | \$16,440 86 | \$31,598 54 |

402 REPORT OF WATER AND SEWER COMMISSIONERS

Brooks and Streams, 1916.

| General Account | Bills | Labor | Total |
|-----------------------------------|---------|-----------|-----------|
| Care and inspection | \$ 9 96 | \$ 57 01 | \$ 66 97 |
| Gravelly Creek | | | |
| Cleaning | | 62 09 | 62 09 |
| Nowell Creek | | | |
| Cleaning | | 30 97 | 30 97 |
| Whitmore Brook | | | |
| Repairing fence and screens | | 1 90 | 1 90 |
| Cleaning | | 59 14 | 59 14 |
| Total paid, 1916 | \$ 9 96 | \$ 211 11 | \$ 221 07 |

Respectfully submitted,

PATRICK KEARINS,
EUGENE F. IRWIN,
JOHN H. BYRON,

Water and Sewer Commissioners.

MEDFORD HISTORICAL SOCIETY.

ac. 28147

Report of Chief of Fire Department

Medford, Mass., January 26, 1917.

Hon. Benjamin F. Haines,

Mayor, City of Medford, Mass.

Dear Sir:—

It again becomes my duty to hand in to you the annual report of the Fire Department for the year ending December 31, 1916. The report will be found to contain statements embracing a report of fires and alarms which have occurred during the last twelve months, total value of property at risk, amount of insurance on same, and loss as near as could be ascertained, and such other information as I thought would be of interest.

Fire Stations.

The different fire stations are in the same condition as last year except for minor repairs, and the fitting up of a sleeping room at the Central Fire Station for the deputy chief. New outside doors will have to be provided at Combination C house, as the present doors are in very bad condition and will not stand the strain much longer. A sleeping room should be fitted up at this station for when the four new permanent men are quartered in this house the present sleeping room will be quite crowded. Combination E House needs a lot of repairs inside and out, and I recommend that an appropriation be made to paint and repair this building outside, also a new heater will have to be purchased to heat the building. The concrete steps at side entrance of Combination A House should be rebuilt.

Manual Force.

The manual force now consists of twenty-four permanent men, fifteen call-men, five men who receive one dollar for each alarm they answer; four more permanent men have been appointed during the past year. George H. Gillard, the first permanent man appointed to the Fire department was retired on a pension on December 31, 1915, and Warren W. Foye was appointed to fill the vacancy. Lieutenant W. Burton Harvey was promoted to the position of captain, and placed in charge of Combination B company. Hoseman John F. O'Neil was promoted to the position of lieutenant, and assigned to duty with Combination E company. The department is now manned and officered as follows: Chief, Deputy Chief, Six Captains, Six Lieutenants, Ten Privates on the permanent force, fifteen call-men, and five men who receive one dollar for each alarm they answer. This makes a total of forty-four members, with two vacancies. I most respectfully recommend that four more permanent men be appointed to make a crew for the new truck, and that the sum of \$4,000.00 be appropriated for that purpose.

Fire Apparatus.

All of the apparatus is in good condition at the present time except that the four combination hose and chemical wagons need new tires, the chief's car needs painting very badly, and some of the other apparatus needs touching up. I most respectfully recommend that the sum of \$3,062.00 be appropriated to change tires on Combination A, B, C and E. A new hook and ladder truck has been purchased and will be put into commission very soon. This truck is a very powerful machine, has a six-cylinder engine, carries four hundred and twenty feet of ladders, has a forty gallon chemical tank, and the usual equipment of small tools.

Hose.

During the past year two thousand two hundred and fifty feet of two and one-half inch hose has been purchased, and at the present time we have ten thousand five hundred feet of good hose on hand. This with the usual use should carry us through the year.

Fires and Alarms.

During the past year we have had one hundred and nineteen bell alarms and one hundred and sixty-five still alarms, making a total of two hundred and eighty-four alarms for the year. Value of property at risk, \$2,101,101; insurance on same, \$1,314,926; loss, \$24,881.89.

Amount Asked to Run Department.

| | |
|---|-------------|
| Decorating firemen's graves..... | \$ 50 00 |
| Salaries of firemen..... | 36,181 95 |
| Ordinary expenses | 4,000 00 |
| Painting and repairing Combination E house outside | 600 00 |
| New heater for Combination E house..... | 164 00 |
| New tires and rims, Combination A, B C and E.. | 3,062 00 |
| New outside doors, Combination C house..... | 280 00 |
| Fitting up sleeping room Combination C house.. | 159 00 |
| Four more permanent men..... | 4,000 00 |
| | <hr/> |
| | \$48,496 95 |

Respectfully submitted,

CHARLES E. BACON,

Chief Medford Fire Department.

Report of the Trustees of Cemeteries

January 1, 1917.

Hon. Benjamin F. Haines,
Mayor of Medford, Massachusetts.

Dear Sir:

In accordance with the provisions of the Charter, the Trustees of Cemeteries hereby submit their annual report.

During the past year there were interments in the cemeteries of the city as follows:

| | |
|---|----|
| In private lots in Oak Grove Cemetery..... | 93 |
| In single graves in Oak Grove Cemetery..... | 86 |
| In free graves in Oak Grove Cemetery..... | 23 |
| In Cross Street Cemetery..... | 2 |
| In Salem Street Cemetery..... | 1 |

205

Included in the above are the ashes of five cremations.

There were three removals from Cross Street Cemetery to Oak Grove; two removals from Oak Grove to cemeteries outside of Medford and one removal from a private lot to a single grave within Oak Grove Cemetery.

There were placed in the Receiving Tomb during the year 12 bodies, 6 of which were interred in Oak Grove Cemetery, 1 removed out of the state for interment and 5 are now in the tomb.

Sales of Lots and Single Graves.

| | |
|---|----|
| Lots sold during the year..... | 20 |
| Single graves sold during the year..... | 97 |

Perpetual Care.

| | |
|--|-------------|
| Amount added to the Perpetual Care Fund..... | \$ 2,637 84 |
| Total amount in hands of Sinking Fund Commission | 42,798 92 |

Receipts.

| | |
|---|-------------|
| Received from sale of lots..... | \$ 2,786 40 |
| Received from sale of single graves..... | 1,959 00 |
| Received for care, plants, extra work, etc..... | 2,396 39 |
| Received income of perpetual care funds..... | 1,552 74 |
| Received by appropriation..... | 1,500 00 |
| | <hr/> |
| | \$10,194 53 |

Disbursements.

| | |
|---|-------------|
| Paid for labor, supplies and incidentals..... | \$10,194 53 |
|---|-------------|

During the past nine months, the expenses of the department have been increased approximately 25 per cent., due to increasing the pay of the laborers from \$2.25 to \$2.50 per day, a two weeks' vacation and Saturday half-holidays without loss of pay for the entire year,—the vacation and Saturday half-holidays alone amounting to \$92.50 per man. The greater part of this increase must be met by an increased appropriation as the income from the perpetual care funds made prior to 1916 are wholly inadequate to meet the increased cost of work on lots which must be done to fulfill the obligations defined in the bonds for perpetual care given to lot owners by the Town and City of Medford.

To help meet the cost of the increased operating expenses we have felt obliged to increase the charges for services and labor. Should a further increase be made in the pay of the laborers it will be necessary to further increase the appropriation to cover such advance.

A new eight-foot path, about 1,000 feet long, from Playstead Road through the new part of the cemetery is under construction, the expense of which is being met by Mr.

Shepherd Brooks, and the Trustees wish to express their thanks and appreciation for his generosity. This path will prove of great convenience to the general public who use the West Medford surface cars.

In our report for last year, attention was called to the needed reconstruction of the fountain pond, but owing to a greatly reduced appropriation for the care of cemeteries and in the absence of a special appropriation for this work, we were unable to make any start, and in view of the urgent need of money for other purposes we shall convert the area used for the pond into lots, and have included in our recommendations the amount of \$400.00 to do this work.

Property.

We earnestly recommend the sale of the city's interest in the property at 222 Riverside Avenue, believing that to longer hold it will result in unwarranted expenses for repairs and taxes.

The fence on the northerly and westerly boundaries of Cross Street Cemetery is in need of material and extensive repairs, and may have to be rebuilt in a very short time.

The fence and walls at Salem Street Cemetery are in fair condition and will need but little attention this year.

The buildings at Oak Grove Cemetery are in fair condition with the exception of the need of paint on the barn and sheds.

There has been graded and loamed, preparatory to laying out into lots, about 38,900 square feet of land during the past year.

Owing to the great demand for single graves, we shall be obliged to further extend this section during the coming season.

Appropriation.

The Trustees respectfully request the appropriation of

\$5,400 for the "Care of Cemeteries" for the ensuing year
for the following purposes:

| | |
|---|------------|
| Care of Cemeteries, pay rolls, incidentals, etc.... | \$3,000 00 |
| Fertilizers | 1,000 00 |
| Plan of old part of Oak Grove Cemetery..... | 1,000 00 |
| Filling and grading for fountain pond area.... | 400 00 |
| | <hr/> |
| | \$5,400 00 |

Respectfully yours,

ELLERY A. ARMSTRONG,
ROBERT W. THORSON,
FRED W. RAUSKOLB,

Trustees of Cemeteries.

Government of the City of Medford

(List compiled May 14, 1917.)

MAYOR.

Hon. BENJAMIN F. HAINES, 52 Central Avenue
Term expires first Monday in January, 1919.

MAYOR'S CLERK.

Richard L. Baldwin, 52 Albion Street

BOARD OF ALDERMEN.

President, Frank G. Volpe.

| | | |
|-----------------------|--------|----------------------|
| *George H. Lewis, | Ward 1 | 389 Salem Street |
| John F. Gaffney, | Ward 1 | 117 Sheridan Avenue |
| James A. Saunders, | Ward 1 | 65 Grant Avenue |
| *Edward H. Larkin, | Ward 2 | 209 Grant Avenue |
| William F. Daly, | Ward 2 | 42 Paris Street |
| William F. Wiltshire, | Ward 2 | 112 Dudley Street |
| *Richard B. Coolidge, | Ward 3 | 7 Hastings Lane |
| Charles M. Hayden | Ward 3 | 43 Water Street |
| Frank G. Volpe, | Ward 3 | 123 Forest Street |
| *James A. Cotting, | Ward 4 | 30 Hume Avenue |
| Michael E. O'Brien, | Ward 4 | 11 Touro Avenue |
| Percy W. Richardson, | Ward 4 | 13 Florence Street |
| *Herbert F. Dowell, | Ward 5 | 39 Wareham Street |
| James G. Johnston, | Ward 5 | 11 Bradford Avenue |
| George W. Taintor, | Ward 5 | 15 William Street |
| *Edward M. Peters, | Ward 6 | 19 Chardon Road |
| Leslie N. Gebhard, | Ward 6 | 11 Edison Avenue |
| John J. Mulkerin, | Ward 6 | 75 Arlington Street |
| *Richard S. Phillips, | Ward 7 | 18 Second Street |
| Lawrence N. Barry, | Ward 7 | 36 Foster's Court |
| George A. Moore, | Ward 7 | 545 Riverside Avenue |

*Elected at large.

Clerk:

Charles A. Winslow, 33 Orchard Street
(Who is also the City Clerk.)

Clerk of Committees:

Charles T. Daly, 65 Playstead Road

City Messenger:

Edwin D. Curran, 95 Central Avenue

CITY OFFICERS AND BOARDS.

City Clerk.....Charles A. Winslow
 City Treasurer.....Edward A. Badger
 City Collector.....Edward W. Hayes
 City Auditor.....George D. Cummings
 City Solicitor.....Charles S. Baxter
 City Engineer.....Fred R. Charnock
 City Physician.....Edward W. Barrett
 Street Commissioner.....Hugh G. Kennedy
 Superintendent of Moth Suppression...Hugh G. Kennedy
 Inspector of Buildings.....Frank B. Blodgett
 Superintendent of Wires and Gas Fitting..Henry A. Gaffney
 Inspector of Animals.....Harrie W. Peirce
 Forest Warden.....Charles E. Bacon

School Committee.

Hon. Benjamin F. Haines, Mayor, Ex-officio.

Members at Large.

William Cushing Wait.....Term expires 1918
 Franklin E. Campbell....." " 1919
 Edward W. Barrett....." " 1920

Members from Wards.

Ward 1. Ella T. Hart.....Term expires 1919
 Ward 2. Harry N. Brown....." " 1919
 Ward 3. Harry B. Leavitt....." " 1918
 Ward 4. Clara T. Guild....." " 1918
 Ward 5. George S. T. Fuller....." " 1920
 Ward 6. Joseph W. Phelan, Chairman. " " 1919
 Ward 7. Joseph C. Smith....." " 1920

Superintendent of Schools.

Fred H. Nickerson.

Office—High School, Forest Street.

Board of Assessors.

| | | |
|--------------------------------------|--------------|--------|
| Frederick F. Hockaday, Chairman..... | Term expires | 1919 |
| Edward S. Randall..... | ” | ” 1917 |
| Herbert B. Lynde..... | ” | ” 1918 |

Board of Health.

| | | |
|--------------------------------|--------------|--------|
| Alfred J. Hawks, Chairman..... | Term expires | 1920 |
| Warren S. McIntire..... | ” | ” 1918 |
| Franklin E. Campbell..... | ” | ” 1919 |

Alvin R. Reed, Clerk.

Overseers of the Poor.

| | | |
|-------------------------------|--------------|--------|
| Harry N. Brown, Chairman..... | Term expires | 1920 |
| James C. D. Clark..... | ” | ” 1919 |
| ..... | ” | ” 1918 |

Park Commissioners.

| | | |
|------------------------------|--------------|--------|
| Wilton B. Fay, Chairman..... | Term expires | 1918 |
| Daniel W. Bedell..... | ” | ” 1921 |
| Herman L. Buss..... | ” | ” 1922 |
| Irwin O. Wright..... | ” | ” 1919 |
| Arthur W. Crockford..... | ” | ” 1920 |

Alvin R. Reed, Clerk.

Commissioners of Sinking Funds.

| | | |
|------------------------------------|--------------|--------|
| Lewis H. Lovering, Chairman..... | Term expires | 1920 |
| William Cushing Wait..... | ” | ” 1918 |
| Walter F. Cushing..... | ” | ” 1918 |
| Charles H. Barnes..... | ” | ” 1920 |
| Everard I. Langell, Treasurer..... | ” | ” 1919 |
| Willard Dalrymple, Secretary..... | ” | ” 1919 |

Water and Sewer Commissioners.

| | | |
|--------------------------------|--------------|------|
| Patrick Kearins, Chairman..... | Term expires | 1919 |
| John D. Dwyer..... | " " | 1920 |
| Eugene F. Irwin..... | " " | 1918 |

Fred L. Cushing, Water Registrar.

Orville J. Whitney, Superintendent.

Trustees of Cemeteries.

| | | |
|------------------------------------|--------------|------|
| Ellery A. Armstrong, Chairman..... | Term expires | 1918 |
| Robert W. Thorson..... | " " | 1919 |
| Fred W. Rauskolb..... | " " | 1920 |

Trustees of Public Library.

| | | |
|--------------------------------|--------------|------|
| Ernest B. Moore, Chairman..... | Term expires | 1920 |
| Mary W. Clark..... | " " | 1919 |
| Allan A. Claffin..... | " " | 1918 |

Planning Board.

| | | |
|--------------------------|--------------|------|
| Charles A. Dole..... | Term expires | 1921 |
| Morton M. Holbrook..... | " " | 1920 |
| George A. McCormack..... | " " | 1919 |
| Edgar W. Cobb..... | " " | 1918 |
| William Leavens | " " | 1922 |

Registrars of Voters.

| | | |
|-------------------------------|--------------|---------------|
| John J. Conway, Chairman..... | Term expires | April 1, 1918 |
| John J. Fitzpatrick..... | " " | April 1, 1920 |
| George F. Cotting..... | " " | April 1, 1919 |

Charles A. Winslow, City Clerk, ex-officio.

Police Department.

John F. Welch, Chief.

Fire Department.

Charles E. Bacon, Chief.

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MEDFORD HISTORICAL SOCIETY.

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