



MEDFORD HISTORICAL SOCIETY AND MUSEUM

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CITY OF MEDFORD.

THE MAYOR'S ADDRESS

TO THE

BOARD OF ALDERMEN,

JANUARY 7, 1918.

THE

CITY GOVERNMENT,

THE

FINANCIAL STATEMENTS,

AND THE

ANNUAL REPORTS,

FOR THE YEAR

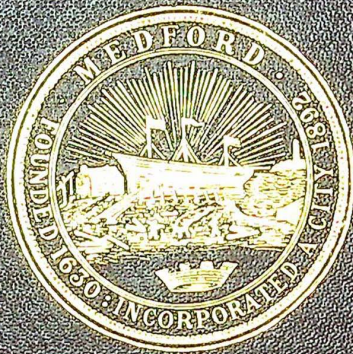
1917

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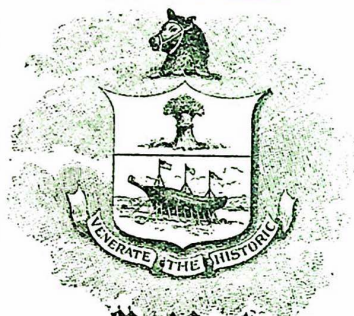
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No 3026



**Medford
Historical Society.**

PRESENTED BY

*City Auditor
Feb. 1919*

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MEDFORD HISTORICAL SOCIETY.
no. 3026

CITY OF MEDFORD

THE MAYOR'S ADDRESS

TO THE

Board of Aldermen, January 7, 1918

THE CITY GOVERNMENT
THE FINANCIAL STATEMENTS

AND THE

ANNUAL REPORTS

FOR THE YEAR

1917

Published by the City Auditor, as Directed by the Mayor

MEDFORD, MASS.
MEDFORD MERCURY PRESS
1918



Benjamin J. Hayes,
ca

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ac. 3026

MEDFORD HISTORICAL SOCIETY.
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FOURTH ANNUAL ADDRESS

OF

HON. BENJAMIN F. HAINES

MAYOR OF MEDFORD

DELIVERED

January Seventh, Nineteen Hundred Eighteen

We, who meet here tonight, have been selected by the voters of Medford to direct the public affairs of the City. To us has been entrusted for the coming year the government of this community. It is a supreme and sacred trust which has been committed to our care and keeping.

A high standard of government must be maintained and our people demand much in the line of public service.

Since last we gathered here for our inaugural exercises, all has changed. The whole world is plunged into a cruel and bloody war, the end of which cannot be foreseen and the consequences of which will make changes not only in our national and municipal life but in the very character of our citizens.

The red blood of our nation and of our city is drawn from our midst, perhaps never to return, to be sacrificed in the cause of humanity and to receive the glory of the appreciation of nations and people yet unborn. Our first endeavor in this year of coming trials and hardships should be to see to it that Medford's boys are continually in the minds of our citizens and are ever present in our plans for their welfare.

All personal ends must be set aside and all municipal endeavors must be sacrificed to the paramount issue of patriotism and national success. We must not, however, forget that the future generations must be provided for and that the country must never go back one step in the progress of nations.

Next to the prosecution of the war, I consider the welfare and education of our school children to be the compelling issue. We can go without the luxuries and even the necessities of life, we can starve ourselves in body and perhaps in intellect, but we have no right to take away from the children of this or future generations any one of the necessities of life and it is for the preservation of our national existence that at any sacrifice we must maintain the fundamental, elemental, vital foundation of our country in the growth of our public school system, and in the health and welfare of our youth. We must meet the requirement of our growth. The burden of education is the difference between the christianized, civilized being and the cruel, untutored heathen savage.

Even more dangerous than the world-wide war, which is now drenching the battlefields of Europe with the blood of the flower of American men, is the future period of reconstruction which will be on us as soon as the great war is ended.

Before the world rights itself and again approaches national adjustment, this great country must assimilate the hordes of immigrants who will seek to reap the benefits and take advantage of our economic conditions. A great peril will then and does already threaten the freedom of the American people and the perpetuation of the American form of government and this danger which now confronts the people of this country and our institutions causes deep concern to all those who know existing conditions and fear the reconstruction period.

There are now ten million aliens in the United States; they have never been naturalized, although they have lived

and prospered in this country for years and it has been their fixed purpose to return to their native land when they have accumulated sufficient wealth—aliens whose sympathies have been and always will be with their mother country. They have no love for America or its government. They are mere parasites prospering in all channels of trade, crowding out American citizens by their selfish greed and their manner and mode of living. It is this class, numbering hundreds of thousands, that make up the rank and file of the I. W. W., Anarchists and Revolutionists, all demanding equal distribution of the lands, properties and wealth of all our people. These aliens escape the draft because they are not citizens. They need not enter the service of the country, and as a result, our young Americans must fight for these leeches who stay here and prosper and add to their wealth and fill the positions of our Americans.

As one of our ex-presidents has well said, "America is not to be made a polyglot boarding house for money hunters of twenty different nationalities who have changed their former country for this country as a farm yard beast changes one feeding trough for another." America is a nation; no man has any right to come here and no man should be permitted to stay here unless he becomes an American citizen and nothing else.

Be loyal to the principles established by Washington and his fellows in 1776 and perpetuated by Lincoln and his fellows in 1861 and 1865. We must have in this country only one flag and that the American flag; only one language—the English language—the language of the Declaration of Independence, Washington's farewell address, Lincoln's Gettysburg speech and second Inaugural speech; and one loyalty, and that to the United States.

We have seen millions of the illiterate and superstitious outcasts land on the prosperous shores of our great and generous people and we have seen these alien parasites remain as such, their whole determination being to drain this country of its resources and while receiving its protec-

tion grant nothing in return. They do not believe in any constituted government and ultimately unless we take all due precautions, they will gradually and surely denationalize the Americans and destroy our public institutions, the foundation of which is in our public school system.

We must, through our youths, in our churches, in our many organizations and especially in our public schools build a foundation of christianity and of education the cornerstone of which was laid many years ago by patriotic men and women of America who were inspired by the knowledge that the battles to be fought in this country, where exists a confusion of races, are nothing less than the world's old struggles of light against darkness, of right against wrong.

We must sacrifice much, even ourselves, to the successful termination of this war but we can not for one moment permit any act to be left undone in this upbuilding and growth of our schools and the training and care of our children for in their keeping is the future of the entire world.

Medford has lost during the year of 1917 one of her most honored and efficient public servants, Edward Curran, one of the sweetest characters ever fashioned into the determined heart of an honest, upright man. He passed from among us into the great beyond leaving a fragrance of kind words and a pleasant and loving smile which can never be forgotten: A faithful husband, a loving father and an honest, upright man. His sun went down while it was yet day; it went not down behind a cloud, but melted into the pure light of Heaven.

It is customary to review the departmental work of the city at an occasion of this kind. I have but this to say: Every department has, even in these war time prices, maintained efficiency and kept its expenses within due bounds. I had hoped to do much in the way of Medford's growth but our square is but little improved and the school-houses are still accomplishments of the future.

The Riverside Avenue widening is still a dream and we have still before us the new Post Office, the new Y. M. C. A. and many other needed developments.

I believe that nature has endowed Medford with advantages that should make it the finest residential district in the Metropolitan District and I am intending to labor and to sacrifice myself to accomplish this end regardless of what the cost may be. We must not be obstructed, we must not go back, we must not mark time; we must ever go forward and with hope sublime and with energy untiring and determination unfaltering we can place our City where she belongs, as one of the leading residential cities in the State, a community good to look on and one in which it is sweet and wholesome to live, where our people are happy and contented and where each detail of government is based on the good and welfare of the whole community.

FINANCIAL STATEMENT

The following is the financial statement of the City of Medford,
January 1, 1918:

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. 42.	Truro Avenue	\$1,450 00
	Tufts Park	3,750 00
	Fire Alarm Box	150 00
	Arlington Street District Drain,...	1,725 00
	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
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
		\$130,939 30
	Amount carried forward	

MAYOR'S ADDRESS

Amount brought forward		\$130,030 30
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. 110 to 123. Fire and Police Signal Boxes, Garage, Heating Plant		2,500 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	
		13,800 00
No. 134. Insurance		1,000 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	
		10,000 00
Nos. 4 to 10. Original Construction of Streets		4,200 00
Nos. 4 to 10. High School Equipment		2,000 00
Nos. 4 and 5. Farragut Avenue and Cherry Street (Side- walks and Edgestone acct.)		1,000 00
Nos. 4 to 10. Wellington Road (Original construction of streets account)		3,500 00
Nos. 8 to 35. Sidewalk Loan		28,000 00
		<hr/>
Total debt for which notes have been issued.....		\$213,230 30
The bonded debt of the city consists of:—		
City Hall, Act of 1913	\$190,000 00	
Junior High School, 1916	180,450 00	
Water Fund Bonds	128,000 00	
Public Building Loan	115,000 00	
Sewerage Loan	290,500 00	
Municipal Loan	130,000 00	
School Loan of 1912	170,000 00	
Public Playground Loan	41 500 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	54,000 00	
Sidewalks and Edgestones	7,200 00	
Surface Drainage Loan	26,000 00	
		<hr/>
Amounts carried forward	\$1,560,650 00	\$213,230 30

Amounts brought forward	\$1,560,650 00	\$213,239 30
Drainage Loan of 1912	500 00	
Drainage Loan 1916	9,500 00	
Fire Station Loan	9,000 00	
High School Addition	31,750 00	
High School Original Equipment	13,500 00	
Departmental Equipment	18,500 00	
Original Construction of Streets	11,900 00	
Playstead Road	300 00	
Fulton Heights Schoolhouse	1,500 00	
Hancock Avenue Schoolhouse	46,750 00	
Forest Street	7,800 00	
Playground (Act 1914)	15,600 00	
Extreme Emergency	1,000 00	
Osgood Schoolhouse	23,500 00	
Playground Equipment	2,000 00	
Police Dept. Equipment	2,850 00	
Street Loan 1916	26,100 00	
Street Construction 1916	8,600 00	
Sidewalks of 1916	12,000 00	
Highway Dept. Equipment	4,300 00	
Hancock School	2,000 00	
Junior High School	2,000 00	
War Loan 1917	7,500 00	
Fire Loan 1917	36,000 00	
Osgood School 1917	6,000 00	
Departmental Equipment 1917	9,700 00	
Streets and Drains 1917	22,500 00	
Original Construction of Streets 1917	9,000 00	
Sidewalk 1917	30,000 00	
Total Bonded Debt	\$1,932,300 00	
Total debt for which bonds or notes have been issued....	\$2,145,539 30	
The advance report of the Commissioners states the condition of the Sinking Funds as of December 31, 1917, as follows:—		
Water	\$149,464 65	
Public Buildings	115,000 00	
Sewerage	164,693 24	
Public Playgrounds	8,138 44	
Park	32,000 00	
Metropolitan Park Assessment	13,972 88	
Schoolhouse Improvement	6,320 58	
Amounts carried forward.....	\$489,589 79	\$2,145,539 30

MAYOR'S ADDRESS

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Amounts brought forward	\$489,589 79	\$2,145,539 30
City Stable	9,975 69	
Schoolhouse of 1908	41,074 27	
Lincoln Schoolhouse	33,428 65	
Municipal	100,000 00	
City Notes	122,612 62	
		<hr/> \$796,681 02
Leaving our net debt Jan. 1, 1918	\$1,348,858 28	
The net debt Jan. 1, 1917, was	1,343,402 88	
		<hr/>
An increase since Jan. 1, 1917, of	5,365 40	
		<hr/>
The Sinking Funds decreased	\$209,265 40	
Bonds and Notes were paid in 1917 amounting to	\$348,400 00	
Bonds and notes were issued	144,500 00	\$203,900 00
		<hr/>
Increase in the debt	\$5,365 40	
Add amount authorized but not yet issued	23,000 00	
		<hr/>
And the gross debt will have increased	\$28,365 40	
The report of the Commissioners of Sinking Funds also gives the total of the Trust Funds as	\$16,057 27	
And the Perpetual Care Fund as	\$47,277 19	

Report of the City Auditor

Medford, January 1, 1918.

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, 1917 was..	\$198,853 73
The receipts from Jan. 1 to Dec. 31, were....	1,900,896 65
	<hr/>
	\$2,099,750 38
Sixty-five drafts have been drawn on the treasury, amounting to	2,074,252 37
	<hr/>
The cash in the treasury as shown by the books of this office on January 1, 1918, is	25,498 01

Certificates have been received at this office showing the amounts on deposit at the close of business, Jan. 26, 1918, as follows :

MEDFORD HISTORICAL SOCIETY.

ac, 3025

RECEIPTS

13

In National Shawmut Bank	\$14,213 28
In Tremont Trust Co.	217 67
In Medford Trust Co.	36,246 71
By actual count the cash in the treasury was	29 70
Memorandum held as cash	13 35
	\$50,720 71
Deduct outstanding checks on Medford Trust Co. Nos. 18532, 18645, 19550, 21986, 21995	266 20
	\$50,454 51
The Auditor's books show that the cash in the Treasury, Jan. 1, 1918, was	25,498 01
Receipts from Jan. 1 to Jan. 26 inclusive....	265,502 69
	\$291,000 70
Deduct items paid, Nos. 1 to 99 inclusive, ex- cepting items No. 28-29-30-31-32 and 33 amounting to	234,799 99
	\$56,200 71
Deduct Bonds and Coupons held by National Shawmut Bank as per Ctf.	5,748 50
	\$50,452 21
Add interest credited by Tremont Trust Co. .	2 30
	\$50,454 51

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 inclusive.

Armory

Received from:

Commonwealth of Massachusetts, rent and maintenance of 3rd class Armory 1 year to Dec. 1, 1916	\$900 00
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Ashes

Received from:

Henry Risman, gleanings from dump	\$621 52
John Reagan, use of truck.....	24 00
	<hr/> \$645 52

Bonds

Received from:

Old Colony Trust Co., face value of Sidewalk bonds	\$30,000 00
Harris, Forbes & Co., face value of the follow- ing bonds:	
Sidewalks	12,000 00
Highway Department Equipment	6,800 00
Hancock School	2,500 00
Junior High School	2,500 00
War Loan	7,500 00
Fire Loan	36,000 00
Osgood School	6,000 00
Departmental Equipment	9,700 00
Streets and Drains	22,500 00

RECEIPTS

15

Original Construction of Streets	\$9,000 00
	<hr/>
	\$144,500 00

Board of Survey

Received from:

John A. Walker, Jr., deposit to cover expenses	\$15 00
--	---------

Care of Cemeteries

Received from:

Commissioners of Sinking Funds, income from Perpetual Care fund for 1916	\$1,610 46
Vincent Brogna, proceeds of sale of one-half of estate No. 222 Riverside avenue, less taxes	1,128 77
Globe & Rutgers Fire Ins. Co., damage to car	75 00
Edward W. Mitchell, Supt., amount withdrawn from banks	1,000 00
Edward W. Mitchell, Supt., care, interments, extra work, etc.	1,242 36
Edward W. Hayes, Collector, plants, care, extra work, etc.	1 003 04
Sundry Persons, from sale of lots	2,555 72
Sundry Persons, from sale of single graves..	1,440 00
	<hr/>
	\$10,055 35

Collection of House Offal

Received from:

Mary P. C. Cummings, garbage	\$3,200 00
------------------------------------	------------

Contagious Diseases

Received from:

City of Boston, aid rendered..	\$115 00
Town of Arlington, aid rendered.....	22 00
	<hr/>
	\$137 00

City Home

Received from:

City of Everett, board of inmate	\$260 00
Town of Winchester, board of inmates	215 65
George Smardon, Supt., sale of produce	19 55
Mrs. Russell, milk	5 49
Ambrose J. McMahan, board	5 00
	<hr/>
	\$505 69

Collecting Department Expenses

Received from:

City Treasurer, overpayment to Adams, Cushing & Foster	\$ 90
--	-------

City Clerk's Department Expenses

Received from:

Felix Center, waste paper	\$ 75
-------------------------------------	-------

Departmental Equipment

Received from:

Stuart, Howland Co., reels returned	\$35 16
---	---------

Sundry Accounts of City Collector

Received from Edward W. Hayes, City Collector:

RECEIPTS

17

Taxes of 1917, real estate	\$405,713	13
Taxes of 1917, personal	35,235	10
Taxes of 1917, poll	13,588	00
Taxes of previous years	216,351	01
Sewer Connections	5,535	93
Sewer Connections, added to Taxes	3,487	87
Sewer Connections, Apportioned	1,462	15
Sewer Connections, Apportioned paid in advance	187	04
Sewer Assessments	4,499	04
Sewer Apportionments	2,208	83
Sewer Apportionments paid in advance	284	06
Water Connections	3,958	71
Gypsy and Brown Tail Moth Assessment	823	27
Watering Assessment	17,075	76
Betterments	7,497	05
Betterments Apportioned	580	46
Betterments Apportioned paid in advance ...	47	40
Sidewalk Applications	2,354	34
Sidewalk Assessments	7,551	19
Sidewalk Apportionments	1,181	70
December Taxes, 1916 and 1917	7,270	68
Water Service	90,789	60
Water Service, Charles S. Baxter, City Solicitor, amount recovered for water used in rebuilding Wellington Bridge	22	33

Engineering Department Expenses

Received from:

Water and Sewer Department, labor and car-fares	\$488	98
Highway Department, labor and carfares ...	1,042	47
City Hall, Construction Account, labor	8	26
Repair Shop, Fire Department, labor	18	35
	<hr/>	
	\$1,558	06

Estates Bought at Sale for Taxes

Received from :

Edna M. Pope, release of tax title	\$65 57
William D. Wheeler, release of tax title	91 40
Robert J. Jones, release of tax title	22 32
Charles S. Ensign, Jr., release of tax title ...	151 93
Mary C. Tarbox, release of tax title	9 89
William B. Holland, release of tax title	35 59
John H. H. McNamce, release of tax title	285 72
George B. Hayward and Margaret A. Crowdis, Administrators of estate of F. E. Chandler, release of tax titles	989 20
	<hr/>
	\$1,651 62

Electrical Department Expenses

Received from :

Election Expense Account, installing light in booth	\$5 50
City Hall Account, use of telephone	6 00
Aldermen's Contingent Account, use of tele- phone	18 00
Building Inspector's Account, use of telephone	10 00
	<hr/>
	\$39 50

Excess and Deficiency

Received from :

Edward W. Hayes, City Collector, tax collect- ed after abatement	\$4 25
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Fire and Police Signal Service

Received from :

Metropolitan Park Commission, replacing cross arms and wires on poles	\$114 86
--	----------

Gypsy and Brown Tail Moths

Received from:

Medford Public Library, labor	\$ 1 40
Medford Park Department, labor	24 50
Medford School Department, labor	16 10
Arthur Orpin, lead	18 00
Estate S. C. Lawrence, lead	54 00
High School Athletic Association, labor and creosote	1 40
	<hr/>
	\$115 40

General Expenses School Department

Received from:

Hermon C. Bumpus, tuition	\$50 00
Seymour Hudgins, tuition	25 00
City of Boston, tuition	52 50
Commonwealth of Massachusetts, tuition of State Minor Wards	1,262 25
	<hr/>
	\$1,389 75

General Repairs of Highways

Received from:

New England Tel. & Tel. Co., tarred stone ..	\$ 1 80
R. D. Glawson, crushed stone	3 75
J. W. Savage, crushed stone	1 41
John H. Byron, crushed stone	15 85
W. O. Smith, crushed stone	1 75
Lewis H. Lovering, crushed stone	15 71
Shepherd Brooks, crushed stone	18 90
Mrs. O. B. Leonard, crushed stone	2 28
Lawrence N. Barry, crushed stone	5 54

John Kane, crushed stone	\$ 2 50
— Thorp, crushed stone	1 00
George S. Hatch, crushed stone	16 36
J. T. Graham, crushed stone	2 50
Medford Club, crushed stone	3 64
Daniel W. Lawrence, crushed stone	6 78
Charles M. Green, crushed stone	16 59
Edward E. Elder, crushed stone	1 93
William Avery Cary, crushed stone	1 93
Felix Center, crushed stone	3 34
Mrs. Severin St. Denis, crushed stone	2 91
Henry A. Gaffney, gasoline	19 63
Waldo Bros., refund, on car freight	14 95
George W. O'Brien, moving catch basin	60 00
Lewis H. Lovering, use of roller, labor	50 38
John D. Dwyer Co., upright boiler	5 00
John Volpe, Sec., plowing	100 00
Globe & Rutgers Fire Ins. Co., damage to car Feb. 5	46 00
James J. Larkin, land on Court street	100 00
Patrick Reynolds, old tires, junk	47 63
Ernest Mahoney, tarite and teaming	22 50
George Center, old iron and tires	21 18
Reginald Bradlee, red gravel	3 00
Shepherd Brooks, tarviated stone, dynamite, etc.,	145 98
Ada R. Lowe, lowering edgestone	3 00
William Brewster, two horses	85 00
Henry Risman, old tires	2 25
John Doe, pipe	50

*Sundry Medford Accounts for Labor, Crushed Stone, Teaming,
etc.*

Water and Sewer Department, crushed stone.	198 95
Cemetery Department, crushed stone	5 89
Sidewalks and Edgestones, crushed stone	1,913 79

RECEIPTS

21

Original Construction of Streets, crushed stone	\$ 562 50
Park Department, crushed stone	16 49
Street Construction, crushed stone	1,200 00
Surface Drains, crushed stone	30 00
Repair Shop Fire Department, crushed stone, use of roller, etc.,	148 25
Health Department, gasoline	107 76
Ashes, teaming	3,461 90
Collection of House Offal, teaming	1,911 20
Water and Sewer Department, dynamite, use of roller	57 41
Surface Drains, teaming	3 51
Original Construction of Streets, crushed stone, teaming	1,668 37
Sidewalks and Edgestones, teaming, use of truck	860 58
Park Department, use of truck, teams, cement	25 60
Fuel, School Department, coal	156 86
School Department, labor, teaming	53 50
	<hr/>
	\$13,236 03

Health Department Expenses

Received from:

Outside Relief Account, use of telephone	\$24 00
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High Schoolhouse Repairs

Received from:

Sundry Insurance Companies, loss by fire, Dec. 5, 1916	\$495 00
--	----------

Income From Trust Funds

Received from:

Commissioners of Sinking Funds, for year ending Nov. 1, 1917	\$714 68
--	----------

Medford Savings Bank, for year ending Nov. 1, 1917, Bradbury Fund	\$ 454 58
	\$1,169 26

Interest

Received from:

National Shawmut Bank, on deposits (Treasurer)	\$918 03
National Shawmut Bank, on deposits (Collector)	201 60
Tremont Trust Co., on deposits (Treasurer) ..	521 20
Medford Trust Co., on deposits (Treasurer) ..	667 01
Medford Trust Co., on deposits (Collector) ..	217 13
James Morrison, on return insurance premium	21 40
Harris, Forbes & Co., on bonds purchased	1,529 38
Old Colony Trust Co., on bonds purchased ..	292 50
Edna N. Pope, release of tax title	2 91
William D. Wheeler, release of tax title	3 78
Robert J. Jones, release of tax title	4 38
Charles S. Ensign, Jr., release of tax title	8 39
Mary C. Tarbox, release of tax title	18
William B. Holland, release of tax title	8 67
John H. McNamee, release of tax title	5 00
George B. Hayward and M. A. Crowdis, administrators, release of tax titles	18 84

Edward W. Hayes, Collector, on following accounts:

Sidewalk Assessments	29 36
Sidewalk Apportionments	108 56
Sewer Connections	49 36
Sewer Connections, added to taxes	122 97
Sewer Connections, apportioned	202 95
Sewer Assessments	230 21

RECEIPTS

23

Sewer Apportionments	\$	352 60
Taxes		12,787 60
December Taxes		19 10
Betterments		94 83
Betterments Apportioned		40 31
		\$18,458 25

Interest on the Water Debt

Received from:

Commissioners of Sinking Funds, income from Water Loan sinking fund for 1916		\$6,135 78
---	--	------------

Insurance

Received from:

Providence, Washington Insurance Co., by James Morrison, Agent, return premium.		\$210 00
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Miscellaneous Credits

Received from:

Commonwealth of Massachusetts:		
Public Service Corporation Tax		\$8,065 17
Business Corporation Tax		7,865 61
National Bank Tax		2,415 52
Burial of Soldiers and Sailors		150 00
Soldier's Exemption		49 48
Corporation Tax Adjustment		42 64
Income Tax		65,906 44
First District Court E. M., fines and fees		322 91
John R. Fairbairn, Master, fines and fees		227 00
Jackson & Curtis, premium on notes		2 00
S. N. Bond & Co., premium on notes		60

Society Players Film Co., rent of land to Feb. 1, 1918	\$1,500 00
John Tosi, peddler's license	10 00
Boston & Maine R. R., sealing scales	59
Edna M. Pope, costs, release of tax title	12 05
William D. Wheeler, costs, release of tax title	3 95
Robert J. Jones, costs, release of tax title ...	3 95
Charles S. Ensign, Jr., costs, release of tax title	11 85
Mary C. Tarbox, costs, release of tax title ...	3 95
William B. Holland, costs, release of tax title	3 95
John H. McNamee, costs, release of tax title .	3 95
G. B. Hayward and M. A. Crowdis, Administrators, costs, release of tax title	40 50
Malden & Melrose Gas Light Co., permits ...	107 50
Malden Electric Co., permits	45 50
New England Realty Co., permits	20 00
John F. Welch, news boy's licenses	5 00
Edward W. Hayes, Collector, certificates (Chapter 378, Acts 1907)	281 00
Edward W. Hayes, Collector, costs on taxes ..	2,522 60
Edward W. Hayes, Collector, costs on sewer assessments	67 16
Benjamin F. Haines, Mayor, fees for licenses .	312 84
Charles A. Winslow, City Clerk, fees	3,029 59
Winslow Joyce, Sealer, fees	160 50
Winslow Joyce, milk licenses and renewals ..	104 50
Frank B. Blodgett, permits	319 00
Hugh G. Kennedy, permits	50 00
Henry A. Gaffney, permits	437 50
Sundry Persons, sale of Cemetery Lots	253 60
Sundry Persons, redemption of tax titles	25 00
Edward W. Hayes, Collector, costs on sidewalk assessments	15 00
Edward W. Hayes, Collector, costs on betterments	5 00
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	\$94,403 40

Miscellaneous Account

Received from:

Fred H. Nickerson, proceeds of flags sold ...	\$19 25
Ward's, refund on account of index cards ...	1 35
City Treasurer, refund of duplicate charge by Medford Flower and Gift Shop	1 50
Mary M. Ready, refund of amount paid her for services for Exemption Board	60 00
	<hr/>
	\$82 10

Notes in Anticipation of Revenue

Received from:

R. L. Day & Co., face value of notes No. 287 to 296 inclusive	\$100,000 00
Jackson & Curtis, face value of notes No. 297 to 306 inclusive	100,000 00
S. N. Bond & Co., face value of notes No. 307 to 316, 322 to 326 and 332 to 336 inclusive	200,000 00
F. S. Moseley & Co., face value of notes No. 317 to 321, inclusive	50,000 00
Harris, Forbes & Co., face value of notes No. 327 to 331, inclusive	50,000 00
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	\$500,000 00

Ordinary Expenses Fire Department

Received from:

Patrick Reynolds, harnesses, blankets and junk	\$70 95
J. W. Russell, Jr., hose	13 45
George Center, hose	45 93
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	\$130 33

Osgood Schoolhouse

Received from:

Haywood Bros. & Wakefield Co., allowance on desks exchanged	\$191 40
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Outside Relief

Received from:

Commonwealth of Massachusetts, aid rendered	\$378 34
City of Boston, aid rendered	509 31
City of Malden, aid rendered	66 20
City of Somerville, aid rendered	114 64
City of Melrose, aid rendered	20 72
Town of Milton, aid rendered	1 25
Thomas G. Casey, care at Hospital	36 00
Boston City Hospital, refund of amount paid by individual	21 00
City Treasurer, allowances returned to Treasury	12 00
	\$1,159 46

Original Construction of Streets

Received from:

Street Construction Account, cost of Grant avenue and Harvard street	\$7,000 00
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Payment of City Debt

Received from:

Commissioners of Sinking Funds, to retire bonds and notes	\$253,300 00
Harris, Forbes & Co., premium on bonds	57 90

RECEIPTS

27

Old Colony Trust Co., premium on bonds	\$ 37 50
	<hr/>
	\$253,395 40

Public Library

Received from:

J. O. Hayden, Co. Treas., 92 per cent of \$1816.80 dog licenses for 1916	\$1,671 46
Abby L. Sargent, fines, books lost, etc.	474 79
Income from Trust Funds Account: interest on Osgood fund of \$2009.42; Tufts fund of \$500; Munroe fund of \$500; 1 year to Nov. 1917.	135 41
	<hr/>
	\$2,281 66

Printing Reports

Received from:

Medford School Department, difference in cost of printing school report as per agreement	\$ 36 25
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Perpetual Care Fund

Received from:

Mary C. Waite	\$153 00
Ida M. Paine	150 00
Ida L. Hartshorn	78 00
Francis V. Streeter	75 00
Carrie W. Hoover	75 00
J. Eugene Ames	75 00
Margaret H. Fahey	75 00
Harry J. Newhall	65 00
Est. Frank W. Dow	65 00

Ella L. Wall	\$ 62 50
E. Jane Howes	62 50
Chares K. Baldrey	62 50
Edgar W. Evans	62 50
Est. Walter C. Wright	58 22
George P. Yeamans	50 00
Est. Elizabeth H. Smith	50 00
Grace D. Haskell	50 00
Ernest R. Brackett	50 00
Edith E. Allen	50 00
Frank W. Dodge	50 00
Minerva G. Gill	50 00
William H. Tobin	50 00
Miss B. J. Lubin	40 00
Mary E. Tufts	30 66
City of Medford Trustee, lot 120 Evergreen lawn	31 25
City of Medford Trustee, lot 103 Brooks lawn	25 00
William Hindle	27 00
Helen E. McDonald	27 00
Frank N. Fisher	25 00
Est. A. G. Fogland	25 00
	<hr/>
	\$1,750 13

Sewer Construction

Received from :

Boston Elevated Railway Co., cement, brick, labor	\$20 62
Eugene F. Irwin, cement	1 00
George W. Blanchard & Co., cement bags....	95 00
Boston & Maine R. R., lowering man hole	14 26
Patrick Kearins, cement	1 05
Sewer Maintenance Account, stock used in 1916	27 35

RECEIPTS

20

Highway Department, lowering sewer connection	\$ 6 96
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	\$166 24

Salaries of Teachers

Received from:

City Treasurer, error on pay roll	\$ 15 00
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Sewer Maintenance

Received from:

Elbridge G. Holmes, cleaning sewer connection	\$ 1 46
John F. Boles, Trustee	8 60
Walter I. Weeks	1 77
John A. Walker, Jr.	12 61
Frederick E. Nickels	1 85
Joseph E. Ober	1 44
W. F. Bartlett	3 21
Lidian E. Bridge	2 96
Stone, Timlow & Co. Inc.	4 65
Mamert Walentonoweez	1 50
Catherine Kurrus	1 50
	<hr/>
	\$ 41 55

State Aid

Received from:

City Treasurer, allowances returned to treasury	\$ 198 00
Commonwealth of Massachusetts, State Aid (1916).	5,786 79

Commonwealth of Massachusetts, Military Aid (1916).	\$ 72 00
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	\$6,056 79

Surface Drains

Received from:

F. E. Gleason, labor on drain	\$ 20 00
James Fannon Construction Co., man hole frame and cover	18 00
	<hr/>
	\$38 00

Special Police, Etc.

Received from:

John F. Welch, chief, sale of old tires	\$ 16 00
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Sidewalks and Edgestones

Received from:

Minell & Roberts, extension of sidewalk	\$ 15 00
C. F. Glennen, wall in front of rectory	18 75
Specialty Paper Manufacturing Co., cutting driveway	10 00
M. J. Hughes, crushed stone	2 25
Water and Sewer Department, repairing dam- age	4 40
Ross Bridge, lowering driveway	10 00
Frederick H. Sleuman, lowering edgestone . .	3 00
J. W. Davis, lowering edgestone, etc.	35 00
Samuel L. Connor, lowering edgestone	3 00
John W. Campbell, lowering edgestone	5 00
E. H. Hatch, lowering edgestone	3 00
Elmer C. Moulton, lowering edgestone	3 00
G. A. Allison, lowering edgestone	3 00

RECEIPTS

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Patrick Gillispee, lowering edgestone	\$ 3 00
J. Pope, lowering edgestone	5 00
William A. Pride, lowering edgestone	5 00
Menettio Price, lowering edgestone	5 00
J. J. Clear, lowering edgestone	3 00
Leroy White, lowering edgestone	3 00
Samuel Adler, lowering edgestone	3 00
J. A. Dirwanger, lowering edgestone	3 00
T. F. Connell, lowering edgestone	2 50
T. J. Donovan, lowering edgestone	3 00
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	\$150 90

Trees

Received from:

Gypsy and B. T. Moth Account, erroneous charge	\$ 19 45
W. J. Spinney, labor on trees	3 75
Joseph W. Phelan, labor on trees	2 50
Edward E. Elder, labor on trees	2 05
	<hr/>
	\$ 27 75

Trade Schools

Received from:

Commonwealth of Massachusetts, 1/2 cost of tuition from Sept. 1, 1915 to Aug 31, 1916	\$894 68
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Watering Streets

Received from:

Surface Drain Account, use of truck	\$ 49 37
Sidewalks and Edgestone Account, use of truck	123 87

C. J. Sweeny, Woodworth truck	\$ 500 00
Gibney Tire & Rubber Co., discount on bill of May 14	1 71
City of Somerville, oiling Boston avenue	75 92
	<hr/>
	\$750 87

War Emergency (Public Safety Division)

Received from:

Matthews Lumber Co., refund of amount paid for bean poles by L. P. Patten	\$ 12 96
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DUPLICATE AND NON-REVENUE PRODUCING ITEMS

Credited to	From	
Engineering Dept. Expenses	City Hall Construction.....	\$ 8 26
	Repair Shop—Fire Dept.....	18 35
	Water Service	243 04
	Sewer Construction	245 94
	Original Construction of Sts.	68 37
	Stone Bounds	5 48
	Street Construction	3 96
	Sidewalks and Edgestones...	648 07
	Surface Drains	136 93
	Watering Streets	179 66
Electrical Dept. Expenses	Election Expenses	5 50
	City Hall	6 00
	Aldermen's Contingent	18 00
	Building Insp. Expenses	10 00
Gypsy and Brown Tail Moths	Public Library	1 40
	Public Commons	24 50
	Gen'l Expenses—School Dept.	16 10
Gen'l Repairs of Highways	Health Dept. Expenses	107 76
	Ashes	3,461 90
	Coll. of House Offal.....	1,911 20
	Surface Drains	33 51
	Original Construction of Sts.	2,230 87
	Sidewalks and Edgestones...	2,774 37
	Repair Shop—Fire Dept.....	148 25
	Street Construction	1,200 00
	Public Commons	42 09
	Fuel—School Dept.	156 86
	Gen'l Expenses—School Dept.	53 50
	Care of Cemeteries	5 89
	Sewer Construction	188 38
	Water Service	67 98
Health Dept. Expenses	Outside Relief	24 00
Original Construction of Street	Street Construction	7,000 00
Printing Reports	Gen'l Expenses—School Dept.	36 25
Sewer Construction	Sewer Maintenance	27 35
	Surface Drains	6 96
Trees	Gypsy and Brown Tail Moths	19 45
Watering Streets	Surface Drains	49 37
	Sidewalks and Edgestones...	123 87
Water Service	Brooks and Streams	12 71
	Sewer Construction	3,266 20
		\$24,588 28

Duplicate and Non-Revenue Producing Items.—Continued.

Refunds	
Credited to	From
Collecting Dept. Expenses	City Treasurer\$ 90
Miscellaneous Account	Mury Ready 60 00
	City Treasurer 1 50
Outside Relief	Boston City Hospital 21 00
	City Treasurer 12 00
Salaries of Teachers	City Treasurer 15 00
State Aid	City Treasurer 198 00
Watering Streets	Gibney Tire & Rubber Co.... 1 71
War Emergency	Matthews Lumber Co. 12 96
	\$323 07

EXPENDITURES**Aldermen's Contingent**

Paid:

J. C. Miller, Jr., printing	\$ 63 15
Medford Flower & Gift Shop, flowers	23 50
E. B. Thorndike & Son, advertising hearings .	34 48
Medford Messenger, advertising hearings	8 25
Medford Publishing Co., advertising hearings	19 00
A. Lane, dinners	1 75
Agnes M. Fitzgerald, clerical work	3 00
C. S. Cederblad, clerical work	3 00
Mary M. Lake, clerical work	3 00
H. R. Grant, collation	40 00
Medford Post Office, special delivery stamps .	2 10
W. J. McClellan, moving furniture	11 50
George H. Janes, Jr., electrical work	30 46
Malden Electric Co., tungstens	6 84
Frank H. Peak, pencils	1 65
Cradock Garage, taxi service	15 50
Elvin Johnson, janitor service	48 00
G. B. Trowbridge, distributing manuals	3 00
Ralph E. Peak, paper, pencils	4 43
C. A. Connors, pencils	7 00
J. E. Sweeny, carpentry	3 75
Medford Electrical Department, use of phone	18 00
Adams, Cushing & Foster, stationery	60
Chester W. Clement, engrossing	35 00
"The Quiney," banquet for Board	107 75
The Boston Regalia Co., engraving, etc.,	3 48
George E. Crosby Co., printing	222 00
Sprague-Hathaway Co., frame	4 75
M. A. Allen, copies of budget	11 60
Arthur T. Lovell, reporting hearing	37 95
H. B. McArdle, pens	1 00

 \$775 49

Armory

Paid:

Trustees of Veteran Association of the Lawrence Light Guard of Medford, rent, including heating, lighting and care, 1 year to January 1, 1918	\$2,000 00
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Bonds of City Officials

Paid:

Lewis H. Peters, premium on bonds	\$ 33 60
O'Neil & Parker, Managers, premiums	761 00
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	\$594 60

Charles River Basin Assessment

Paid:

Commonwealth of Massachusetts, Interest on Basin Loan Fund	\$1,229 99
Cost of Maintenance	1,625 15
Serial Bonds	107 10
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	\$2,962 27

Claims

Paid:

Margaret T. Evans, for injuries alleged to have been received by reason of defective sidewalk at Tufts Square	\$ 100 00
Catherine A. Mahoney and Heirs of John Mahoney, for damage by water to land on Court street.	75 00
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	\$ 175 00

City Collector—Watering Assessment

Paid :

George A. Richards, refund of 1915 assessment, because of error in description. Tax Sale July 10, 1917	\$ 1 41
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City Collector—Taxes

Paid :

Climena H. Drake, refund of erroneous tax, 1915	\$ 92 56
George A. Richards, refund of 1915 tax, because of error in description. Tax Sale of July 10, 1917	110 24
	\$ 202 80

City Collector—Sewer Connections

Paid :

John A. Walker, refund for assessment paid twice	\$ 31 49
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City Hall Construction

Paid :

M. M. Dyer, extra work	\$15,221 00
M. M. Dyer, on contract	1,500 00
Elmer Smith Bailey, Architectural services ..	5,758 48
Elmer Smith Bailey, on extra work	913 26
Elmer Smith Bailey, for Superintendent	930 00
B. F. Smith & Co., additional test borings	400 25
E. B. Thorndike & Co., advertising proposals .	5 25
Medford Publishing Co., advertising proposals	13 50
Medford Trust Co., rent for basement	120 00

W. E. Gerry & Co., settlement of claim	\$ 300 00
C. H. Tinkham, photo work	4 10
Medford Engineering Department, labor	8 26
F. W. Norris & Co., rent for offices	1,540 00
Daniel J. McGillicuddy, serving notices	2 45
Arthur T. Lovell, reporting hearing	82 60
Boston Transcript, advertising proposals	15 00
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	\$26,814 15

Decoration and Care of Soldiers' Graves

Paid:

Frank O. Waterman, Quartermaster, Post 66, G. A. R., amount of appropriation	\$ 350 00
Camp 30, Spanish War Veterans, amount of appropriation	75 00
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	\$ 425 00

Hancock Avenue Schoolhouse

Paid:

American Seating Co., labor	\$ 20 80
Richard H. Kimball, wiring air compressor . .	51 82
Davis Co., on contract for dampers, etc.	130 00
Johnson Service Co., labor on heat regulator .	125 00
Malden Electric Co., installing underground service	20 73
Freeman O. Emerson, fire and boiler insurance	417 14
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	\$ 765 54

High Schoolhouse Addition

Paid:

Lewis H. & F. W. Lovering, making wardrobes	\$ 281 00
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EXPENDITURES

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Yawman & Erbe Mfg. Co., educational outfit	\$	72	30
William Leavens & Co., tables		41	25
Underwood Typewriter Co., tables		17	50
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	\$	412	05

Osgood Schoolhouse

Paid:

Daniel Knowlton, on contract	\$3,093	75
Daniel Knowlton, extra work	132	70
Charles B. Dunham, supervision	270	29
Page & Curtin, on contract	187	50
C. H. Tinkham, clocks	92	00
Kenney Bros. & Wolkins, tables	45	00
American Seating Co., desks	228	00
Heywood Bros. & Wakefield Co., school furniture	978	35
Allen Shade Holder Co., shades	90	00
E. H. Tarbell Co., electrical work	145	00
Richard D. Kimball Co., engineering services	995	78
Freeman O. Emerson, boiler insurance	4	43
Winslow W. Fifield, insurance	245	00
Medford, General Repairs of Highways, labor, teaming	53	50
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	\$6,561	30

Insurance

Paid:

Freeman O. Emerson, on clock on Methodist Episcopal Church, Otis street	\$	12	00
Morrison's Real Estate & Insurance Agency, additional premiums		2	50
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	\$	14	50

Interest on the Water Debt

Paid:

Coupons	\$5,920 00
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Interest

Paid:

Commonwealth of Massachusetts, on registered bonds	\$1,540 00
Old Colony Trust Co., preparation and certification of notes, insurance	257 86
John A. Walker, refund, interest paid twice .	22
Daniel W. Hogan, refund, account abatement	77
Daniel W. Lawrence, interest accrued on amount paid for Mosquito assessment ...	13 37
Georgianna M. Reed, interest paid and accrued, on amount paid for Mosquito assessment	8 43
Climena H. Drake, refund on account of erroneous tax, 1915	9 37
Arthur W. Wellington, interest paid and accrued on amount paid for Mosquito assessment	80 90
M. Norton & Co., interest accrued on amount paid for Mosquito assessment	70 81
George A. Richards, refund, error in description, Tax Sale, July 10, 1917	11 63
New England Brick Co., amount recovered by suit for Mosquito assessment	87 50
George H., Harriet J., and Mary E. Russell, interest accrued on amount paid for Mosquito assessment	11 01
Arthur W. and George A. Wellington, interest accrued on amount paid for Mosquito assessment	37 76

EXPENDITURES

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Heirs of Jonathan Teel, interest accrued on amount paid for Mosquito assessment ..	\$ 8 90
Charles A. Winslow, release of claims for salary and fees	1,600 00
Charles H. Loomis, for attorney's fees in lawsuit	500 00
On Notes in Anticipation of Revenue, as follows:	
R. L. Day & Co., on \$50,000, 269 days at 3.81; on \$50,000, 276 days at 3.81 ...	2,883 96
S. N. Bond & Co., on \$50,000, 239 days at 4.09; on \$50,000, 265 days at 4.09; on \$50,000, 267 days at 4.67; on \$50,000 253 days at 4.60	6,211 17
F. S. Mosely & Co., on \$50,000, 233 days at 5.22	1,689 24
Harris, Forbes & Co., on \$50,000, 258 days at 4.19	1,501 42
Jackson & Curtis, on \$50,000, 255 days at 3.89; on \$50,000, 272 days at 3.89 ..	2,847 27
Coupons	83,602 56
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	\$102,974 15

Income from Trust Funds

Paid:

Public Library Department, income from Osgood, Tufts and Munroe Funds, for one year to Nov. 15, 1917	\$ 135 41
Sundry Persons, as per payroll, income from Bradbury Fund, one year to Nov., 1917 ..	454 58
Sundry Persons, as per pay rolls, income from Seccomb Fund, one year to Nov., 1917 ..	261 00
Sundry Persons, as per pay roll, income from Simonds Fund, one year to Nov., 1917..	58 50

Protestant Churches of Medford, on \$5000
(Hall Church Fund) for one year to Nov.
1917, divided as follows:

Baptist Church, 630 members	\$ 69 45
Mystic Church, 387 members	42 65
Methodist Church, 356 members	39 25
Episcopal Church, 328 members	36 25
Unitarian Church, 182 members	20 05
Universalist Church, 157 members	17 35
	<hr/>
	\$1,134 49

Metropolitan Park Tax

Paid:

Commonwealth of Massachusetts:

Metropolitan Park Loan Sinking Fund	\$ 782 34
Interest on	4,749 54
Cost of Maintenance	10,071 85
Serial Bonds	492 92
Cost of Maintenance (Nantasket)	483 98
Cost of Maintenance (Wellington Bridge)	30 36
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	\$16,610 99

Metropolitan Sewer Tax

Paid:

Commonwealth of Massachusetts:

Metropolitan Sewerage Loan Sinking Fund	\$ 6,027 39
Interest on	11,917 80
Cost of Maintenance	9,976 69
Serial Bonds	1,134 32
	<hr/>
	\$29,056 20

Metropolitan Water Tax

Paid:

Commonwealth of Massachusetts:

Metropolitan Water Loan Sinking Fund	\$ 3,799 40
Interest on	21,354 75
Cost of Maintenance	7,991 33
Serial Bonds	521 27
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	\$33,666 75

Middlesex County Tax

Paid:

J. O. Hayden, County Treasurer, tax 1917 ...	\$31,995 88
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Wellington Bridge

Paid:

Commonwealth of Massachusetts:

Metropolitan Parks, Wellington Bridge,

Serial Bonds	\$ 1,840 00
Interest on	625 60
Maintenance	2,134 08
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	\$4,599 68

Mosquito Nuisance

Paid:

New England Brick Co., recovered by suit ...	\$ 770 90
Georgiana M. Reed, refund of assessment ...	97 34
Daniel W. Lawrence, refund of assessment ..	191 76
Arthur W. Wellington, refund of assessment .	541 74
M. Norton & Co., refund of assessment	457 45

George H., Harriet J., and Mary E. Russell, refund of assessment	\$ 70 53
Arthur W. and George A. Wellington, refund of assessment	273 81
Heirs of Jonathan Teel, refund of assessment	104 98
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	\$2,508 51

Miscellaneous Account

Paid:

James W. Robertson, refreshments inauguration	\$300 00
Medford Post Office, stamps	26 06
Medford Flower & Gift Shop, flowers	10 00
Medford Publishing Co., subscription, printing, envelopes	526 25
Medford Ice Co., ice for fountains	150 00
George F. Weston, Jr., cash paid for ribbon .	15 50
J. C. Miller, Jr., making badges	4 25
Frank H. Peak, envelopes, clips	24 50
David Anderson, keys, lock	5 25
C. H. Tinkham, photo work	2 46
A. Lane, coffee, sandwiches	3 65
Firemen's Memorial Committee, for decoration of Firemen's graves	50 00
Welch's Express, expressing	1 90
W. J. McClellan, teaming settees	60 00
Margaret I. Tobin, services as Mayor's stenographer	921 68
Veronica J. Kane, stenography	36 00
Anna Gearin, stenography	5 00
Francis O'Callaghan, stenography	188 25
Hortense Mitchell, stenography	36 00
Marie A. Nagle, stenography	22 50
Mary Ready, stenography	94 00
Esther Reynolds, stenography	6 75
Marion Matthews, stenography	6 00

EXPENDITURES

45

Western Union Telegraph Co., telegrams	\$	24 60
A. C. Mangels, expense for Planning Board . .		3 17
I. W. Mullett & Sons, printing		8 00
C. H. Tinkham, picture framing		4 10
Peter Lenox, rent for Pound, one year		25 00
New England Tel & Tel. Co., rental		50 71
Everett City Band, music for Co. E banquet .		75 00
L. H. Lane, printing brief		18 50
Carter's Band, services at inauguration		61 00
Bureau of Department Reports, membership .		15 00
Multipost Co., stamp machine		25 00
New England Decorating Co., decorations and curtains for inauguration		18 00
Remington Typewriter Co., rental, supplies, typewriter		121 45
Ward's, stationery supplies		91 10
Zinn's, flowers		20 00
Security Safe Deposit Co., rent for safe		60 00
Iver Johnson Sporting Goods Co., flags		36 00
American Awning & Tent Co., awning and frame		33 75
Edwin C. Lewis, electrical work		37 92
G. A. Jackson, books on Municipal Corpora- tions		35 00
Frederick Eeles Co., binding		6 00
		\$3,265 30

Miscellaneous Credits

Paid:

Edward J. Gaffey, burial, agent's fee	\$	50 00
George Nichols Co., burials, agent's fees . . .		100 00
H. A. Weir, burial, agent's fee		50 00
First District Court E. M., expenses of court officer		16 59

REPORT OF CITY AUDITOR

Daniel W. Hogan, refund of costs on tax	\$	45
Climena H. Drake, refund of costs on tax		6 50
M. Norton & Co., refund of costs on tax		28 00
New England Brick Co., refund of costs, fees		40 13
George A. Richards, refund of costs on tax . .		6 70
George H., Harriet J., and Mary E. Russell, refund of costs on tax		7 00
Oscar H. Allen, for defence of suit		25 00
Harry Highley, for defense of suit		25 00
Barker B. Howard, for defense of suit		25 00
Warren H. Keay, repairing ceilings damaged by blasting		32 00
		<hr/>
		\$412 37

Notes in Anticipation of Revenue

Paid:

Nos. 267 to 271 inc., due Jan. 15, 1917	\$50,000 00
Nos. 272 to 276 inc., due Feb. 15, 1917	50,000 00
Nos. 277 to 281 inc., due Mar. 15, 1917	50,000 00
Nos. 282 to 286 inc., due Apr. 13, 1917	50,000 00
Nos. 287 to 291 inc., due Nov. 9, 1917	50,000 00
Nos. 292 to 296 inc., due Nov. 16, 1917	50,000 00
Nos. 297 to 301 inc., due Nov. 23, 1917	50,000 00
Nos. 302 to 306 inc., due Dec. 10, 1917	50,000 00
Nos. 307 to 311 inc., due Dec. 20, 1917	50,000 00
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	\$450,000 00

Overlay and Abatement, 1915

Paid:

Woodland & Jackson, Tr., abatement on real estate	\$	23 92
Daniel W. Hogan, abatement of personal tax .		8 32
		<hr/>
	\$	32 24

EXPENDITURES

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Overlay and Abatement, 1916

Paid:

Judson A. Rockwood, abatement of real estate and poll taxes	\$ 21 80
Frank E. Graham, abatement of personal tax	1 98
Mary Josephine Hanning, abatement on real estate tax	9 90
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	\$ 33 68

Overlay and Abatement, 1917

Paid:

Mary D. Beane, abatement on real estate	\$ 2 14
James J. Larkin, abatement on real estate ...	8 56
Ada B. Poole, abatement on personal estate ..	14 98
Frank E. Graham, abatement on personal estate	4 28
Harry B. Ballou, Jr., abatement on personal estate	8 56
Arthur Howland, Tr., abatement on personal estate	47 08
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	\$ 85 60

December Tax Levy

Paid:

Katherine Carroll, Extrx., abatement	\$ 213 84
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Perpetual Care Fund

Paid:

Medford Commissioners of Sinking Funds,

amount received by the City in 1917 for the Perpetual Care Fund	\$1,750 13
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Rental of City Offices and Vault

Paid:

F. W. Norris & Co., Agents	\$1,320 00
Medford Trust Co.	160 00
	\$1,480 00

Rifle Practice

Paid:

Herbert F. Dowell, Capt. Co. G Mass. State Guard, for target practice at Wakefield, Mass.	\$ 168 00
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Rent of G. A. R. Hall

Paid:

E. B. Moore, Agent	\$ 400 00
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Sinking Funds

Paid:

Medford Commissioners of Sinking Funds, amount appropriated for 1917	\$14,920 00
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Soldiers' Relief

Paid:

Sundry Persons, cash allowance	\$ 471 00
Sundry Persons, as per pay rolls	2,366 96
	\$2,837 96

Payment of City Debt

Paid:

High School Addition Bond, No. 5 due Jan. 1, 1917	\$1,000 00
City Hall Bonds, Nos. 1 to 10 inc. due Jan. 3, 1917	10,000 00
School Loan of 1912 Bonds, Nos. 136 to 140 inc., due Jan. 1, 1917	5,000 00
High School Addition Bond, No. 6, due Jan. 1, 1917	250 00
Water Fund Bond, No. 73, due Jan. 1, 1917 ..	1,000 00
Water Fund Bond, No. 75, due Jan. 1917....	1,000 00
Sewerage Bond, No. 54, due Feb., 1917	500 00
Note due Feb. 1, 1917, No. 133	1,000 00
Surface Drainage Bond, No. 1, due Mar. 1, 1917	500 00
Street Loan Bonds, Nos. 1 to 3 inc., due Mar. 1, 1917	2,900 00
Osgood School Bonds, Nos. 1 and 2, due Mar. 15, 1917	1,500 00
Municipal Bonds, due May, 1917	193,000 00
Note due May, 1917, No. 118	500 00
Note due May, 1917, No. 3 Original construction of Streets	600 00
Playground Bonds, Nos. 87 to 89 inc. due May, 1917	2,500 00
High School Equipment Bond, No. 3, due June, 1917	500 00
Sewerage Bond, No. 131, due June, 1917	500 00
Forest Street Bond, No. 2, due June, 1917	1,200 00
Hancock Avenue School Bonds, due June, 1917	3,000 00
Playground Bond, No. 107, due July, 1917 ..	200 00
Municipal Loan, Nos. 99 to 102 inc., No. 104, due May, 1917	5,000 00
Playstead Road Bond, No. 2, due July 1, 1917	300 00
Note due July 1, 1917, No. 38	5,000 00

Water Bonds due July 1, 1917, Nos. 202 to 204 inc.	\$ 3,000 00
School of 1912 Bonds, due July 1, 1917, No. 105, and Nos. 21 to 25 inc.	6,000 00
Hancock Avenue School Bond No. 1, due July 1, 1917	250 00
Junior High School Bonds, Nos. 1 to 7 inc., due July 5, 1917	6,250 00
High School Equipment Bond, No. 516, due July 1, 1917	1,500 00
Fulton Heights School Bond, No. 2, due July 1, 1917	500 00
Fire Station Bond, No. 5, due July 1, 1917 ..	600 00
Original Construction of Streets Bonds, Nos. 5 and 6, due July, 1917	1,700 00
Departmental Equipment Bonds, due July, 1917	2,700 00
Drainage Bond, No. 1, due July 1, 1917	1,000 00
Surface Drainage Bonds, Nos. 5 and 13, due July 1, 1917	2,000 00
Notes due Aug. 1, 1917. Nos. 39A, 40A, and 40B.	13,000 00
Sewerage Bonds, Nos. 129 to 144 inc. due Aug. 1, 1917	16,000 00
Note due Sept. 1, 1917, No. 41	5,600 00
Note due Sept. 1, 1917, No. 41A.	5,200 00
Sidewalk Notes, Nos. 1 to 7 inc., due Aug. 1, 1917	7,000 00
Note due, Aug. 1, 1917, No. 39B.	1,500 00
Sewerage Bonds, Nos. 125 to 128, due Aug. 1, 1917	4,000 00
Police Equipment Bond, No. 1, due Aug. 5, 1917	1,000 00
Sidewalks and Edgestones Bond, No. 6, due Aug. 5, 1917	1,000 00
Drainage Bond, No. 1, due Aug. 3, 1917	500 00
Playground Bonds, due Aug. 1, 1917	1,500 00

EXPENDITURES

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Departmental Equipment Bonds, Nos. 16 to 18, due Aug. 1, 1917	\$ 3,000 00
Playground Equipment Bond, No. 1, due Aug. 10, 1917	500 00
School of 1911 Bonds, Nos. 21 and 22, due Sept. 1, 1917	2,000 00
Sidewalk Bonds, Nos. 13 and 14, due Sept. 1, 1917	2,000 00
High School Addition Bond, No. 43, due Sept. 1, 1917	1,000 00
Sewerage Bond, No. 35, due Sept. 1, 1917	500 00
Hancock Avenue Schoolhouse Bond, No. A2, due Sept. 1, 1917	250 00
Old Colony Trust Co., preparation and certification of Bonds	850 00
Junior High School Bonds, Nos. 1 to 4 and No. 1, due Oct. 2, 1917	3,800 00
Hancock Avenue School Bond, No. 1, due Oct. 10, 1917	500 00
Highway Department Equipment Bonds, Nos. 1 to 3, due Oct. 3, 1917	2,500 00
Departmental Equipment Bond, No. 2, due Oct. 1, 1917	800 00
Sidewalk Bond, No. 2, due Oct. 1, 1917	400 00
Street Construction Bond, No. 1, due Sept. 1, 1917	1,000 00
Forest Street Bond, No. 7, due Nov. 1, 1917 ..	1,400 00
Sewerage Bond, No. 74, due Nov. 1, 1917	500 00
Municipal Bonds, Nos. 20 to 24, due Dec. 1, 1917	5,000 00
Extreme Emergency Bond, No. 2, due Dec. 1, 1917	500 00
Surface Drainage Bond, No. 2, due Dec. 1, 1917	500 00
Sewerage Bond, No. 103, due Dec. 1, 1917	500 00
Sidewalk Note, No. 3, due Dec. 1, 1917.....	500 00
Wellington Road Note, No. 3, due Dec. 1, 1917	500 00

School of 1911 Bonds, Nos. 23, 24, due Sept, 1917	2,000 00
	\$349,250 00

Salaries

One year to January 1, 1918, unless specified.

Paid:

Benjamin F. Haines, Mayor	\$2,500 00
Richard L. Baldwin, Mayor's Clerk	700 00
Edwin D. Curran, City Messenger, Jan. 1 to July 7, inc.	674 46
Arthur E. Crowley, City Messenger, from July 25	566 15
Charles S. Baxter, City Solicitor	800 00
Edward W. Barrett, City Physician	400 00
Charles T. Daly, Clerk of Committees	500 00
Harrie W. Peirce, Inspector of Animals.....	100 00
John J. Conway, Chairman Registrar of Voters	175 00
John J. Fitzpatrick, Registrar of Voters	150 00
George F. Cotting, Registrar of Voters	150 00
Charles A. Winslow, Clerk of Registrars	175 00
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	50 00
	\$7,440 61

State Highway Tax

Paid:

Commonwealth of Massachusetts, tax for 1917 (Section. 16, Chap. 47, Revised Laws) ..	\$ 202 89
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State Tax

Paid:

Commonwealth of Massachusetts	\$69,960 00
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State Fire Prevention Tax

Paid:

Commonwealth of Massachusetts, tax for 1917 (Chap. 795, Acts of 1914)	\$ 389 82
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Telephones—City Hall

Paid:

New England Tel. & Tel. Co., rental and tolls .	\$ 373 97
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Departmental Equipment

Paid:

For Electrical Department (\$1,529.38)

Sundry Persons, as per pay rolls	\$ 596 75
W. C. Miles Co., lumber	5 20
Charles H. Gaffney, use of truck	192 50
Welch's Express, expressing	5 05
Boston & Maine R. R., freight	5 38
Gamewell Fire Alarm Tel. Co., register ink..	34
Wetmore, Savage Co., wire	31 40
A. E. Griffen, rent for storage room	36 00
Wellman Co., drilling	45
Troy Bros. & Co., slate	20 00
Boston Nickel Plating Co., plating bolts and nuts	3 00
Sinclair Hardware Co., grinder, batteries, paint, etc.	14 85
Stuart, Howland Co., insulators, cross-arms, braces, bolts, screws, zincs, conduits, wire, fire alarm box, cable, pins, etc.	618 56

For Fire Department (\$1567.45)

E, Teel & Co., Auto Department, Overland Car, chains, etc.	\$ 1,137 45
Republic Rubber Co., hose	87 50
Cornelius Callahan Co., lantern holders, nozzle	27 50
Am. La France Fire Engine Co., chemical tank and fittings	315 00

For Highway Department (\$10,070.00)

Kinney Mfg. Co., combination auto truck	\$5,670 00
Kelley-Springfield Motor Truck Co., truck ..	4,400 00

For Fire Truck

Seagrave Co., Hook & Ladder Truck	\$6,850 00
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For School Department

Teel Mfg. Co., Hudson Super 6 part payment	\$1,632 00
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	\$21,648 93

Swan Junior High Schoolhouse

Paid:

C. S. Cunningham & Sons Construction Co., on contract	\$86,457 70
M. A. Dyer, architectural services	3,721 39
Medford Publishing Co., advertising	22 50
Thomas Leighton, Jr., recording	3 35
Huey Bros. Co., on contract for heating and ventilating	19,115 65
M. B. Foster Electric Co., on contract	5,385 00
A. F. Dyer, on contract for vacuum cleaning and fire lines	1,450 00
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	\$116,155 59

City Hall

Paid:

Night Watchman and Janitor, as per pay rolls	\$ 2,297 56
Malden Electric Co., light	178 10
Medford Ice Co., ice	51 90
Edwin D. Curran, carfares, etc.	1 25
W. E. Gerry, gauze	1 25
Frank H. Peak, mucilage, pencils	2 15
David Anderson, keys, lock	4 50
Sinclair Hardware Co., floor oil, brushes, water tanks, screen wire	30 39
Roy S. White, carpentry	2 00
George H. Janes, Jr., electrical supplies, labor	16 36
Clifford, Black & Co., table	6 93
William Howe, repairing chair	2 75
J. C. Miller, Jr., envelopes, printing	3 10
Craddock Garage, services	6 00
American Express Co., expressing	80
W. J. McClellan, expressing	5 50
Hillside Sign Co., lettering	1 24
Est. John A. Morgan, mazda lamps	10 27
Page & Curtin, floor brush, oil, etc.,	13 05
Warren H. Keay, glazing	3 75
Medford Electrical Department, use of phone	6 00
New England Co., towel supply	81 90
Carter's Ink Co., record ink	8 80
Ward's, stationery supplies	16 85
Belmont Crystal Spring Water Co., water ...	16 80
Warren Carpet Cleaning Co., cleaning rugs ..	5 20
George W. Blanchard & Co., lumber	1 44
Stone & Forsyth Co., paper cups	12 75
George T. Hoyt Co., flag	8 40
E. J. Hervey, soap, matches, etc.	10 05

 \$2,807 04

Trade Schools

Paid:

City of Boston, tuition	\$ 524 22
City of Somerville, tuition	894 27
City of Cambridge, tuition	117 00
Town of Reading, tuition	120 25
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	\$1,655 74

ASSESSING DEPARTMENT

Salaries of Assessors

One year to Jan. 1, 1918, unless specified.

Paid:

Edward S. Randall, chairman, Jan. 1 to Mar. 1 and Sept. 22 to Dec. 31	\$ 530 00
Edward S. Randall, member, Mar. 2 to Sept. 21	502 50
Frederick F. Hoekaday, chairman, Mar. 1 to Sept. 21	670 00
Frederick F. Hockaday, member, Jan. 1 to Mar. 1 and Sept. 22 to Dec. 31	397 50
Herbert B. Lynde	900 00
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	\$3,000 00

Assessors' Expenses

Paid :

Clerk, and assistants, as per pay rolls	\$3,551 17
Medford Publishing Co., subscription, advertising	39 59
Medford Publishing Co., printing Poll Books	449 80
Susan F. Chapin, carfares, expense	5 16
Helen T. Wild, carfares, expense	15 80
Frederick F. Hockaday, cash paid for badges	3 00
George H. Janes, Jr., electrical supplies, etc...	6 94
J. C. Miller, Jr., printing	36 75
Sinclair Hardware Co., tacks	60
George M. Weston, posting	9 00
L. Estelle Blakely, clerical work	4 50
Edward S. Randall, cash paid for stamps, envelopes, etc	13 50
E. B. Thorndike & Son, advertising	25 18
Walter A. Curtis, horse hire	121 50
Maria W. Wait, cash paid for stamps	1 23
American Express Co., expressing	27
L. L. Applin, transfer numbers	81 13
William Jones, information	6 00
E. Wentworth Prescott, information	50 00
Wright & Potter Printing Co., tax blanks ...	4 50
H. B. McArdle, stationery supplies	24 36
A. W. Brownell, printing	39 25
Underwood Typewriter Co., repairs, ribbon .	2 25
Adams, Cushing & Foster, binding valuation books	125 90
Auto List Publishing Co., card list	20 00
Sampson & Murdock Co., directory	6 00
Adder Machine Co., adding machine, paper ..	401 62
Banker & Tradesman, subscription	5 00
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	\$5,050 00

AUDITING DEPARTMENT

Salary of City Auditor

One year to Jan. 1, 1918

Paid:

George D. Cummings	\$ 1,600 00
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Auditing Department Expenses

Paid:

Elsie E. Caughlan, clerical work	\$ 170 58
Mabel A. Joyce, clerical work	3 00
George D. Cummings, cash paid for sundries .	1 86
J. C. Miller, Jr., printing	108 85
Medford Post Office, postage stamps	22 00
George H. Janes, Jr., plug	95
Francis Doane & Co., books, office supplies ..	9 08
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	\$ 316 32

Printing Reports

Paid:

Medford Publishing Co., on contract	\$ 490 75
Medford Post Office, postage stamps	4 70
George D. Cummings, supervising publication of annual reports	50 00
Frederick Eeles Co., binding reports	14 00
Elsie E. Caughlan, reading proof	3 08
Welch's Express, expressing	35
	<hr/>
	\$ 562 88

CEMETERY DEPARTMENT

Salaries of Trustees of Cemeteries

One year to Jan. 1, 1918, unless specified.

Paid:

Robert W. Thorson, chairman, Jan. 1 to Mar. 9	\$ 19 09
Robert W. Thorson, member, Mar. 10 to Oct. 31	32 12
Elery A. Armstrong, chairman, Mar. 10 to Dec. 31	80 91
Elery A. Armstrong, member, Jan. 1 to Mar. 9	9 55
Fred W. Rauskolb	50 00
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	\$ 191 67

Care of Cemeteries

Paid:

Superintendent and workmen, as per pay rolls	\$ 8,081 20
New England Tel. & Tel. Co., rental and tolls	58 34
E. W. Mitchell, cash paid for freight, auto registration and parts, electric lighting, postage, etc.	145 07
Medford General Repairs of Highways, crushed stone	5 89
Medford Water Division, labor on fountains	3 60
Edward A. Badger, City Treasurer, for deficit of Allston P. Joyce	241 91
Winslow Joyce, one half amount paid on account of property on Riverside Avenue ..	24 74
Welch's Express, expressing	75
Boston & Maine R. R., freight	21 04

Savage's Express Co., expressing	\$	50
H. F. Walker, shoeing		46 59
Charles A. Lucia, harness repairs		3 00
William S. Richards, stove and fittings		19 67
H. A. Pinkham, rubber boots		5 50
George Nichols Co., lowering device		95 00
Sinclair Hardware Co., stove repairs, tools, hardware, paint, chains, fertilizer, etc. ..		869 86
Frank H. Peak, stationery supplies		8 15
Medford Publishing Co., printing		20 00
J. N. Cowin & Co., grain, straw, coal		436 59
J. C. Miller, Jr., envelopes, printing		45 55
J. W. Brogan, manure		110 88
J. E. Sweeny, carpentry, stock		96 50
C. H. Tinkham, photo work		9 79
Anthony C. Zacher, tires		53 80
Est. John A. Morgan, disinfectants, etc.		32 00
Morrison's Real Estate & Insurance Agency, insurance		31 05
American Express Co., expressing		8 13
Page & Curtin, hardware, plumbing		23 71
Locke Coal Co., coal		9 41
Edward M. Ports, grinding valves		24 75
Franklin Motor Car Co., automobile, supplies and repairs		1,937 91
H. J. Smith, spruce, hemlock		2 50
Francis Doane & Co., stationery supplies		36 70
Thorpe & Martin Co., account books, paper ..		21 75
Gulf Refining Co., kerosene, gasoline		199 28
International Mfg. & Supply Co., drinking trough		10 00
Charles W. Sabine, stable supplies		2 50
George W. Blanchard & Co., lumber		47 74
Park & Cemetery, subscription		2 00
Joseph Breck & Sons, tools, brooms, seeds, mowing machine, lead		480 28
C. W. H. Moulton Co., ladders		15 35
Frost Insecticide Co., insecticides		10 00

EXPENDITURES

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Henry A. Wheeler & Co., drop cloths, horse covers	\$ 25 75
Reade Mfg. Co., "Herbicide"	85 40
Clinton Concrete Co., markers.....	97 08
Harold L. Bond Co., supplies	2 80
Oliver Whyte Co., steel rods	4 95
American Forestry Co., pin oak	12 50
Waldo Bros., cement	27 50
F. W. Gibbons & Co., seeds	39 00
Granite State Mowing Machine Co., blades ..	9 41
Rawson Conservatories, plants	488 40
Breck, Robinson Nursery Co., trees, shrubs ..	25 65
Ames Plow Co., tools	10 80
Frigid Fluid Co., dirt cover, straps	7 13
H. M. Sawyer & Son, oil clothing	8 80
Thomas F. Royle, vaults, freight	137 78
W. Arthur Lincoln, insurance	54 34
Dutton's Roxbury Store, gauze	3 12
Wetherbee & Whitney, electrical supplies ..	1 12
Wm. H. Hitchings, professional services	4 00
Brown-Howland Co., cards	2 65
Jas. J. Shannon & Co., typewriter supplies..	8 19
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	\$14,355 35

CITY CLERK'S DEPARTMENT

Salary of City Clerk

One year to Jan. 1, 1918.

Paid:

Charles A. Winslow \$ 1,600 00

City Clerk's Department Expenses

Paid:

Clerks, as per pay rolls	\$1,322 40
New England Telephone & Telegraph Co., rental and tolls	28 27
Chas. A. Winslow, cash paid for stamps, car- fares, recording, etc.	60 50
Medford Post Office, box rental	3 00
Loretta Smith, clerical work	50 00
Emma G. May, clerical work	18 75
Isadore Emery, clerical work	7 00
A. E. Cederblad, stenography	30 00
J. C. Miller, Jr., envelopes, printing, binding	305 40
Alfred Derickson, changing combination of safe, making key	5 50
Medford Publishing Co., subscription	2 00
George H. Archibald, labor	1 30
David Anderson, keys	50
Hillside Sign Co., sign	1 00
Malden Electric Co., bulbs, radiator	18 00
William Howe, repairing chairs	6 50
Medford Hillside Garage, rental	6 00
American Express Co., expressing	26
Savage's Express Co., expressing	25
Welch's Express, expressing	50
L. C. Smith & Bros. Typewriting Co., rental, adjusting, ribbon	7 35
Emerson & Co., stamps	70
Wards, stationery supplies	80 50
Thos. F. Pedrick, subscription to Bulletin....	2 00
Thos. Leighton, Jr., recording	6 57
Proudfit Loose Leaf Co., binders, etc	38 18
Jas. J. Shannon & Co., typewriter	23 50
Library Bureau, book	1 25
Dennison Mfg. Co., seals	3 00
T. H. Ball, legal blanks	2 50

EXPENDITURES

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Brown-Howland Co., cards	\$	11 60
John T. Dixon, numbering machine, etc.....		15 13
Sampson & Murdock Co., directories		10 00
Oliver Whyte Co., labor, grill		13 84
W. B. Badger & Co., repairing desk		2 20
Geo. E. Crosby Co., printing		15 00
		<hr/>
		\$2,100 45

Reporting and Recording Births and Deaths

Paid:

Marion E. Winslow, clerical work	\$	26 25
Loretta Smith, clerical work		5 00
Mabel A. Joyce, clerical work, canvassing...		249 83
Geo. M. Weston, canvassing		76 40
J. C. Miller, Jr., printing		29 90
Chas. A. Winslow, postage stamps		5 00
Ward's, typewriter ribbons		2 16
Edw. J. Gaffey, reporting deaths, 1916		19 25
Geo. E. Holbrook, reporting deaths, 1916		9 75
Geo. Nichols Co., reporting deaths, 1916		26 50
J. E. Henderson & Co., reporting deaths, 1916		75
John Bryants' Sons, reporting deaths, 1916..		2 25
G. F. McKenna & Son, reporting deaths, 1916		2 00
Geo. W. Mills, M. D., reporting births, 1916 ..		6 00
Mary W. Clark, M. D., reporting births, 1916		6 00
N. F. Chandler, M. D., reporting births, 1916		2 00
Walter T. Burke, M. D., reporting births, 1916		6 25
E. W. Barrett, M. D., reporting births, 1916..		4 75
A. J. Hawks, M. D., reporting births, 1914,		
'15, '16		2 50
P. F. Gahan, M. D., reporting births, 1915, '16		59 75
Chas. D. McCarthy, Jr., M. D., reporting		
births, 1916		50
E. H. MacMichael, M. D., report'g birth, 1916		25
Jos. H. Kerrigan, M. D., reporting birth, 1916		25

Wm. W. Hartwell, M. D., report'g births, '16	\$	1 00
A. Moll, M. D., reporting births, 1915, '16 . . .		1 75
H. A. Walker, M. D., reporting births, 1916. .		11 75
C. D. McCarthy, M. D., reporting birth, 1917		25
W. G. Brousseau, M. D., reporting birth, 1917		25
C. T. Weeks, M. D., reporting births, 1917. .		75
M. E. Cummings, M. D., reporting birth, 1915		25
E. J. Dailey, M. D., reporting birth, 1917 . . .		25
		<hr/>
	\$	559 48

Election Expenses

Paid:

Election Officers, as per pay rolls	\$2,595 00
Clerical work, posting, as per pay rolls.	168 75
Page & Curtin, duster, screws	2 35
Medford Publishing Co., advertising	42 50
Malden Electric Co., light	19 15
E. B. Thorndike & Son, advertising	25 02
Geo. M. Weston, posting	18 00
Sinclair Hardware Co., tacks, screws, etc.	4 53
J. C. Miller, Jr., printing	602 90
Frank H. Peak, tags	2 63
Geo. H. Archibald, labor	48 10
James H. Payne, clerical work	6 00
E. J. Hervey, candles	20 26
W. J. McClellan, teaming	103 00
J. F. O'Neill, janitor service	27 50
James M. Wheeler, janitor service	22 50
F. H. Walker, janitor service	20 00
G. L. Lambert, janitor service	10 00
B. F. Samson, janitor service	12 50
Paul G. Bickford, janitor service	12 50
W. B. Harvey, janitor service	12 50
Hillside Men's Club, rent for hall	60 00

EXPENDITURES

05

A. Lane, breakfasts for Policemen	\$	27 15
Isadore Emery, clerical work		14 50
Cradock Garage, rental		9 50
Medford Electrical Dpt., installing light.....		5 50
Roy S. White, labor, sundries		62 58
H. Surabian & Co., coal, wood		1 32
C. H. Hartshorn, cases for counting boards..		25 00
Medford Messenger, advertising		82 23
J. E. Sweeney, labor		36 00
Dudley Garage, rental		8 00
Geo. H. Janes, Jr., electrical repairs		4 60
Granville J. Daniels, repairing ballot boxes..		21 00
Cotton & Gould, election crayons		2 50
Wards, stationery supplies		24 35
Dennison Mfg. Co., labels		7 31
John T. Dixon, stamps, repairing		6 38
Comm. of Mass., counting boards		20 00
Brown-Howland Co., cards		5 40
		<hr/>
		\$4,199 01

Printing and Advertising Ordinances

Paid:

Medford Publishing Co., advertising	26 75
E. B. Thorndike & Son, advertising	20 52
J. C. Miller, Jr., printing	1 75
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	\$ 49 02

State Aid

Paid:

Sundry Persons, as per pay rolls	\$14,730 80
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COLLECTING DEPARTMENT

Salary of City Collector

One year to Jan. 1, 1918.

Paid:

Edward W. Hayes	\$ 1,700 00
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Collecting Department Expenses

Paid:

Clerks, as per pay rolls	\$ 2,054 36
Edw. W. Hayes, cash paid for stamps, recording deeds, sundries	728 66
J. C. Miller, Jr., printing	27 15
Medford Publishing Co., printing, advertising	1,153 73
Emery D. Holmes, serving warrants	2 00
Edwin D. Curran, posting	4 00
C H. Tinkham, seals	50
Page & Curtin, oil heater	4 00
American Express Co., expressing	81
Adams, Cushing & Foster, stationery, books	174 98
Multipost Co., stamp machine	25 00
Banker & Tradesman, subscription	5 00
Remington Typewriter Co., carbon	75
Adder Machine Co., ribbon, paper	2 64
Jas. J. Shannon & Co., letter files	4 18
Mosler Safe Co., services	3 00
Morris-Ireland Safe Co., safe	275 00
Hobbs & Warren, blanks, office supplies	6 02
Fred A. Turner, inks	65
	<hr/>
	\$ 4,472 43

ESTATES BOUGHT AT SALE FOR TAXES

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and H. T. Moth Assessment	Various	Total
Nellie M. Naughton	Pt lot 96 Fellsway	1914	4.72	.66	8.00				13.38
Nellie M. Naughton	Pt lot 97 Fellsway	"	17.34	2.40	8.00				27.74
Mary Connors	1872 sq. ft. Russell Street	1915	1.04	.09	6.50				7.63
Edward J. Doherty	430 sq. ft. Usher Road	"	2.08	.18	6.70				8.96
Elizabeth Doherty	1303 sq. ft. Malvern Terrace	"	2.08	.18	6.50				8.76
Andrew Kerr	1150 sq. ft. Rand Street	"	1.04	.09	6.70				7.83
Henry A. Litchfield	1000 sq. ft. Arlington Street	"	1.04	.09	6.70				7.83
Annabelle M. Loudrigan	2224 sq. ft. Fulton Street	"	2.08	.18	6.50				8.76
Frank H. Stevens	4000 sq. ft. Bailey Street	"	3.12	.27	6.50				9.89
Fred C. Tobey	3200 sq. ft. Exeter Street	"	2.08	.18	6.50				8.76
Edna N. Pope	572 sq. ft. Brookings Street	"	2.08	.24	6.50	.30			9.12
Fred'k W. McGowan, Tr.	Lot A, Douglas Road	"	2.08	.21	6.50				8.79
Edward J. Doherty	10,467 sq. ft. and Bldgs., Harvard Avenue	"	242.32	26.33	6.50	4.11			285.72
John F. Gaffney	5211 sq. ft. Rock Glen Road	"	4.16	.46	6.70		.30		11.62
Hrs. Frank E. Chandler....	16 13-100 acres, Wyman St., to Winthrop St., Brooks and Dover Sts.	"	584.48	73.05	8.20	66.87			732.00
Hrs. Frank E. Chandler....	7216 sq. ft. Wyman Street	"	20.80	2.62	8.00	2.61			34.03

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. T. Moth Assessment	Various	Total
Hrs. Frank E. Chandler....	10,504 sq. ft. Woburn St., Cor. West and Dover Sts.....	1915	43.68	5.27	8.00	3.30			60.25
Hrs. Frank E. Chandler....	6280 sq. ft. Chandler Road	"	19.76	2.20	8.00				29.96
Hrs. Frank E. Chandler....	7024 sq. ft. Dover St., cor. Exeter Street	"	11.44	1.27	8.00				20.71
Hrs. Frank E. Chandler....	5480 sq. ft. Dover Street	"	9.36	1.04	8.00				18.40
Hrs. Frank E. Chandler....	7123 sq. ft. Dover St.	"	11.44	1.27	8.00				20.71
Hrs. Frank E. Chandler....	7080 sq. ft. Dover St.	"	11.44	1.27	8.00				20.71
Hrs. Frank E. Chandler....	10,160 sq. ft. Dover St., junc. West Dover St.	"	20.80	2.32	8.00				31.12
Hrs. Frank E. Chandler....	6960 sq. ft. Dover St.	"	11.44	1.27	8.00				20.71
Julia M. O'Brien	4560 sq. ft. Thomas Court.....	"	9.36	1.04	8.00				18.40
* City of Medford utd....	3862 sq. ft. Sheridan Ave.	"	15.60			1.32			16.92
City of Medford	3500 sq. ft. Sawyer St.	"	2.08						2.08
	3500 sq. ft. Sawyer St.	"							
City of Medford utd	5320 sq. ft. Paris St.	"	13.52			.96			14.48
City of Medford utd	800 sq. ft. Paris St.	"	2.08			.15			2.23
City of Medford utd	5696 sq. ft. and Bldg., No. 257 Fulton St.	"	9.36						9.36

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 utd	3837 sq. ft. Fellsway West	1915	2.08						2.08
City of Medford utd	6075 sq. ft. Winslow Ave., cor. Arlington St.	"	1.04						1.04
City of Medford utd	5723 sq. ft. Winslow Ave.	"	1.04						1.04
City of Medford utd	4794 sq. ft. Winslow Ave., cor. Arlington St.	"	1.04						1.04
City of Medford utd	4658 sq. ft. Arlington St.	"	1.04						1.04
City of Medford utd	4000 sq. ft. Arlington St.	1915	1.04						1.04
City of Medford utd	5632 sq. ft. Rand St.	"	.52						.52
City of Medford utd	5492 sq. ft. Rand St.	"	.52						.52
City of Medford utd	4046 sq. ft. Rand St.	"	.52						.52
City of Medford utd	3942 sq. ft. Rand St.	"	.52						.52
City of Medford utd	3837 sq. ft. Rand St.	"	.52						.52
City of Medford utd	3792 sq. ft. Rand St.	"	.52						.52
City of Medford utd	5550 sq. ft. Waddell St.	"	1.04						1.04
City of Medford utd	3500 sq. ft. Sawyer St.	"	1.04						1.04
City of Medford utd	3500 sq. ft. Sawyer St.	"	1.04						1.04

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 utd	3500 sq. ft. Sawyer St., cor. Bowen	1915	1.04						1.04
Robert C. Orpin	450 sq. ft. off Myrtle St.	"	1.04						1.04
Robert C. Orpin	1330 sq. ft. Waddell St.	"	1.04						1.04
	620 sq. ft. Waddell St.	"							
City of Medford utd	20,240 sq. ft. Terrace Rd., junct. Governors Ave.	"	8.32			31.50			39.82
City of Medford	22,600 sq. ft. Governors Ave.	"					1.20		1.20
John J. Whelan	3830 sq. ft. rear Union St.	"	8.32						8.32
City of Medford utd	4530 sq. ft. E. Albion St.	"	5.20				.90		6.10
City of Medford utd	304 sq. ft. Alfred St.	"	1.04			.78			1.82
City of Medford utd	1077 sq. ft. Lawn Park	"	2.08						2.08
City of Medford utd	1099 sq. ft. Lawn Park	"	2.08						2.08
City of Medford utd	1196 sq. ft. Lawn Park	"	2.08						2.08
City of Medford utd	1219 sq. ft. Lawn Park	"	2.08						2.08
City of Medford	2809 sq. ft. Leyden St., cor. E. Albion St.	"	3.12						3.12
City of Medford utd	2000 sq. ft. Jerome St., junction Sherman St.	"	5.20			6.24			11.44

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 utd	224 sq. ft. Sharon St.	1915	1.04			.06			1.10
City of Medford utd	720 sq. ft. Linden St.	"	1.04						1.04
City of Medford utd	10,224 sq. ft. Linden St.	"	6.24						6.24
City of Medford utd	31-100 acres Myrtle St., to Creek Head	"	2.08						2.08
Emily A. Cox	1188 sq. ft. Lawn Park	"	2.08				.30		2.38
Samuel H. Hellen	320 sq. ft. Paris St.	"	1.04			.06			1.10
Chas. H. Hill	5888 sq. ft. Rand St.	"	1.04						1.04
Robert J. Jones	3662 sq. ft. Rural St.	"	5.20						5.20
John F. Kinney	4490 sq. ft. George St. to Summer St.	"	0.36			.30			0.66
Jennie E. Keeden	5704 sq. ft. Fellsyway West	"	2.08						2.08
Edward B. Manaton	145,953 sq. ft. Savin & Gardiner Sts.	1915	30.16						30.16
Mary A. Mooney	280 sq. ft. Sheridan Ave.	"	1.04						1.04
Mary A. Mooney	308 sq. ft. Sheridan Ave.	"	1.04						1.04
Nellie M. Naughton	1110 sq. ft. Fellsyway to Pleasant St.	"	3.12						3.12
Nellie M. Naughton	6210 sq. ft. Fellsyway	"	1.04						1.04

ESTATES BOUGHT AT SALE FOR TAXES—Continued

Assessed to	Property	Year	Taxes	Interest	Costs	Watering Assessment	Gypsy and B. C. Moth Assessment	Various	Total
Nellie M. Naughton	5110 sq. ft. Fellsway	1915	1.04						1.04
Adelaide L. Richardson ...	2 30-100 acres off Hall St.	"	0.24						0.24
Fred C. Tobey, Tr.	498 sq. ft. Yale St.	"	1.04						1.04
Ralph T. Thatcher	1196 sq. ft. Lawn Park	"	2.08				.30		2.38
Ralph T. Thatcher	1185 sq. ft. Lawn Park	"	2.08				.30		2.38
Ralph T. Thatcher	1210 sq. ft. Lawn Park	"	2.08				.30		2.38
Ralph T. Thatcher	1168 sq. ft. Lawn Park	"	2.08				.30		2.38
Ralph T. Thatcher	1168 sq. ft. Lawn Park	"	2.08				.30		2.38
Ralph T. Thatcher	1154 sq. ft. Lawn Park	"	2.08				.30		2.38
Willard Welsh	8 41-100 acres off Rockwell Ave.	"	35.36						35.36
Laura M. Westall	1996 sq. ft. Riverside Ave., cor. Carolina St.	"	4.16			.06			4.22
* utd—Under Tax Title									\$1,704.74

ELECTRICAL DEPARTMENT**Salary of Superintendent of Wires and Gas Fittings**

Paid:

Henry A. Gaffney	\$ 1,500 00
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Electrical Department Expenses

Paid:

New England Telephone & Telegraph Co., rental and tolls	\$ 42 01
Henry A. Gaffney, for use of auto	225 00
Henry A. Gaffney, cash paid for postage.....	3 50
J. C. Miller, Jr., printing	8 00
Geo. H. Janes, Jr., electrical sundries	3 21
Page & Curtin, paint, nails, tape, etc.....	6 30
Gamewell Fire Alarm Tel. Co., ribbon.....	56
	<hr/>
	\$ 288 58

Fire and Police Signal Service

Paid:

Workmen, as per pay rolls	\$ 395 92
Gamewell Fire Alarm Tel Co., repairs, etc..	1 90
Warren H. Keay, glazing	1 00
Page & Curtin, salmomiac, batteries, etc....	22 21
E. T. Bigelow, charging batteries	1 75
Teel Mfg. Co., searchlight	5 00
Wellman Co., labor	1 30
Bigelow Motor Club, charging batteries.....	3 00
G. W. Papkee, battery	10 00
C. H. Tinkham, adjusting	1 00
Henry A. Gaffney, use of auto	65 00

Wetmore-Savage Co., iron wire	\$ 103 80
American Express Co., expressing	93
	<hr/>
	\$ 612 81

Street Lights

Paid:

Malden Electric Co., light	\$25,048 04
McKenney & Waterbury Co., globes	6 30
Henry A. Gaffney, use of auto	10 00
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	\$25,064 34

ENGINEERING DEPARTMENT

Salary of City Engineer

One year to Jan. 1, 1918.

Paid:

Fred R. Charnock	\$ 1,950 00
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Engineering Department Expenses

Paid:

Engineer's Assistants, as per pay rolls	\$ 3,151. 96
New England Telephone & Telegraph Co., rental and tolls	24 14
Fred R. Charnock, carfares, incidentals.....	87 16
J. C. Miller, Jr., envelopes, printing	4 85
Medford Publishing Co., subscription, print'g	23 00
Sinclair Hardware Co., spikes	14 70
C. H. Tinkham, photo work	6 50

EXPENDITURES

75

W. C. Miles Co., stakes	\$ 25 85
Engineering & Contracting, subscription	6 00
Ledder & Probst, blue prints, supplies	56 50
Spaulding-Moss Co., blue prints	3 38
Adams, Cushing & Foster, stationery supplies	17 50
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	\$ 3,421 54

FIRE DEPARTMENT

Salaries of Firemen

One year to Jan. 1, 1918

Paid:

Chief and permanent men, as per pay rolls...	\$ 36,965 05
Call men, as per pay rolls	2,451 28
	<hr/>
	\$39,416 33

Ordinary Expenses—Fire Department

Paid:

New England Telephone & Telegraph Co., rental and tolls	\$ 209 21
Medford Water Div., water	59 33
Malden Electric Co., light	95 10
M. & M. Gas Light Co., gas	125 42
Medford Pub. Co., advertising	4 00
C. E. Bacon, cash paid for sundries	8 00
John H. Qualey, operator's license	2 00
F. H. Walker, operator's license	1 00
J. F. O'Neill, operator's license	1 00
W. R. Ordway, operator's license	1 00
W. B. Harvey, operator's license	1 00
E. H. Babcock, operator's license	1 00

J. A. Barry, operator's license	\$	1 00
H. D. Fraser, operator's license		1 00
G. C. Harris, operator's license		2 00
F. E. Samson, operator's license		1 00
J. B. Simpson, operator's license		2 00
W. W. Burrell, operator's license		1 00
J. W. McKeon, operator's license		1 00
H. H. Kenney, operator's license		1 00
E. E. Papkee, operator's license		2 00
Thos. A. Qualey, operator's license		1 00
Welch's Express, expressing		1 50
American Express Co., expressing		10 16
Savage's Express Co., expressing		10 88
Mystic Rubber Co., tire repairs, tires		71 16
Cradock Garage, auto supplies		63 97
G. F. Lombard & Son, auto supplies, labor..		173 97
Wm. N. Curtis, soda, soap		102 58
H. F. Walker, repairing		131 49
Page & Curtin, hardware		4 93
Sinclair Hardware Co., glue, rope, etc.		15 25
F. B. Miller, laundry work		97 98
Teel Mfg. Co., auto repairs, supplies		111 06
West Medford Auto Co., repairs, supplies		42 50
Geo. H. Janes, Jr., moulding		90
Frank H. Peak, record books		5 85
Wm. S. Richards, repairing		55
David Anderson, lock repairs		75
E. Teel & Co., squilgees, repairs, etc		32 00
E. T. Bigelow, auto supplies		58 30
Warren & Torrens, oil		36 35
Locke Coal Co., coal		622 23
G. B. Trowbridge, auto supplies		8 27
R. W. Clark, plastering		12 00
J. E. Ober & Son, shovels		1 05
Wellman Co., grinding		1 10
H. W. Biggs, labor on hedge		5 00
Lombard-Cardin Corp., auto supplies, etc....		83 29

EXPENDITURES

77

Morrison's Real Estate and Insurance Agency, motor insurance	\$ 322 97
Daniel N. Howard, bottles	50
Otto J. C. Neilson, plumbing repairs	57 81
Bigelow Motor Club, new battery, charging..	45 15
Dudley Garage, auto supplies	12 89
R. D. Clawson, mason work	21 50
Anderson & Anderson, labor, supplies	12 27
R. B. Mason, auto grease	1 50
Medford Ice Co., ice	6 85
Medford Inn, rent for rooms	40 00
H. W. B. Powers, auto repairs	9 80
Edw. F. Kent, oil	6 30
E. Teel & Co.,—Auto Dpt., repairs, etc.	11 24
John H. Hart, rent for rooms	16 45
Clafin & Spaulding, rent for rooms	20 00
Est. John A. Morgan, bulbs	32 34
T. D. Collins, oil	8 95
B. F. Samson & Co., metal polish	5 00
Gardner Bros., gas mantles, shovels, etc.	6 77
Reformatory for Women, bedding, flag	52 44
F. H. Naven, laundry work	3 88
Cornelius Calahan Co., hose, couplings, bell ..	143 06
Standard Oil Co., gasoline	597 85
Freeman O. Emerson, boiler insurance	90 13
Richardson, Wright & Co., mattresses, beds, pillows	116 40
Solshine Mfg. Co., metal polish	15 20
H. I. Dallman Co., brooms	19 00
E. W. Palmer Co., boiler, labor	38 20
Highland Coal Co., coal	55 99
Wetherbee Bros. Co., charging batteries	1 50
A. S. Noyes, tape, repairs	29 08
Dover Stamping & Mfg. Co., drip pan	6 00
Fred H. Wentworth, insignias	6 30
N. E. Decorating Co., decorating	15 00
H. W. Johns-Manville Co., cable, shaft	5 00
Baker Motor Sales Co., auto parts, labor	244 11

American Refining Co., motor oil	\$	26 00
Lewis H. Peters, insurance		81 60
Houghton & Dutton Co., blankets		32 50
Hydro Palm Soap Co., soap powder		16 00
Am. La France Fire Engine Co., parts		4 89
Keystone Lubricating Co., grease		36 00
Am. Steam Gauge & Mfg. Co., gauge		2 25
W. A. Wood Co., waste		22 78
W. H. Webster Jones Co., batteries		45 05
Dayton Tire Co., rebuilding wheels, tires	1,055	50
Mrs. Margaret Dale, mops		11 00
Frank J. Jameson, paper		9 00
Mass. State Prison, dusters, brooms		16 75
Larkin Mfg. Co., nozzles, fittings, etc.		52 73
Crandall Packing Co., hose	425	00
The Seagrave Co., gaskets		2 69
Portable Electric Searchlight Co., repairing..		7 00
J. P. O'Neill, coal		74 00
Ernst Flentje, axle hanger		4 00
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		\$6,228 30

HEALTH DEPARTMENT

Salaries of Board of Health

One year to Jan. 1, 1918.

Paid:

Alfred J. Hawks, M. D., chairman	\$	250 00
Warren S. McIntire		50 00
Franklin E. Campbell, M.D.		50 00
		<hr/>
		\$350 00

Salaries of Inspectors

One year to Jan. 1, 1918.

Paid :

Leslie E. Morrison, Inspector of Plumbing...	\$ 1,050 00
Leslie E. Morrison, Health Inspector	300 00
Winslow Joyce, Inspector of Milk & Vinegar	500 00
Francis W. Lumbert, Inspector of Meats and Provisions	150 00
Paul J. D. Haley, M. D., Medical Inspector..	150 00
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	\$2,150 00

Health Department Expenses

Paid :

Alvin R. Reed, salary as clerk	\$ 850 00
Alvin R. Reed, cash paid for postage	5 00
Leslie E. Morrison, auto registration, burying cats, dogs	33 65
N. E. Tel. & Tel. Co., rental and tolls.....	70 04
Alfred J. Hawks, M. D., professional services	78 80
Medford Highway Dpt., gasoline	42 14
Medford Publishing Co., printing	51 00
Medford Post Office, postage stamps	5 00
Medford Water Div., gasoline, oil	49 83
Cradock Garage, service to Danvers, repairs..	150 43
Teel Mfg. Co., tire repairs	22 15
John P. Jackson, Jr., service to Danvers	45 00
Geo. F. Cotting service to Danvers	10 00
Albert H. Tainter, serving notices	9 00
Otto J. C. Neilson, acting Plumbing Inspector	10 00
E. Teel & Co.—Auto Dpt., supplies, repairs ..	151 43
Wilmo Products, auto supplies	7 85
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	\$1,591 32

Contagious Diseases

Paid:

Paul J. D. Haley, M. D., professional services	\$ 30 00
Alfred J. Hawks, M. D., cash paid messenger	1 00
Alvin R. Reed, cash paid for postage	5 00
N. E. Tel. & Tel. Co., rental	7 21
Medford Visiting Nurse Association, visits ..	60 60
Teel Mfg. Co., rental, auto supplies, etc	185 55
Cradock Garage, auto repairs, supplies	149 72
Pliny C. Chandler, cultures	12 00
John W. Enright, cultures, cups, alcohol	218 91
Wm. A. Bowers, cultures, cups	13 00
Medford Publishing Co., printing	52 75
Daniel N. Howard, culture, drugs	29 95
Medford Highway Dpt., gasoline	65 62
W. F. Plummer, prescriptions	1 10
H. F. Walker, mud guards	7 50
Alden H. Waitt, clerical work	10 00
E. Teel & Co.—Auto Dpt., repairs, tires	56 95
L. E. Morrison, auto registration	10 00
Rutland State Sanatorium, board	471 02
Mass. Homoeopathic Hospital, board	347 00
City of Everett, board	110 00
Westfield State Sanatorium, board, supplies	560 21
Mass. Charitable Eye & Ear Infirmary, board	10 71
City of Somerville, board at hospital	241 43
City of Boston, board at hospital	12 86
City of Cambridge, board, care	22 86
Hobbs & Warren, record book	6 08
Underwood Typewriter Co., ribbon	1 00

\$2,723 53

HIGHWAY DEPARTMENT**Salary of Street Commissioner**

One year to Jan. 1, 1918.

Paid:

Hugh G. Kennedy	\$ 1,900 00
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Salary of Superintendent of Moth Suppression

One year to Jan. 1, 1918.

Paid:

Hugh G. Kennedy	\$ 400 00
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Ashes, Collection of

Paid:

Workmen, as per pay rolls	\$13,169 90
E. Teel & Co., wagon repairs	76 67
Standard Oil Co., gasoline	412 68
E. B. Thorndike & Son, printing	38 75
Medford, Gen'l Repairs of Highw'ys, teaming	3,461 90
Jas. C. D. Clark, M. D., professional services	3 50
E. W. Barrett, M. D., professional services ..	1 00
Geo. W. Blanchard & Co., lumber.....	58 34
Wellman Co., labor	65
Paul Haley, M. D., professional services.....	7 00
Jas. Forgies' Sons, horse and wagon covers..	67 00
Chas. T. Kellough, adjuster	5 00
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	\$17,302 39

Bridges

Paid:

Workmen, as per pay rolls	\$ 207 64
E. Teel & Co., milling	60
Geo. W. Blanchard & Co., lumber	241 76
	<hr/>
	\$ 450 00

Collection of House Offal

Paid:

Workman, as per pay rolls	\$ 9,974 50
E: Teel & Co., wagon repairs, parts	158 05
Medford, Gen'l Repairs of Highways, teaming	1,911 20
E. W. Barrett, M. D., professional services ..	5 00
Anderson & Anderson, pails, repairing	38 90
Standard Oil Co., gasoline	48 50
James Forgies' Sons, hames, straps	41 60
W. C. Miles Co., milling	13 25
	<hr/>
	\$12,191 00

Gravel Sidewalks

Paid:

Workmen, as per pay rolls	\$ 727 28
Standard Oil Co., gasoline	72 72
	<hr/>
	\$ 800 00

General Repairs of Highways

Paid:

Workmen, as per pay rolls	\$32,326 98
New England Telephone & Telegraph Co., rental and tolls	172 15

EXPENDITURES

83

Malden Electric Co., light	\$	125	70
Medford Water Div., water		232	79
M. & M. Gas Light Co., ashes			99
Medford Sealer of Weights and Measures, sealing		1	24
Boston & Maine R. R., freight		138	28
Savage's Express Co., expressing			80
Welch's Express, expressing		4	50
American Express Co., expressing		2	97
Donoghue's Express, expressing		11	70
W. E. Gerry & Co., gauze		7	00
John W. Enright, drugs		97	21
L. A. Harriman & Co., coal, grain		102	85
C. H. Hartshorn, harness repairs, whips		91	60
Frank H. Peak, office supplies		4	33
Locke Coal Co., coal		622	82
Teel Mfg. Co., auto supplies, repairs		432	46
W. C. Miles Co., lumber		34	05
Medford Publishing Co., printing		4	00
E. W. Barrett, M. D., professional services ...		29	00
G. L. Poland, carpentry		9	50
Anthony C. Zacher, tires, repairs, chains....		654	81
F. J. Hervey, forcite, exploders		263	13
L. H. Phelps, hay, straw, grain	5,534	32	
Anderson & Anderson, repairing, pails		29	45
David Anderson, repairing, lock		3	25
Henry L. Pike, horse medicines		8	50
Sinclair Hardware Co., brushes, brooms, hose, paint, lamp black, rope, etc.		250	72
H. F. Walker, shoeing, auto repairs		22	50
J. E. Ober & Son, coal		125	66
Craddock Garage, tires		92	18
Daniel N. Howard, germicide, etc.		1	60
J. E. Sweeny, repairing fence		3	75
James Sondergard, extra labor		15	00
L. E. Fitzpatrick & Co., pipe, labor		15	30
Harrie W. Peirce, professional services		31	06

Hugh G. Kennedy, cash paid for repairs, parts, auto registrations	\$	86 00
Walter A. Curtis, teaming explosives		3 00
Wellman Co., labor		8 66
E. Teel & Co., wagon repairs		13 25
E. Teel & Co.—Auto Dpt., supplies, repairs..	363	17
R. C. Clark, labor		12 75
Mystic Rubber Co., tire repairs		10 25
Wm. E. Ober, electrical work		52 20
W. E. Bentley, repairing clock		1 50
Morrison's Real Estate & Insurance Agency, motor insurance		27 63
Yerxa & Yerxa, lard, etc		1 68
G. B. Trowbridge, changing tire		50
Otto J. C. Neilson, stove repairs		54 31
Page & Curtin, hardware		1 11
Est. John A. Morgan, drugs		50
Ralph E. Peak, office supplies		3 55
Mrs. J. F. Burrell, for damage to fence.....		9 90
W. T. Burke, M. D., professional services....		3 00
P. Reynolds, pitch tar, paint		50 00
West Medford Auto Co., supplies		7 35
Edw. J. Gaffey, expense for services for men killed at Stone Crusher		260 20
Malden Veterinary Hospital, visits		3 50
Eastern Salt Co., salt		56 75
Hobbs & Warren, stationery, books		19 48
James Forgies' Sons, stable supplies		67 50
Dodge-Haley Co., rivets, iron, steel		121 05
Underwood Typewriter Co., ribbons		9 20
E. P. Sanderson Co., calks, tools, chains, union shoes, etc.		256 33
Thorp & Martin Co., acct. books, supplies		12 00
Standard Oil Co., oil, soap, gasoline, etc....	1,035	28
Geo. H. Sampson Co., hose, nuts, bushings ..		41 66
Cadillac Automobile Co., repairs, etc		57 56
Harold L. Bond Co., tools, hose		140 88
Kinney Mfg. Co., sundries		6 65

EXPENDITURES

85

Joseph Palmer, auto repairs	\$	3 00
Chas. J. McCarty & Co., waste, tools, belting, dynamite, soap		217 96
Buffalo, Springfield Roller Co., supplies		52 16
W. E. Simm, inspecting boilers		10 00
Wellington & Buck Co., coal		98 63
N. E. Road Machinery Co., snow plow, etc. ..		90 00
Walter H. Williams, Agt., chain		4 54
Connell & McKone Co., auto supplies, labor..		16 08
Kelley-Springfield Motor Truck Co., supplies		38 30
Adder Machine Co., partial payments		236 04
Freeman O. Emerson, boiler insurance		135 18
American Tar Co., tarite		793 37
Middlesex Co., House of Correction, repairs		18 00
Boice-Perrine Co., charging battery, etc.		1 10
P. J. McDonald, collar, repairing		17 25
Wright Wire Co., auto tow line		4 64
Iver Johnson Sporting Goods Co., electric air compressor		56 00
Adams, Cushing & Foster, supplies		4 25
Oliver Whyte Co., repairing, steel shute, etc.		74 90
Geo. W. Blanchard & Co., posts, lumber		197 30
W. Arthur Lincoln, insurance		146 98
Nathan Thumin, coal		236 04
Peter Robertson, repairing radiator		3 67
A. T. Barnes, funeral expense at Henderson, N. C.		42 00
		<hr/>
		\$46,804 83

Guide Boards and Street Signs

Paid:

Workmen, as per pay rolls	\$	51 48
Louis J. Condon, painting street signs		43 25
W. C. Miles Co., signs, posts		64 25
R. Hardesty Mfg. Co., metal signs		33 86

Hillside Sign Co., lettering	\$	7 00
Boston & Maine R. R., freight		16
		<hr/>
	\$	200 00

Gypsy and Brown Tail Moths

Paid :

Workmen, as per pay rolls	\$	3,515 82
Jas. C. D. Clark, M. D., professional services		10 00
Sinclair Hardware Co., hardware		8 76
Medford Square Garage, gasoline		7 02
Medford Publishing Co., advertising		21 00
Medford Trees Acet., error in charge		19 45
Boston & Maine R. R., freight		1 00
T. H. Lord, filing saws		15 30
State Forester's Office, lead		79 25
Fellows & Co., Inc., ladder		24 50
		<hr/>
	\$	3,702 10

Original Construction of Streets

Paid :

Workmen, as per pay rolls	\$	7,191 24
Medford Engineering Dpt., labor		68 37
Medford, Gen'l Repairs of Highways, teaming, crushed stone		2,230 87
David Anderson, bicycle repairs		7 00
Locke Coal Co., soft coal		187 78
Mystic Rubber Co., tire repairs		2 85
E. Teel & Co.,—Auto Dpt., labor, supplies ...		227 53
John E. Cullen, on account of vacation		33 00
Medford Ice Co., use of horse		16 00
E. W. Barrett, M. D., professional services..		7 00
Boston & Maine R. R., freight		262 50
Donoghue's Express, expressing		4 40
American Tar Co., tar products		2,556 11

EXPENDITURES

87

Nathan Thumin, coal	\$ 492 64
Chas. J. McCarty & Co., tools, lanterns, etc...	214 27
Dodge-Haley Co., tools	52 42
Standard Oil Co., oil, gasoline	259 75
Frederick B. Witherly, traps	48 00
The Barrett Co., tarvia	1,055 85
Rowe Contracting Co., broken stone	33 06
S. & R. J. Lombard, edgestone	620 37
Independent Coal Tar Co., tar binder	350 00
Gulf Refining Co., kerosene	10 00
Coleman Bros., crushed stone	69 02
National Mfg. Co., asphalt binder	655 50
	\$16,655 53

Paving Gutters

Paid:

Workmen, as per pay rolls	\$ 200 00
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Stone Bounds

Paid:

Workmen, as per pay rolls	\$ 44 52
Medford Engineering Dpt., labor, carfares..	5 48
	\$ 50 00

Street Construction

Paid:

Workmen, as per pay rolls	\$ 4,051 20
Medford, Original Construction of Streets, construction of Grant Ave. and Harvard St., as per orders No. 11512 & No. 11970	7,000 00
Medford Engineering Dpt., labor	3 96

Standard Oil Co., gasoline	\$ 103 25
Gulf Refining Co., kerosene	25 00
Nathan Thumin, coal	216 75
American Tar Co., Tarite	1,371 52
Medford, Gen'l Repairs of Highways, crushed stone	1,200 00
The Barrett Co., Tarvia	283 55
D. P. Lloyd, trucking stone	181 20
Winchester Rock & Brick Co., crushed stone	1,061 81
Coleman Bros., stone	16 28
Kelley-Springfield Motor Truck Co., parts ...	20 10
Boston & Maine R. R., freight	145 84
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	\$15,680 46

Sidewalks and Edgestones

Paid:

Workmen, as per pay rolls	\$16,539 73
Medford, Gen'l Repairs of Highways, crushed stone, teaming, use of truck	2,774 37
Medford Engineering Dpt., labor, carfares ..	648 07
John J. Golden, overtime	25 00
James Gourley, overtime	17 50
Robert Golden, overtime	15 00
E. B. Thorndike & Son, advertising	3 38
Medford Pub. Co., advertising, printing	25 25
Medford, Watering Streets, use of truck ...	123 87
Wm. H. Lenox, loam, sand	88 50
Frank T. Hook, granolithic work, cinders ...	7,608 92
E. Teel & Co., pole	3 50
Louis G. Bragdon, repairing sidewalks	73 20
W. C. Miles Co., lumber	2 00
F. W. Rauskolb, one half cost sidewalk ...	135 46
Mystic Rubber Co., tire repairs	3 20
Sinclair Hardware Co., lamp black, etc.	9 11
J. E. Ober & Son, tar paper	2 15

EXPENDITURES

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W. A. Pride, loam	\$ 15 00
Chas. A. Dole, one half cost sidewalk	63 76
Boston & Maine R. R., freight	544 99
W. Arthur Lincoln, insurance	210 90
Standard Oil Co., gasoline, oil	482 37
Chas. J. McCarty & Co., lamp black, tools, etc.	179 16
S. & R. J. Lombard, edgestone	11,609 94
Geo. W. Blanchard & Co., lumber	28 31
Hervey F. Armington, tar sidewalks	616 29
Waldo Bros., cement	1,453 91
James H. Fannon, cinders	170 00
W. W. Rawson, loam	21 50
Berry & Ferguson, cement	118 02
Gulf Refining Co., oil, kerosene	39 96
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	\$43,652 32

Surface Drains

Paid:

Workmen, as per pay rolls	\$ 7,110 24
Medford, Gen'l Repairs of Highways, teaming	33 51
Medford, Watering Streets, use of truck	49 37
Medford, Engineering Dpt., labor, carfares..	136 93
E. W. Barrett, M. D., professional services ...	4 00
E. F. Clark, glazing	80
J. F. Dwyer, chips	40 00
Wm. H. Casey, brick	440 00
Medford Water & Sewer Dpt., labor	6 96
Teel Mfg. Co., tires	41 92
Tow Path Real Estate Trust, brick	72 00
Grant & Moland, carpentry	30 00
J. W. Brogan, teaming	10 00
Boston & Maine R. R., freight	134 35
Waldo Bros., pipe, cement	436 76
Frederick B. Witherly, grates, traps	119 73
Standard Oil Co., gasoline, oil	236 00

Winchester Brick Co., brick, trucking	\$ 110 00
Geo. W. Blanchard & Co., lumber, lime	48 80
Delano Iron Foundry, curbs, frames, covers.	936 17
Dodge-Haley Co., tools	104 99
Chas. J. McCarty & Co., lantern globes	17 50
Gulf Refining Co., kerosene	21 00
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	\$10,141 03

Trees

Paid:

Workmen, as per pay rolls	\$ 616 73
Sinclair Hardware Co., saws	4 72
T. H. Lord, filing saws	38 80
Wm. H. Lenox, loam	22 00
Geo. W. Blanchard & Co., lumber	24 75
David Anderson, filing saw	75
Bay State Nurseries, trees	120 00
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	\$ 827 75

Watering Streets

Paid:

Workmen, as per pay rolls	\$ 1,953 67
Adella L. England, abatement	1 60
David & Ann Johnston, abatement	1 60
Teel Mfg. Co., auto supplies, labor	143 08
Wellman Co., making parts	11 46
Bigelow Motor Club, battery	22 22
Hugh G. Kennedy, cash paid for motor parts	32 27
E. B. Thorndike & Son, advertising	5 44
Medford Publishing Co., advertising	8 00
Medford Engineering Dpt., labor	179 66
Medford Water Div., pipe, labor	3 50
West Medford Auto Co., welding	1 50

EXPENDITURES

91

L. M. Sheldon, extra services	\$ 36 00
Mystic Rubber Co., tires, repairing	121 63
E. Teel & Co., wagon repairs	1 50
Cradock Garage, tires, sundries	103 00
W. T. Burke, M. D., professional services	3 00
E. Teel & Co.—Auto Dpt., repairs, supplies ..	113 21
Boston & Maine R. R., abatement	2 94
Boston & Maine R. R., freight	273 64
American Express Co., expressing	3 23
Barbara S. Johnston, abatement	1 64
Timken-Detroit Axle Co., parts	55 80
Dodge-Haley Co., rivets	40
Joseph Palmer, auto repairs	5 75
W. Arthur Lincoln, motor insurance	320 90
Peter Robertson, repairing radiator	12 50
Alden Spears' Sons Co., road oil	6,639 45
National Mfg. Co., road oil	6,074 29
American Tar Co., Tarite	1,822 97
Braman, Dow & Co., coeks, unions	5 66
Gibney Tire & Rubber Co., tires	34 10
Kelley, Springfield Motor Truck Co., labor ..	28 28
Standard Oil Co., gasoline, oil	295 35
Kinney Mfg. Co., pump parts	15 50
Middlesex Co. House of Correction, brooms ..	21 63
Headley Good Roads Co., road oil	419 57
Connell & McKone Co., repairs, sundries	78 29
Hood Tire Co., Inc., tires	388 52
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	\$19,242 75

INSPECTION DEPARTMENT

Salary of Inspector of Buildings

One year to Jan. 1, 1918.

Paid:

Frank B. Blodgett \$1,200 00

Building Inspection Expenses

Paid:

Frank B. Blodgett, for use of auto and general maintenance, stamps	\$ 304 26
J. C. Miller, Jr., printing	15 00
Medford Electrical Dpt., use of telephone ...	10 00
	<hr/>
	\$ 329 26

PARK DEPARTMENT**Public Commons**

Paid:

Workmen, as per pay rolls	\$ 3,287 06
New England Telephone & Telegraph Co., rental and tolls	20 07
Alvin R. Reed, salary as secretary and clerk..	200 00
Edward P. Adams, salary as superintendent	500 01
Medford Police Dpt., services	2 00
Medford Water Div., repairing fountains ...	16 42
Page & Curtin, oil, paint, wire, etc.	22 11
Herbert W. Biggs, care of flag	50 00
P. C. Murphy, repairing halyards	20 00
J. C. Miller, Jr., printing	8 00
Delia S. Biggs, repairing flags	6 00
H. F. Walker, repairing	3 05
Warren H. Keay, paint, labor	28 35
Simon White, painting	36 22
J. E. Sweeny, carpentry	13 99
Medford Pub. Co., copies of report	9 75
Sinclair Hardware Co., lawn seed, mower	18 76
Medford, Gypsy & Brown Tail Moths, labor	24 50

EXPENDITURES

03

Medford, Gen'l Repairs of Highways, crushed stone, cement, use of truck, etc.	\$	42 09
Frank H. Peak, book		25
Ralph E. Peak, book		90
Champion Bros., sign boards		4 50
Daniel N. Howard, corks		35
William Walles, special officer		9 75
Welch's Express Co., expressing		35
American Express Co., expressing		1 31
J. H. Power & Co., stamp		1 75
Ames Plow Co., mower parts, rakes		12 62
A. J. Wilkinson & Co., padlock		1 38
C. H. Batchelder & Co., flags, repairs		34 80
Geo. W. Blanchard & Co., lumber, nails		52 49
A. G. Spalding & Bros., sundries		4 58
Waldo Bros., plaster		7 00
Framingham Nurseries, shrubs		31 75
Geo. A. Woodward, mower parts		7 40
C. W. H. Moulton, extension ladder		15 75
Fottler, Fiske, Rawson Co., lawn seed		4 25
		<hr/>
		\$4,499 56

Care of Bath Houses

Paid:

Workmen, as per pay rolls	\$	148 50
Alden Hayden, carpentry		28 92
Herbert W. Biggs, teaming		2 00
W. H. Berton, painting, sanding		15 24
		<hr/>
	\$	194 66

Playground Equipment

Paid:

A. G. Spalding & Bros., sundries	\$	1 17
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Iver Johnson Sporting Goods Co., base ball plates	\$	14	00
Grant & Moland, lumber		3	90
Geo. W. Blanchard & Co., lumber		1	31
Medford Water Div., labor and materials setting fountains		224	77
Frank T. Hook, cement platforms for drinking fountains		40	00
		<hr/>	
	\$	285	15

POLICE DEPARTMENT

Salaries of Policemen

One year to Jan. 1, 1918.

Paid:

Chief, police officers, and janitor, as per pay rolls	\$40,037	99
Emery D. Holmes, pensioned officer	750	00
William G. Ewell, pensioned officer	750	00
	<hr/>	
	\$41,537	99

Special Police, Etc.

Paid:

Special police officers, as per pay rolls	\$ 3,775	40
New England Telephone & Telegraph Co., rental and tolls	168	78
John F. Welch, carfares, sundries	58	40
John B. A. Buffum, carfares	59	51

EXPENDITURES

95

John J. Manning, operator's license	\$	1	00
Amory Prentiss, cash paid for auto parts, etc.		1	39
Ernest Rowland, operator's license		1	00
Daniel W. Connors, carfares, etc.		2	10
Charles H. Ewell, carfares, etc.		1	85
Robert Golden, license, demonstration		3	00
Medford Publishing Co., envelopes, printing, advertising		99	50
Malden Electric Co., light	184	41	
M. & M. Gas Light Co., gas	5	73	
Medford Water Div., water	29	98	
C. H. Hartshorn, repairs	7	45	
Sinclair Hardware Co., barrel, mops, etc.	19	74	
C. H. Tinkham, photo work, repairing	9	51	
Page & Curtin, repairs, supplies	7	45	
Cradock Garage, auto supplies	786	13	
G. B. Trowbridge, graphite, horn	1	00	
Frank H. Peak, office supplies	18	85	
John W. Enright, chamois, sponge, etc	12	24	
E. T. Bigelow, repairing battery	6	50	
W. B. Emery, repairing flags	5	85	
E. J. Hervey, crackers, soap, etc.	1	81	
Morrison's Real Estate & Insurance Agency, motor insurance	54	25	
American Express Co., expressing	4	88	
Savage's Express Co., expressing	50		
Boston & Maine R. R. freight	39		
Welch's Express, expressing	50		
Donoghue's Express, expressing	2	00	
Harry C. Burrell, M. D. professional services	18	00	
Alfred J. Hawks, M. D., professional services	4	00	
Walter T. Burke, M. D., professional services	8	00	
E. R. Fleming, M. D., professional services ..	10	00	
H. A. Donnell, M. D., professional services ..	4	00	
George W. Mills, M. D., professional services .	3	00	
William J. Murphy, killing dogs	4	00	
David Anderson, lock repairs	1	75	
H. H. Campbell, laundry work	90		

E. Teel & Co., forging, shade, etc.	\$ 4 75
Paul G. Bickford, cash paid helper	1 00
Est. John A. Morgan, drugs	80
Bigelow Motor Club, dry cells, repairing, new battery, charging old	23 60
Locke Coal Co., coal	237 49
E. Teel & Co., Auto Department, labor	1 90
Soderlund Mfg. Co., painting	125 00
Auto List Publishing Co., subscriptions	33 00
George Grow Automobile Co., tires, tubes	144 10
New England Co., towel supply	20 00
F. W. Barry Beale & Co., paper, books	11 75
The Henley-Kimball Co., auto repairs, sup- plies	76 77
Mass. State Prison, floor brushes	15 42
Middlesex Co., House of Correction, brooms .	1 36
M. Linsky & Bros., chevrons, etc.	13 15
Draeger Oxygen Apparatus Co., refilling	8 57
Colonial Co., register paper	23 32
Iver Johnson Sporting Goods Co., badges, re- pairing, cartridges, police buttons	61 38
George W Blanchard & Co., lumber	1 33
Benjamin F. Freeman, finger prints	5 00
West Disinfecting Co., camphene'	6 25
The White Co., auto parts, repairs	10 51
W. J. Walker, motor cycle supplies	42 75
Arthur Onthank & Co., uniform supplies	18 20
Wright & Potter Printing Co., blanks	14 50
Harley, Davidson Motor Co., sundries	59
Perkins & Corliss, tube	6 95
Henry Wischusen, dry cells	2 10
Hodge Boiler Works, grates	14 40
Joseph C. Ross, services as interpreter	10 00
J. H. Bates & Sons Co., labor, plug	1 13
Ernst Flentje, axle hangers	5 00
American Uniform Co., straps, stripes	6 50

\$6,333 32

PUBLIC LIBRARY DEPARTMENT

General Expenses

Paid :

Librarian and assistants, as per pay rolls	\$6,031 03
New England Tel. & Tel. Co., rental and tolls	54 78
M. & M. Gas Light Co., gas	1 65
Malden Electric Co., light	218 54
Medford Water Div., water	13 03
Medford Ice Co., ice	24 20
Medford Publishing Co., subscription, advertising, copies of report	29 50
Medford Messenger, advertising, subscription	10 00
A. L. Sargent, cash paid for, express, postage, messenger, Boston Atheneum dues, etc. . .	101 37
American Express Co., expressing	78 63
W. J. McClellan, expressing	2 00
Warren H. Keay, glazing, paint, labor	15 03
David Anderson, key, lock repairs	4 00
William H. Lenox, sand, loam	7 25
Roy S. White, carpentry	115 65
W. B. Emery, repairing chairs, flags	13 30
George H. Janes Jr., labor, sundries	2 19
F. B. Thorndike & Son, advertising	15 00
Locke Coal Co., coal, wood	596 00
Medford, Gypsy & Brown Tail Moths, labor . .	1 40
J. C. Miller, Jr., stock, printing	221 55
Sinclair Hardware Co., wood ashes	4 95
E. J. Hervey, salt, soap, flour, etc.	2 53
Page & Curtin, repairs, supplies	52 85
L. B. Sanderson, extra work	13 00
Ralph E. Peak, newspapers	9 02
American Library Association, dues	7 00
Library Art Club, dues	6 00
National Conference of Charities, dues	3 00

National Educational Association, dues	\$	2 00
Massachusetts Library Club, dues		5 00
National Association of Audubon Societies, in- dex		50
Boston Filter Co., service filter		18 00
New England Co., towel service		18 72
Globe, Wernicke Co., locks		2 08
John H. Pray & Sons Co., linoleum		6 00
Jordan, Marsh Co., pole		1 25
Tablet & Ticket Co., comb box		5 10
H. B. McArdle, daters, pads, pencils		20 70
Massachusetts District Police, inspecting boil- er		8 00
F. H. Taylor, framing		6 15
Hammond Typewriter Co., ribbon		75
Houghton & Dutton Co., book rack		8 69
Sampson & Murdoek Co., directory		6 00
Stone & Forsyth Co., paper, etc.		44 00
Joseph Breck & Sons, weed killer		2 00
Carter, Rice & Co., paper		6 03
Library Bureau, catalog case		307 06
A. J. Wilkinson & Co., repairing		1 50
Library of Congress, catalog cards		50 00
West Disinfecting Co., sweepine		9 75
Boston Index Card Co., general supplies		16 80
Chas. C. Hutchinson, Bowditch Navigator . . .		2 34
C. S. Binner Corp., magazine binders		14 00
W. S. Kaulback, gas mantles		3 00
Library Bureau, bookcase units		75 90
Murphy, Leavens & Co., floor brushes		9 00
James J. Shannon & Co., file, binder, etc. . . .		3 37
N. J. Bartlett & Co., books		848 65
Chivers Book Binding Co., binding		815 09
W. B. Clarke Co., books		20 95
Houghton Mifflin Co., books		15 88
Old Corner Book Store, books		840 08
The Pilgrim Press, books		14 66
H. W. Wilson Co., books		33 75

EXPENDITURES

99

Socrates A Xanthaky & N. L. Sakellarios, book	\$ 1 40
The Baker & Taylor Co., books	24 45
Charles W. Clark Co., books	36 99
Carol Cox Book Co., books	77 11
Hinebaugh & Brown, books	15 18
Longmans, Green & Co., books	25 83
Charles Scribner's Sons, books	27 95
Union Library Association, books	21 81
R. H. White Co., books	57 20
H. R. Hunting Co., books	69 36
Charles E. Lauriat Co., books	16 50
McDevitt-Wilsons, books	12 92
Schoenhof Book Co., books	16 46
John Wanamaker, books	13 19
The Macmillan Co., books	5 00
G. P. Putnam's Sons, book	50
Cumulative Digest Corp., books	7 00
Standard Book Co., books	28 74
Ginn & Co., books	25 92
Albert H. Heusser, book	1 85
Schulte's Book Store, book	1 25
University of Chicago Press, books	2 74
A. L. A. Publishing Board, book	3 14
Health Publishing Co., book	67
Porter E. Sargent, book	2 25
R. R. Bowker Co., books	5 00
New York Society Library, books	3 53
Topsfield Historical Society, books	2 58
Williams Book Stores Co., books	9 16
American Book Co., books	8 47
Boston Book Co., books	2 00
Comstock Publishing Co., book	45
DeWolfe & Fiske Co., books	17 18
J. L. Hammett Co., books	1 40
Herman Goldberger, subscriptions to periodicals	231 00
Edward E. Babb & Co., book	84

Bookshop for Boys and Girls, books	\$	17 15
Milton Bradley Co., books		5 90
Oliver Ditson Co., book		2 00
Educational Publishing Co., book		42
Gaylord Bros., books		4 88
Martin & Hoyt Co., books		57 50
Charles E. Merrill Co., book		57
The Page Co., book		86
		<hr/>
		\$11,773 44

Agencies

Paid:

A. F. Kearin, agent at Hillside	\$	30 00
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 06
F. B. Rideout, expressing to agents		22 00
A. J. Terrill, expressing to agents		81 00
C. F. Odams, expressing to agents		29 00
J. C. Miller, Jr., printing bulletin		9 00
		<hr/>
	\$	366 00

RELIEF OF POOR DEPARTMENT

Salaries of Overseers of Poor and Secretary

Paid:

George Smardon, chairman, Jan. 1 to Mar. 22	\$	112 91
George Smardon, secretary, from Mar. 22		296 86
Harry N. Brown, member, Mar. 5 to 22		2 41

EXPENDITURES

101

Harry N. Brown, secretary, Mar. 15 to 21	\$ 7 08
Harry N. Brown, chairman, Mar. 23 to Dec. 31	387 09
John W. Rockwell, member, Jan. 1 to Mar. 4 .	8 88
John W. Bragdon, member, Jan. 1 to May 1 . .	16 66
James C. D. Clark, member, May 5 to Dec. 31 .	32 91
William F. Ryan, member, June 11 to Dec. 31	27 77
	<hr/>
	\$ 892 57

City Home

Paid:	
Superintendent and Sundry Persons, as per	
payrolls	\$1,665 33
Yerxa & Yerxa, groceries	288 29
John W. Enright, medicines and drugs	134 13
Est. John A. Morgan, medicines	2 55
D. Sahl, repairing shoes	15 85
William N. Curtis, groceries and provisions . .	433 48
A. J. Whittaker, groceries and provisions . . .	130 17
A. C. Floyd & Son, groceries and provisions . .	117 27
Pierce Fish Market, fish, oysters	102 82
J. N. Cowin & Co., grain	91 45
M. & M. Gas Light Co., gas	14 01
Malden Electric Co., light	79 90
Medford Water Div., water	52 78
Mrs. Hattie Nichols, services as cook	12 00
L. G. Brown, grinding mower	2 00
J. Wesley Doe, general grocery supplies	82 09
Lawrence Farm, services	4 00
Page & Curtin, hardware, repairing	48 09
H. F. Walker, shoeing	25 13
Sadie Munroe, carfares	1 54
George H. Janes, Jr., electrical supplies, labor	45 12
Locke Coal Co., lime, coal	177 82
J. E. O'Donnell, dental work	8 50
Sinclair Hardware Co., mower, hardware, etc.	41 22

W. E. Gerry & Co., clothing, oil cloth	\$	7 84
L. H. Phelps, grain		150 55
Miss Whalen, fee		1 20
Harrie W. Peirce, professional services		8 00
Charles H. Walley, papering, painting, etc. ..		64 55
W. C. Miles Co., sawdust		50
New England Tel. & Tel. Co., rental and tolls		14 80
Medford Sealer of Weights and Measures, sealing		86
Clifford, Black & Co., linoleum		33 26
George Smardon, mirror		10 80
Dudley Garage, services		8 50
C. H. Tinkham, spectacles, repairing		5 65
Paul Haley, M. D., professional services		12 00
R. W. Thorson, express paid		1 79
Savage's Express Co., expressing		1 25
Welch's Express, expressing		2 50
Boston & Maine R. R., freight		79
Talbot Chemical Co., ta-bo		13 00
Joseph P. Manning Co., tobacco		29 58
National Biscuit Co., crackers		7 13
Empire Coffee Co., coffee		47 45
Armour & Co., meats, canned goods, bacon, butterine, soap		362 14
C. H. Symmes, flour, grain		159 00
Thos. J. Grey Co., seeds		64 01
Empire Grocery Co., sugar		30 01
Abbott, Hall & Co., beans		114 71
Iver Johnson Sporting Goods Co., flag, rope .		9 55
Mass. State Prison, shoes, hose, brushes		47 38
Jordan Marsh Co., clothing, crockery ware ..		11 64
C. H. Goldthwaite & Co., wheel chair, etc. ...		31 25
Reformatory for Women, clothing, bedding .		56 74
Mass. General Hospital, board		2 50
Highland Coal Co., coal		23 75
W. H. Smith, hens		12 15
J. Fullarton & Co., coffee		20 00
City of Somerville, pigs		10 00

EXPENDITURES

103

Morandi-Proctor Co., copper coffee tank	\$ 14 00
Middlesex Co., House of Correction, brooms .	9 82
Mass. Reformatory, blankets	34 20
Kinnear Gager Mfg. Co., metal ceiling	45 00
	<hr/>
	\$5,055 39

Outside Relief

Paid :

Widows, with dependent children, as per pay rolls	\$6,082 00
Sundry Persons, cash allowance	1,038 71
E. J. Hervey, groceries	204 00
E. W. Appleton, groceries	10 00
Yerxa & Yerxa, groceries	129 00
A. J. Whittaker, groceries	291 75
Durant & Haushalter, groceries	100 00
George A. Gill, groceries	6 00
John W. Euright, drugs, medicines	28 32
J. E. McKeon, drugs, medicines	2 15
Est. John A. Morgan, drugs, medicines	6 75
Washington Square Pharmacy, medicines . .	4 42
Pliny C. Chandler, drugs, medicines	2 70
Frank C. Ubel, drugs, medicines	1 95
W. A. Whitney, drugs, medicines	50
Daniel N. Howard, drugs, medicines	23 50
W. F. Plummer, drugs	1 25
Hugh Carr, groceries and provisions	113 00
Ernest Colella, groceries and provisions	16 00
William N. Curtis, groceries and provisions . .	178 00
F. H. Lovering, groceries and provisions	136 00
George A. Gill, groceries and provisions	6 00
N. A. Johnson, groceries and provisions	236 00
L. M. Kiley, groceries and provisions	106 00
H. Bravman, groceries and provisions	60 00
H. A. Pinkham, shoes	8 50

D. Sahl, shoes, rubbers	\$	86	25
Edward Gowing, cash paid for stamps		4	00
Harry N. Brown, car fares		9	54
Joseph J. Donahue, rent for house		42	00
Mrs. Eva Hazelton, board		130	33
Bertha P. Sullivan, typewriting		2	00
J. S. French, service to Tewksbury		24	00
Medford Visiting Nurse Association, visits ..		2	50
George Smardon, carfares, sundries		44	50
D. R. Harvey, rent for house		112	50
Frank H. Peak, book			10
William E. Gerry, clothing, mittens, etc.		10	06
George Nichols Co., burials		60	00
Medford Hospital, board, care		10	00
Medford Publishing Co., printing, advertising		24	50
Mary W. Clark, board, care		141	00
W. S. Sherman, rent for house		105	00
Mrs. M. J. Dillon, board		104	95
Mrs. G. B. Burdell, board		12	85
Mrs. Field, board		78	82
Dudley Garage, service to Tewksbury		19	50
Medford Health Department, use of phone ..		24	00
Jas. C. D. Clark, travel expense investigating		2	10
Welch's Express, expressing			40
Commonwealth of Massachusetts, aid		524	01
State Board of Charity, support		158	20
City of Boston, aid		354	00
City of Boston, support		142	28
City of Malden, aid rendered		167	70
City of Everett, aid rendered		450	58
City of Somerville, aid rendered		10	29
City of Boston, burial		13	15
City of Quiney, aid rendered		142	18
Mrs. Ida Whelpley, board		30	75
Mrs. I. M. Croft, board		134	51
Elizabeth Cavanaugh, board		130	33
James Brady, board		126	12

EXPENDITURES

105

Michael A. Carr, board	\$ 256 23
Anna B. Perkins, board	112 78
Susan Coote, board	134 51
Mary A. Woodworth, board	59 55
Somerville Hospital, board, care	225 80
Boston Children's Aid Society, board	76 72
Mass. Homoeopathic Hospital, board, etc. ...	87 00
Salvation Army, board, care	35 00
Comm. of Mass., penalty for failure to make returns	58 00
Jordan, Marsh Co., shoes, clothing	7 06
Highland Coal Co., coal	261 51
B. J. Short Co., badge	3 75
J. L. Fairbanks & Co., register book	4 00
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	\$13,549 41

SCHOOL DEPARTMENT

Salary of Secretary

One year to Jan. 1, 1918.

Paid:

Joseph C. Smith	\$ 300 00
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Salary of Superintendent

One year to Jan. 1, 1918.

Paid:

Fred H. Nickerson	\$ 3,110 00
State Teacher's Retirement Board	100 00
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	\$ 3,210 00

Medical Inspection

Paid:

Harry C. Burrell, M. D.	\$ 140 00
Edward W. Barrett, M. D.	40 00
Lincoln F. Sise, M. D.	20 00
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	\$ 200 00

Salaries of Teachers, Substitutes and Clerks

Paid:

Sundry Persons, as per pay rolls	\$155,451 66
State Teacher's Retirement Board	5,090 52
Elsie Stewart, supervisor of Children's gar- dens	17 00
Esther Hayden, supervisor of Children's gar- dens	40 00
Adolph Christiansen, supervisor of Children's gardens	100 00
Earle Powers, supervisor of boys enrolled for farm service	123 07
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	\$160,822 25

Stewardship, including Truant Officer

Paid:

Engineers and Stewards, as per pay rolls	\$ 14,414 55
Buildings Care Co., cleaning windows	56 10
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	\$14,470 65

Fuel

Paid:

Locke Coal Co., coal, wood	\$4,372 85
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EXPENDITURES

107

J. E. Ober & Son, coal	\$ 4,446 83
Standard Charcoal Co., charcoal	234 80
Wellington & Buck Co., coal	5,634 21
Nathan Thumin, coal	398 41
Medford Publishing Co., advertising proposals	2 75
J. N. Cowin & Co., wood	9 50
Medford Highway Department, coal	156 86
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	\$15,256 21

General Expenses

Paid:

New England Tel. & Tel Co., rental and tolls	\$ 452 78
W. J. McClellan, expressing	160 70
American Express Co., expressing	10 12
Welch's Express, expressing	14 59
Savage's Express Co., expressing	8 90
Ball's Express, expressing	4 30
Boston & Maine R. R., freight	99
Donoghue's Express, expressing	2 80
Malden Electric Co., light	1,064 80
M. & M. Gas Light Co., gas	110 63
James D. Howlett, expense securing teachers	25 39
F. H. Nickerson, expense to Westfield, etc. ..	15 83
J. C. Miller, Jr., printing	83 00
Annie I. Letson, stamped envelopes	95 26
Miriam F. Remele, envelopes, stamps	21 32
C. W. M. Blanchard, engrossing diplomas ...	35 10
Earle Powers, stationery, postage	10 00
Frank P. Pierce, work on supplies	50 00
William N. Curtis, soap, potash, etc.	21 25
Sinclair Hardware Co., barrels, hardware, twine, batteries, paint	63 90

Page & Curtin, barrels, brooms, brushes, dust- ers, lawn mowers, sundries	\$ 328 58
John W. Enright, drugs	2 68
H. F. Walker, repairing poker, etc.	1 75
Arthur J. Terrill, teaming books	13 50
Laura P. Patten, expense to Amherst	16 89
Medford, Printing Reports Acct., part cost printing school report	36 25
W. A. Whitney, drugs	1 60
Medford Police Department, services	7 00
Medford Gypsy & Brown Tail Moths, labor ..	16 10
G. B. Trowbridge, gasoline, storage, etc.	94 71
F. B. Miller, laundry work	10 65
Teel Mfg. Co., auto supplies, repairs	2 98
David Anderson, keys	50
Dudley Garage, gasoline, storage, etc.	51 77
Medford Inn Stables, teaming books	35 00
Daniel N. Howard, drugs	1 05
Mrs. D. H. Prescott, mending bags	2 50
Medford Public Library, books lost	11 07
Mrs. J. F. Dwyer, rent for land, Fulton Heights Schoolhouse, one year	25 00
P. H. Byron & Son, loam	5 00
P. C. Chandler, formaldehyde candles	80
H. F. Staples & Co., floor oil, etc.	160 46
E. Teel & Co.—Auto Dpt., repairs, sundries ..	22 30
Allen Bros., stamp pads	91
Edw. E. Babb & Co., general supplies	99 74
Edgar E. Hayes, office supplies	6 75
Kenney Bros. & Wolkins, general supplies ...	19 64
W. A. Wood Co., cheese cloth	88 50
Brown-Howland Co., cards, filing sections ...	46 93
J. L. Whiting-J. J. Adams Co., brushes	8 87
Murphy, Leavens & Co., brush	2 67
A. & E. Burton Co., brushes	77 25
Imperial Brush Co., sweepers, brushes	263 68
Geo. T. Johnson Co., paper	137 50

EXPENDITURES

100

Neostyle Sales Agency, paper, ink	\$ 11 75
City of Malden, tuition	270 00
Library Bureau, cards	50 20
Wright & Potter Printing Co., blanks	3 08
Perkins Institute, care of pianos	115 00
White & Leahy, sawdust	5 05
Middlesex Co. House of Correction, mats	76 27
Vera Chemical Co., soap powder	24 48
Middlesex County, support at Training School	207 44
Braman Dow & Co., wrenches, valve	14 25
College Entrance Exam. Board, copies	1 75
Dennison Mfg. Co., tags	2 45
American Bank Note Co., diplomas	124 50
West Disinfecting Co., disinfectant	22 50
Harold C. Spencer, engrossing diplomas	31 90
Eagle Oil & Supply Co., oil, paint, etc.	62 28
H. C. Dimond & Co., stamp, repairs	5 00
A. J. Wilkinson & Co., drill, chisels	2 00
James W. Poole Inc., electrical supplies	50 13
Paige & Jones Chemical Co., labor	51 17
Heywood Bros. & Wakefield Co., desk	20 25
Amigraph Supplies Co., stencil paste	31
P. A. Nason Co., wrappers	4 25
Thorp & Martin Co., letter trays	1 80
E. E. Hayes Co., typewriter supplies	17 50
W. Arthur Lincoln, insurance	59 84
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	\$5,087 39

Repairs

Paid:

Wm. S. Richards, plumbing, furnace repairs..	\$ 864 98
C. H. Tinkham, repairing clocks	25 75
O. L. Soderlund, glazing	228 91
Geo. S. T. Fuller, expenses for committee	131 40

H. F. Walker, labor	\$ 1 75
W. B. Emery, shades, repairing chairs, flags..	120 70
N. B. Cunningham, carpentry	34 64
Page & Curtin, plumbing, heating repairs....	775 90
Warren H. Keay, glazing	20 95
L. G. Tyler, carpentry	459 08
Geo. H. Archibald, carpentry	26 77
Wellman Co., repairing engine	6 38
Wm. E. Ober, electrical supplies, labor	142 15
Anderson & Anderson, repairing roofs	38 40
G. B. Trowbridge, repairing mowers, etc.....	23 65
L. C. Poor, mending flags	32 22
John H. Byron, mason work	487 50
Samuel Dinsmore, repairing poker	75
J. A. & F. A. Walker, glazing	1 85
Geo. H. Janes, Jr., electrical repairs	1 05
Boston & Maine R. R., freight	2 66
Sinclair Hardware Co., hardware, glass.....	11 64
Standard Electric Time Co., repairing clocks	28 90
Johnson Service Co., repairing	48 31
Allen Shade Holder Co, shades	87 25
Woburn Iron Foundry, grate, grate bars	106 71
Eraman, Dow & Co., supplies	85 29
James Wilkinson Co., repairing phones	8 56
E. Howard Clock Co., batteries, labor	23 70
Edw. E. Babb & Co., flags, poles, etc.	31 98
Powers Regulator Co., labor, sundries	12 85
Henry A. Wheeler Co., flags	14 50
Reformatory for Women, flags	58 35
Perfection Grate & Supply Co., grate	181 50
Crosby Steam Gage & Valve Co., repairing..	3 75
Roberts Iron Works, retubing boilers	703 50
Dugmore & Duncan, lock repairs, keys	1 50

\$4,835 73

Text Books and Supplies

Paid:

Yerxa & Yerxa, supplies for cooking classes	\$ 146 66
C. R. Drew, supplies for cooking classes	17 59
A. W. Drew, supplies for cooking classes	17 65
Pierce Fish Market, supplies for cooking classes	6 66
William N. Curtis, supplies for cooking classes	37 90
P. Volpe & Sons, supplies for cooking classes	71 98
Medford Ice Co., ice	30 98
Sinclair Hardware Co., manual training supplies	65 24
M. R. Wooley, skirt and dress hangers	2 40
Laura P. Patten, laboratory supplies	5 60
G. F. Weston, Jr., transformer, wire	6 38
L. R. Edmans, biology supplies	5 05
Page & Curtin, crockery ware, etc.	2 95
Medford Publishing Co., histories of Medford	75 00
Atkinson, Mentzer & Co., plan forms	3 36
Kenney Bros. & Wolkins, sundries	22 37
Edward E. Babb & Co., general supplies	4,969 44
Milton Bradley Co., drawing supplies	1,080 77
Oliver Ditson Co., repairs, music	28 26
American Type Founders Co., printing supplies	51 73
John Carter & Co., paper, cards	143 52
Adams, Cushing & Foster, pencil sharpeners .	8 23
Whitall Tatum Co., laboratory supplies	2 81
Boston Music Co., music	8 40
T. D. Whitney Co., sewing supplies	8 99
Eastern Drug Co., laboratory supplies	39 74
Clapp & Tilton Co., millinery supplies	35 75
Underwood Typewriter Co., shields, etc. . . .	5 50
Edgar E. Hayes, supplies for typewriters . . .	8 33
Jordan, Marsh Co., sewing supplies	110 45
Underhill Bros., grinding tools	12 32

Remington Typewriter Co., adjusting, etc. . .	\$ 9 76
Iver Johnson Sporting Goods Co., rifles, base balls, bats	202 85
George W. Blanchard & Co., lumber	282 52
Frost & Adams Co., drawing supplies	10 05
L. E. Knott Apparatus Co., laboratory sup- plies	101 29
Neostyle Sales Agency, paper, ink, stencils . .	81 59
A. L. Bemis, vises	21 60
Carl Fischer, music	5 52
H. C. Hansen Type Foundry, printing supplies	3 55
Harding Uniform & Regalia Co., belts	26 25
J. H. Osgood Co., printing supplies	2 58
A. J. Wilkinson & Co., hooks	6 75
George J. Kelley Co., ink wells	24 00
Blodgett, Ordway & Webber, plush	11 12
J. W. Bailey & Sons Co., dowels	3 72
Chandler & Barber Co., tools	16 22
Armstrong Cork & Insulation Co., cork	1 20
William F. Ross & Co., ash stock	2 75
Amigraph Supplies Co., stencil paper	11 50
L. Danziger, laboratory supplies	6 92
Silver, Burdett & Co., books	234 45
Houghton, Mifflin Co., books	336 32
The Macmillan Co., books	103 94
Benjamin H. Sanborn & Co., books	7 57
D. C. Heath & Co., books	170 41
Thompson, Brown & Co., books	2 28
Allyn & Bacon, books	39 80
Charles Scribners' Sons, books	90 71
Little, Brown & Co., books	63 56
Atkinson, Mentzer & Co., books	57 61
American Book Co., books	1,302 76
Ginn & Co., books	358 36
Charles E. Merrill Co., books	14 79
F. J. Barnard & Co., binding books	369 05
Benjamin H. Sanborn & Co., books	70 66

EXPENDITURES

113

The Gregg Publishing Co., books	\$ 143 15
Whitecomb & Barrows, books	6 14
Allyn & Bacon, books	175 09
C. C. Birchard & Co., books	80 27
University Publishing Co., books	8 13
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	\$11,498 80

Evening School

Paid:

Sundry Persons, as per pay rolls	\$ 1,416 50
D. C. McIntosh Publishing Co., calculation pads	16 70
Home Correspondence School, supplies	8 78
J. C. Miller, Jr., printing	6 50
American Book Co., books	27 75
Edward E. Babb & Co., general supplies	24 82
Malden Electric Co., light	13 60
Loeke Coal Co., coal	109 61
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	\$1,624 26

High Schoolhouse Repairs

Paid:

M. M. Dyer, repairing damage caused by fire	\$ 475 00
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Lincoln Schoolhouse Repairs

Paid:

Boston & Maine R. R., freight	\$ 8 92
Brown-Howland Co., desk, chair, etc	306 90
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	\$ 315 82

SEALER OF WEIGHTS AND MEASURES

Salary of Sealer

One year to Jan. 1, 1918

Paid:

Winslow Joyce	\$ 500 00
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Expenses of Sealer of Weights and Measures

Paid:

New England Tel. & Tel. Co., rental and tolls	25 93
Jos. J. Maxwell, assisting sealer	13 75
John Walsh, assisting sealer	17 50
Raymond Connor, assisting sealer	8 75
Thomas Byrne, assisting sealer	12 50
Michael McCarthy, assisting sealer	7 50
George F. Orr, assisting sealer	2 50
J. C. Miller, Jr., printing	15 10
Walter A. Curtis, horse hire	96 75
George A. Curtis & Son, horse hire	2 00
Warren H. Keay, labor, varnish	2 98
Sinclair Hardware Co., flashlight, etc.	1 50
A. J. Tirrell, teaming weights	2 50
Page & Curtin, hardware, batteries	7 85
George H. Janes, Jr., batteries	55
Winslow Joyce, cash paid for postage, car- fares, filing case, etc.	16 87
R. Woodman Mfg. & Supply Co., steel stamps	13 00
Dennison Mfg. Co., labels, cutter	8 82
W. & L. E. Gurley, dies	6 57
Hobbs & Warren, books, stationery	34 21
Gill & Co., signs	3 50
Allen, Doane & Co., steel stamps	26 55
Arthur W. Clark, repairing pump	2 40
Automatic Pencil Sharpener Co., knife	20

EXPENDITURES

115

Scale Journal Publishing Co., subscription ..	\$	2 00
Standard Oil Co., tunnel		2 50
W. W. Winship, tool bag		7 65
Herman Strater & Sons, measure		2 87
Gifford, Wood Co., scale		3 32
S. F. Bowser & Co., seals		1 88
		\$ 350 00

TREASURY DEPARTMENT

Salary of City Treasurer

One year to Jan. 1, 1918

Paid :

Edward A. Badger		\$1,750 00
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Treasury Department Expenses

Paid :

J. C. Miller, Jr., envelopes, printing	\$	39 75
Cradock Garage, rent of car		8 75
Frank H. Peak, envelopes, pens		15 40
Walter A. Curtis, horse hire		10 00
Ralph E. Peak, envelopes, pens		4 90
Page & Curtin, oil heater		4 50
Edward A. Badger, carfares, postage		7 30
Adams, Cushing & Foster, account book		10 75
Todd Protectograph Sales Co., check writer		35 28
American Bank Note Co., check books		30 00
American Express Co., expressing		27
		\$ 166 90

WATER AND SEWER DEPARTMENT

Salaries of Commissioners

One year to Jan. 1, 1918, unless specified

Paid:

John H. Byron, Jan. 1 to Mar. 4	\$	8 88
John D. Dwyer, Mar. 5 to Dec. 31		41 12
Patrick Kearins		50 00
Eugene F. Irwin		50 00
		\$ 150 00

Brooks and Streams

Paid:

Workmen, as per pay rolls	\$	472 09
D. Sahl, patching rubber boots		2 20
George W. Blanchard & Co., posts		13 00
Medford Water & Sewer Department, expense of stable on Tufts Square Drain		12 71
		\$ 500 00

Sewer Construction

Paid:

Workmen, as per payrolls	\$	8,315 81
Medford, General Repairs of Highways, crushed stone		188 38
Medford, Water Service, administration and stable expense, 1917		3,266 20
Medford, Engineering Department, labor....		245 94

EXPENDITURES

117

William H. Casey, brick	\$ 252 50
M. Norton & Co., rubber boots	52 80
H. F. Walker, repairing tools	9 70
Louis G. Bragdon, repairing concrete	3 00
Boston & Maine R. R., freight	852 52
G. W. Blanchard & Co., cement, lumber	574 21
T. H. Lord, filing saws	5 60
New England Brick Co., brick	53 90
Perrin, Seamans & Co., jute packing	80 24
John W. Ramsay, pipe	2,418 05
Edson Mfg. Co., diaphragms, brake, etc.	16 65
Gibby Foundry Co., flush gates, covers	226 72
A. J. Wilkinson & Co., brass, copper	6 18
Standard Oil Co., oil	63 50
Harold L. Bond Co., hose, tools, etc.	154 93
Sparrow, Chisholm & Co., gauze	24 23
Union Cotton Mfg. Co., cheese cloth	156 65
Starrett Fields Co., pipe	33 75
Waldo Bros., supplies	3 76
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	\$17,005 22

Sewer Maintenance

Paid:

Workmen, as per payrolls	\$ 1,216 48
Harrington, King & Co., rope	42 46
Perrin, Seamans & Co., sewer brushes	48 00
Sinclair Hardware Co., batteries, etc	4 40
A. J. Tower Co., oil clothing	32 00
U. S. Rubber Co., rubber boots	14 57
Medford, Sewer Construction, stock used ...	27 35
D. Sahl, patching rubber boots	2 90
D. N. Howard, chloride of lime	87
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Tufts Square Drains

Paid:

Workmen, as per payrolls	\$ 150 00
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Water Service

Paid:

Workmen, as per payrolls	\$ 32,682 06
Fred L. Cushing, Water Registrar, salary one year to Jan. 1, 1918	1,500 00
Fred L. Cushing, Clerk of Board, salary, one year to Jan. 1, 1918	204 00
Fred L. Cushing, cash paid for recording papers, cleaning office, flash lights	82 50
Orville J. Whitney, Superintendent to June 1	625 00
Henry F. Hughes, acting Superintendent	375 00
Medford Engineering Department, labor, car-fares	243 04
Medford Highway Department, crushed stone, dynamite	67 98
Medford Sealer of Weights and Measures, sealing	1 27
Medford Post Office, stamped envelopes, stamps, post cards	369 96
Medford Ice Co., ice, moving compressor	30 50
Medford Publishing Co., copies of report, printing	17 50
New England Tel & Tel. Co., rental and tolls	160 40
American Express Co., expressing	24 34
Boston & Maine R. R., freight	565 68
Savage's Express Co., expressing	7 90
Welch's Express, expressing	11 05
Donoghue's Express, expressing	7 45
Ball's Express, expressing	1 00
H. F. Walker, shoeing, repairing tools, painting truck	871 29

EXPENDITURES

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Ralph Santolucito, damage to cellar, fruit, vegetables, etc.	\$ 35 00
E. W. Barrett, M. D., professional services ..	12 50
Morrison's Real Estate and Insurance Agency, motor and liability insurance	289 68
M. Norton & Co., tires	102 50
Malden Electric Co., light	141 25
M. & M. Gas Light Co., gas	3 18
E. J. Hervey, salt, soap, forcite, etc.	176 38
J. C. Miller, Jr., printing	202 40
Frank H. Peak, supplies	4 93
W. H. Frazier, cigars	17 95
J. F. Dwyer, sharpening drills	27 30
John W. Enright, drugs, batteries	16 66
Charles A. Lucia, harness repairs	5 10
J. E. Ober & Son, hay, grain, coke	111 81
Teel Mfg Co., auto supplies, repairs	419 18
Anthony Zaecher, tire repairs, tires	661 56
W. C. Miles Co., sawdust	25
Sinclair Hardware Co., batteries, etc.	22 67
J. N. Cowin & Co., grain, straw, hay	358 56
Locke Coal Co., coal	223 38
J. E. Sweeny, carpentry	274 01
Wellman Co., brazing	65
E. Teel & Co., Auto Department, repairing ..	70 61
E. Teel & Co., wagon repairs, parts	168 55
William E. Ober, switch	1 00
Warren H. Keay, paint	32 56
M. J. Nelligan, damage by water	40 00
Est. F. E. Chandler, refund of water rates ..	4 68
William N. Curtis, suet	49
William H. Casey, brick	37 50
C. H. Hartshorn, harness repairs, etc.	20 65
C. H. Tinkham, repairing clock	6 50
J. W. Brogan, teaming	21 25
E. B. Thorndike & Son, adertising	25
Louis G. Bragdon, repairing concrete	6 50

D. N. Howard, distilled water	\$	20
John A. Gaffey, use of team		6 50
George H. Janes, Jr., electrical supplies		63
Builder's Iron Foundry, sleeves, bends, tees .		689 59
Chadwick-Boston Lead Co., lead, solder	1,430	33
Dyar Supply Co., sharpening tools, etc		110 08
Hersey Mfg. Co., repairing meters, etc		183 25
Perrin-Seamans & Co., lanterns, packing ...		218 88
Sunner & Gerald, cocks, washers		52 40
Standard Oil Co., gasoline, oil	1,419	16
George H. Sampson Co., battery		25 00
Vacuum Oil Co., oil		40 27
R. Woodman Mfg. & Supply Co., wire		14 47
A. J. Wilkinson & Co., wire, copper, etc.		20 09
Cadillac Automobile Co., labor, etc.		37 46
Crosby Steam Gage & Valve Co., ink		4 42
Glauber Brass Mfg. Co., cocks, etc.		3 11
The Lunkenheimer Co., valves		1 30
H. Mueller Mfg. Co., general supplies		35 94
Neptune Meter Co., parts, meters	726	65
Sullivan Machinery Co., steel		60 00
Walworth Mfg. Co., pipe, couplings		382 44
R. D. Wood & Co., tees		150 10
Kelley-Springfield Motor Truck Co., parts ..		95 43
Lead Lined Iron Pipe Co., ells, tees, pipe	1,953	80
Waltham Forge, picks, resteeing		102 80
Harold L. Bond Co., tools, dynamite, pipe cut- ter, waste, wedges		506 62
Gibby Foundry Co., gate box parts		297 72
Thomson Meter Co., meter, repairing		64 55
Union Water Meter Co., waste stops, coup- lings, meters, unions	1,717	28
Water Works Equipment Co., detector		18 00
Westinghouse Traction Brake Co., supplies ..		21 78
Arthur C. Harvey Co., steel		2 63
Rensselaer Valve Co., valves	1,050	00
Chadbourne-Walker Machine Screw Co., ser- vice box locks		62 70

EXPENDITURES

121

William R. Conard, inspecting pipe	\$ 50 24
Curry Bros. Oil Co., grease	2 00
William H. Gallison Co., pipe, fittings	450 87
Kennedy Valve Mfg. Co., valves, hydrants..	810 55
National Meter Co., counter	2 09
Standard Cast Iron Pipe & Foundry Co., pipe	6,072 03
Chapman Valve Mfg. Co., valves	59 35
Fitz, Dana & Co., iron	1 18
The A. P. Smith Mfg. Co., valves, sleeves	102 05
Thompson-Durkee Co., bubblers	21 00
The Barrett Co., roofing	28 20
Ludlow Valve Mfg. Co., valves	29 40
Joseph Palmer, repairing	10 50
Pettengill-Andrews Co., electric switch	35
Coleman Bros., crushed stone	19 52
Penn. Metal Co., expanded metal	69 12
Charles J. McCarty & Co., axes	10 50
Atwood Auto Lamp Co., repairing	42 00
B. F. Goodrich Rubber Co., tires, tubes	121 09
William J. McCarthy Co., crushed stone	17 21
U. S. Rubber Co., rubber boots, etc	38 10
Universal Refining Co., auto soap	6 50
Adams, Cushing & Foster, office supplies ...	21 98
H. I. Dallman Co., brushes	29 45
Hill & Hill, horse covers, stable supplies	105 60
Iver Johnson Sporting Goods Co., chains	8 46
T. H. Lord, filing saws	4 25
N. E. Coal & Coke Co., coke	50 40
Lewis H. Peters, motor insurance	154 00
Industrial Accident Board, examinations	10 00
Pneumatic Rubber Stamp Co., stamps	1 76
R. Blum, chamois skins	9 00
Boston Picture Frame Co., frames	2 35
N. E. Oil, Paint & Varnish Co., paint, oil, brushes, sponges	169 20
B. J. Short Co., badge	4 75
Art Metal Construction Co., labor	4 50

Coleman Bros., storing dynamite.....	\$	6 00
W. J. Connell Co., tube		2 50
Ledder & Probst, blue prints		3 72
A. E. Martell Co., books		19 35
Penn. the florist, wreath		25 00
Stickney & Montague, cabinets, sundries		46 75
Boston Publishing Co., advertising		3 00
Dunbar-Lyon Motor Co., tires, tubes		102 17
City of Malden, water		7 78
Z. B. Adams, M. D., professional services		24 50
Boston Engineer's Supply Co., oil		74 18
Sampson & Murdock Co., directory		6 00
The Sisson Co., tubes		15 20
William E. Clapp, damage by water		25 00
Hood Tire Co., tires		113 72
Nobseot Spring Water, cooler		7 00
White Adding Machine Co., overhauling		45 00
Revere Rubber Co., rubber		3 22
Warren Carpet Cleaning Co., cleaning rugs ..		1 15
James T. Towhill, office supplies		34 80
W. Tracy, repairing		2 25
Winchester Garage, labor, etc.		3 00
A. R. Andrews Co., carbon paper		3 00
Engineering News-Record, subscription		5 00
Mass. Highway Commission, registration fees		21 00
Multipost Co., stamp machine		25 00
Thomas Leighton, Jr., recording		6 50
		<hr/>
		\$62,104 76

Underground Connections

Paid:

Workmen as per payrolls	\$	102 50
Wellman Co., drilling, boring		3 60
Page & Curtin, pipe		24 40

EXPENDITURES

123

Ganewell Fire Alarm Tel. Co., Alarm box, posts, terminal strips	\$ 119 29
N. E. Tel. & Tel. Co., labor, materials	15 20
Donoghue's Express, expressing	3 00
Western Electric Co., blocks	4 20
	<hr/>
	\$ 272 19

Repair Shop—Fire Department

Paid:

M. A. Dyer, architectural services	\$ 1,785 57
Medford Publishing Co., advertising proposals	11 00
M. M. Dyer, on main contract	21,398 00
M. M. Dyer, extra work	1,839 00
M. M. Dyer, on plumbing contract	2,260 00
M. M. Dyer, on heating contract	300 00
Boston Herald, advertising proposals	15 00
Medford Engineering Department, labor	18 35
Medford General Repairs of Highways, labor, stone, tarite, use of roller	148 25
	<hr/>
	\$28,275 17

WAR EMERGENCY

Public Safety Committee

Paid: On \$2000 00 Appropriation

George H. Archibald, setting up polling booth for registration	\$ 22 40
Sylvester G. Swett, cash advanced food pro- duction and conservation committee	200 00
S. G. Swett, cash paid as per vouchers	376 74

Alice Bearse, stenography	\$ 276 00
N. E. Tel. & Tel. Co., use of telephone	37 32
David Anderson, changing lock, etc.	2 50
Cradock Garage, taxi service, tire	31 00
E. J. Hervey, candles	3 25
Medford Publishing Co., printing	227 00
Frank H. Peak, paper, pens	2 25
Harry E. Gifford, envelopes, sundry expenses	5 78
Jordan, Marsh Co., flag, pole, eagle, etc.	16 50
Medford Square Garage, gasoline, oil	27 96
Ward's, stationery supplies	12 25
Jas. A. Cotting, cash paid for sundries	86 05
Jas. A. Cotting, cash paid for stamped enve- lopes	121 20
James E. Morss, printing	6 50
Malden Electric Co., light	7 00
Otto J. C. Neilson, cash paid for sundries	2 76
Frank P. Pierce, services at High School	2 00
N. E. Decorating Co., decorating	60 00
Remington Typewriter Co., rental	12 00
J. A. Hart, banquet	62 50
J. E. Dyer, services of band	225 00
C. H. Tinkham, photo work	1 40
Talbot Co., Guard Manuals	10 00
Boston Elevated Ry. Co., special cars	38 40
Matthews Lumber Co., bean poles	12 96
New England Co., towel service	4 00
Elvin Johnson, care of flag on Common	15 00
J. F. Waterman, services at Armory	3 00
W. J. McClellan, teaming voting booths	10 00
Denison-Pratt Paper Co., paper	4 00
Edward E. Babb & Co., flag	12 87
Hillside Sign Co., cloth sign	5 50
Kelley-Springfield Motor Truck Co., fan belt	3 25
A. Lane, fruit punch (Aug. 6)	20 00
Est. John A. Morgan, cigars, cigarettes (Aug. 6)	35 50

EXPENDITURES

125

Paid: On \$300.00 Appropriation

Alice Bearse, stenography	\$ 107 50
Jas. A. Cotting, sec., cash paid for office supplies	26 00
S. G. Swett, Treas., cash paid for stamps, decorating, janitor service at armory, telephone, etc.	88 64
David Anderson, lock repairs	75
Medford Publishing Co., printing	72 50
William S. Richards, repairing	85
Remington Typewriter Co., ribbon	75
	<hr/>
	\$2,303 83

Uniforms and Other Military Equipment for the Medford City or Home Guard Constabulary

Appropriation \$2,900.00.

Paid :

Iver Johnson Sporting Goods Co., night sticks, revolver, badges	\$ 147 34
H. A. Pinkham, army shoes	967 20
Talbot Co., uniforms, hats, puttees, etc.	1,682 70
Medford Publishing Co., printing shoe orders	3 50
J. G. Johnston Co., brassards	87 50
Harry E. Gifford, office expense	5 15
	<hr/>
	\$2,893 39

Automobile Truck

Appropriation \$2000.00

Paid :

Kelley-Springfield Motor Truck Co., truck ..	\$ 2,000 00
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Shoes and Officers Uniforms for State Guard

Appropriation \$513.50

Paid:

H. A. Pinkham, army shoes	\$	37	20
Talbot Co., uniforms, hats, leggins, etc.		225	30
		<hr/>	
	\$	262	50

Co. G 12th Regiment Mass. State Guard

Appropriation \$3200 00

Paid:

Talbot Co., for equipment as specified in order No. 12779C except, haversacks, revolvers, and cot beds	\$	2,691	50
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Summary

Public Service	\$	2,303	83
Home Guard		2,893	39
State Guard		2,954	00
Auto Truck		2,000	00
		<hr/>	
	\$	10,151	22

CITY AUDITOR'S STATEMENT

From the beginning of the Financial Year, January 1, 1917, to December 31, 1917, inclusive.

NAME OF ACCOUNT	Appropriations Balances, Assessments	Transfers from others Accounts	Receipts	Total Amount Credited	Transfers to other Accounts	Expended to date	Unexpended Balances	Excess
Additional D'p'tmental Eq'p'm't. app.	\$ 17,700.00							
Additional Departmental Equipment								
bal	14,227.84		\$35.16	\$31,963.00		\$21,648.93	\$10,314.07	
Aldermen's Contingent. app.	800.00			800.00	24.51	775.49		
Armory app.	1,100.00		900.00	2,000.00		2,000.00		
Board of Survey			15.00	15.00			15.00	
Bonds of City Officials (Premiums) app.	400.00	\$194.60		594.60		594.60		
Charles River Basin Assmt. warrant	2,962.27			2,962.27		2,062.27		
Claims		175.00		175.00		175.00		
City Hall (Construction) bal.	125,085.00			125,085.00		26,814.15	98,270.85	
City Hall (Expenses) app.	2,657.25	150.00		2,807.25		2,807.04	.21	
Decoration and care of Soldiers'								
Graves app.	425.00			425.00		425.00		
Fire Prevention Tax warrant	389.82			389.82		389.82		
Hancock Avenue Schoolhouse bal.	498.75							
app.		394.81		893.56		765.54	128.02	
High Schoolhouse Addition bal.	3,371.30			3,371.30		412.05	2,959.25	
Income from Trust Funds..... bal.	127.73		1,169.26	1,296.99		1,134.49	162.50	
Insurance			210.00	210.00		14.50	195.50	

CITY AUDITOR'S STATEMENT—Continued.

NAME OF ACCOUNT	Appropriations Balances, Assessments	Transfers from others Accounts	Receipts	Total Amount Credited	Transfers to other Accounts	Expended to date	Unex- pended Balances	Excess
Interest including certification of notes app.	95,000.00		18,458.25	113,458.25	10,484.10	102,974.15		
Interest on the Water Debt bal.	2,269.68		6,135.78	8,405.46		5,920.00	2,485.46	
Junior High Schoolhouse bal.	143,405.42			143,405.42		116,155.59	27,249.83	
Metropolitan Park Tax warrant	16,610.99			16,610.99		16,610.99		
Metropolitan Sewer Tax warrant.	29,056.20			29,056.20		29,056.20		
Metropolitan Water Tax		33,666.75		33,666.75		33,666.75		
Middlesex County Tax warrant.	31,995.88			31,995.88		31,995.88		
Miscellaneous Account app.	3,200.00		82.10	3,282.10	11.31	3,265.30	5.49	
Miscellaneous Credits			94,403.40	94,403.40	97,445.08	412.37		3,454.05
Osgood Schoolhouse bal.	467.58							
app.	6,000.00		191.40	6,658.98		6,561.30	97.68	
Payment of City Debt bal.	8,381.57							
app.	93,000.00	23,117.63	253,395.40	388,156.11	5,000.00	349,250.00	33,906.11	
assmts	10,261.51							
Rental G. A. R. Hall app.	400.00			400.00		400.00		
Rental of City Offices including vault		1,500.00		1,500.00	20.00	1,480.00		
Rifle Practice, Co. E., 5th Reg. app.	250.00			250.00	82.00	168.00		
Salaries app.	7,500.00			7,500.00	50.00	7,440.61	9.39	
Sinking Funds app.	14,920.00			14,920.00		14,920.00		
Soldiers' Relief app.	1,700.00	1,200.00		2,900.00	62.04	2,837.96		
State Tax warrant.	69,960.00			69,960.00		69,960.00		

State Highway Tax	warrant.	202.89	.....	.....	202.89	.....	202.89	.....	.....
	assm'ts.	21,736.72	.....	.....	.....	.....	.....	.....	.....
Street Betterments	bal.	2,468.95	.....	.....	24,205.67	23,117.63	.....	1,088.04	.....
Trade Schools			761.06	894.68	1,655.74	.....	1,655.74	.....	.....
Telephones (City Hall)	app.	300.00	75.00	.....	375.00	.....	373.97	1.03	.....
War Emergency	app.	11,500.00	.....	12.96	11,512.96	.....	10,151.22	1,361.74	.....
Wellington Bridge Assmt. ..	warrant.	4,599.68	.....	.....	4,599.68	.....	4,599.68	.....	.....
Assessing Department.									
Salaries of Assessors	app.	2,950.00	50.00	.....	3,000.00	.....	3,000.00	.....	.....
Assessors' Expenses	app.	3,800.00	1,250.00	.....	5,050.00	.....	5,050.00	.....	.....
Auditing Department									
Salary of City Auditor	app.	1,600.00	.....	.....	1,600.00	.....	1,600.00	.....	.....
Expenses, books, printing, etc. .	app.	330.00	.....	.....	330.00	13.68	316.32	.....	.....
Printing Reports (binding, etc) .	app.	500.00	29.75	36.25	566.00	.....	562.88	3.12	.....
Cemetery Department									
Salaries of Trustees	app.	200.00	.....	.....	200.00	.....	191.67	8.33	.....
Care of Cemeteries	app.	2,300.00	2,000.00	10,055.35	14,355.35	.....	14,355.35	.....	.....
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	800.00	.75	2,100.75	.....	2,100.45	.30	.....
Election Expenses	app.	3,100.00	1,100.00	.....	4,200.00	.....	4,199.01	.99	.....
Printing & Adv'tsing Ordinances, app.		50.00	1.46	.....	51.46	.....	49.02	2.44	.....
Reporting and Recording Births and Deaths	app.	400.00	159.85	.....	559.85	.....	559.48	.37	.....
State Aid				6,056.79	6,056.79	.....	14,730.80	.....	9,571.21

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	Unex- pended Balances	Excess
Collecting Department								
Salary of City Collector	1,700.00			1,700.00		1,700.00		
Expenses, including Clerks	2,700.00	1,775.00	.90	4,475.90		4,472.43	3.47	
Estates Bought at Sale for Taxes...			1,051.62	1,651.62		5,133.61		
						1,704.74		5,180.73
Electrical Department								
Salary of Supt. of Wires and Gas Fitting	1,500.00			1,500.00		1,500.00		
Electrical Dept. Expenses	250.00		39.50	289.50		288.58	.92	
Fire and Police Signal Service	500.00		114.86	614.86		612.81	2.05	
Street Lights	25,300.00			25,300.00	230.00	25,064.34	5.66	
Underground Connections		500.00		500.00		272.19	227.81	
Engineering Department								
Salary of City Engineer	1,950.00			1,950.00		1,950.00		
Engineering Dept. Expenses	1,300.00	625.00	1,558.06	3,483.06	61.52	3,421.54		
Fire Department								
Salaries of Firemen	41,181.93			41,181.93	1,750.00	39,416.33	15.60	
Ordinary Expenses including Tele- phones	3,200.00	2,900.00	130.33	6,230.33		6,228.30	2.03	
Repair Shop	41,500.00			41,500.00		28,275.17	13,224.83	

Health Department							
Salaries of Board of Health app.	350.00			350.00		350.00	
Salaries of Inspectors app.	2,150.00			2,150.00		2,150.00	
Health Dept. Exp. Inc. Clerk app.	792.50	800.00	24.00	1,616.50		1,591.32	25.18
Contagious Diseases app.	2,387.50	200.00	137.00	2,724.50		2,723.53	.97
Mosquito Nuisance assmt.	8,480.27			8,480.27		2,508.51	5,971.76
Highway Department							
Salary of Street Commissioner app.	1,900.00			1,900.00		1,900.00	
Salary of Supt. of Moth Suppression app.	400.00			400.00		400.00	
Ashes (collection of) app.	15,000.00	1,000.00	645.52	16,645.52		17,302.39	656.87
Bridges app.	200.00	250.00		450.00		450.00	
Collection of House Offal app.	8,000.00	1,000.00	3,200.00	12,200.00		12,191.00	9.00
General Repairs of Highways bal.	284.63						
app.	19,934.00		13,236.03	33,454.66		46,804.83	13,350.17
Gravel Sidewalks app.	800.00			800.00		800.00	
Gypsy and Brown Tail Moths bal.	943.21						
assmts.	765.30						
app.	1,000.00	1,500.00	115.40	4,323.91		3,702.10	621.81
Guide Boards and Street Signs app.	200.00			200.00		200.00	
Original Construction of Streets . bal.	7,655.53						
app.	9,000.00		7,000.00	23,655.53	7,000.00	16,655.53	
Paving Gutters app.	200.00			200.00		200.00	
Sidewalks and Edgestones, Brick and Granolithic, Granite Edgestones bal.	12,890.95						
assmts.	15,531.41						
app.	32,000.00		150.90	60,573.26		43,652.32	16,920.94
Stone Bounds app.	50.00			50.00		50.00	
Street Construction app.	20,000.00			20,000.00		15,680.46	4,319.54

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	Unex- pended Balances	Excess
Surface Drains bal.	5,075.79							
..... app.	8,000.00		38.00	13,113.79		10,141.03	2,972.76	
Trees, Setting out, Care of, Leopard Moth & Beetle Work..... app.	800.00		27.75	827.75		827.75		
Watering Streets ass'mt.	18,504.93		750.87	10,255.80		10,242.75	13.05	
Building Inspection Department.								
Salary of Insp. of Buildings.... app.	1,200.00			1,200.00		1,200.00		
Expenses of Insp. of Buildings... app.	300.00	30.00		330.00		329.26	.74	
Park Department								
Public Commons, Inc Playgr'ds... app.	2,000.00	2,500.00		4,500.00		4,499.56	.44	
Care of Bath Houses app.	200.00			200.00		194.66	5.34	
Playground Equipment bal.	762.81			762.81		285.15	477.66	
Police Department								
Salaries of Policemen, Including Jani- tor app.	42,453.75			42,453.75	900.00	41,537.99	15.76	
Special Police, and other exp. app.	3,500.00	2,825.00	10.00	6,335.00		6,333.32	1.68	
Boiler bal.	512.75			512.75			512.75	

Public Library Department							
General Expenses, Inc. Salaries and Janitor	app.	9,500.00	2,281.66	11,781.66	11,773.44	8.22	
Agencies (including expressing)	app.	366.00		366.00	366.00		
Relief of Poor Department							
Salaries of Overseers and Sec....	app.	950.00		950.00	57.43	892.57	
City Home	app.	3,000.00	1,550.00	5,055.09		5,055.39	.30
Outside Relief	app.	7,000.00	5,389.95	13,549.41		13,549.41	
Repairs	app.	200.00		200.00	200.00		
School Department							
Salary of Secretary	app.	300.00		300.00		300.00	
Salary of Superintendent	app.	3,210.00		3,210.00		3,210.00	
Salaries of Teachers and Subs....	app.	162,704.00	15.00	162,719.00	1,896.75	160,822.25	
Stewardship, Inc. Truant Officer	app.	14,000.00	1,375.00	15,375.00	900.00	14,470.65	4.35
General Expenses	app.	3,000.00	700.00	5,089.75		5,087.39	2.36
Evening School	app.	1,300.00	325.00	1,625.00		1,624.26	.74
Fuel	app.	13,500.00	1,800.00	15,300.00	43.79	15,256.21	
Medical Inspection	app.	200.00		200.00		200.00	
Repairs	app.	4,000.00	850.00	4,850.00		4,835.73	14.27
Text Books and Supplies	app.	9,500.00	2,000.00	11,500.00		11,498.80	1.20
High Schoolhouse Repairs	bal.	66.39	495.00	561.39		475.00	86.39
Lincoln Schoolhouse Repairs			315.82	315.82		315.82	
Sealers of Weights and Measures							
Salary of Sealer	app.	500.00		500.00		500.00	
Expenses of Sealer	app.	200.00	150.00	350.00		350.00	
Treasury Department							
Salary of City Treasurer	app.	1,750.00		1,750.00		1,750.00	
Treasury Dept. Expenses	app.	200.00		200.00	33.10	166.90	

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	Unex- pended Balances	Excess
Water and Sewer Department								
Salaries of Commissioners..... app.	150.00			150.00		150.00		
Brooks and Streams app.	200.00	300.00		500.00		500.00		
Sewer Construction bal.	8,316.89							
..... asmt.	10,918.68		166.24	10,401.81		17,005.22	2,396.59	
Sewer Maintenance app.	1,200.00	150.00	41.55	1,391.55		1,389.03	2.52	
Water Service conn.	4,959.58		90,811.93	95,771.51	33,666.75	62,104.76		
Tufts Square Drains		150.00		150.00		150.00		
	1380560.83	97,586.68	517,749.55	2,004,897.06	183,049.69	1,627,931.99	226,134.41	32,219.03
Cash in Treasury Jan. 1, 1917.....			198,853.73					
Cash in Treasury Jan. 1, 1918.....						25,498.01		
Appropriations		7,000.00						
		99,954.89						
Bonds			144,500.00					
Notes in Anticipation of Revenue			500,000.00			450,000.00		
Perpetual Care Fund.....			1,750.13			1,750.13		
Excess and Deficiency			4.25		7,385.58			
Overlay and Abatement, 1915						32.24		
Overlay and Abatement, 1916						33.68		
Overlay and Abatement, 1917						85.60		
December Tax Levy					14,106.30	213.84		

Accounts with the City Collector:					
Taxes		670,887.24		202.80	
December Taxes		7,270.68			
Sewer Connections		5,535.93		31.49	
Sewer Connections Added to Taxes		3,487.87			
Sewer Connections Apportioned		1,649.19			
Sewer Assessments		4,499.04			
Sewer Apportionments		2,492.89			
Sidewalk Applications		2,354.34			
Sidewalk Assessments		7,551.19			
Sidewalk Apportionments		1,181.70			
Gypsy and Brown Tail Moth Ass'mt		823.27			
Watering Assessment		17,075.76		1.41	
Water Connections		3,958.71			
Betterments		7,497.05			
Betterments Apportioned		627.86			
				2,105,781.19	
*Deductions					
Debit balance Jan. 1, 1917 of Estates bought at sale for taxes \$5,133.61					
State Aid 897.20				6,030.81	
		204,541.57	2099750.38	204,541.57	2,099,750.38

BALANCES

(Or Assets and Liabilities)

	Dr.	Cr.
*Departmental Equipment ..		\$ 10,314 07
Board of Survey		15 00
*City Hall Construction		98,270 85
*Hancock Avenue School- house		128 02
*High Schoolhouse Addition		2,959 25
Income from Trust Funds ..		162 50
Insurance		281 89
Interest on the Water Debt .		2,485 46
*Junior High Schoolhouse ..		27,249 83
Miscellaneous Credits	3,454 59	
Osgood Schoolhouse		97 68
Payment of City Debt		33,906 11
Street Betterments		1,088 04
*War Emergency		1,361 74
‡Underground Connections .		227 81
*Repair Shop—Fire Dept. ..		13,224 83
‡Mosquito Nuisance		5,971 76
‡Gypsy & Brown Tail Moths		621 81
State Aid	9,571 21	
Estates Bought at Sale for Taxes	5,186 73	
Ashes	656 87	
General Repairs of Highways	13,350 17	
*Sidewalks and Edgestones .		16,920 94
*Surface Drains		2,972 76

*Street Construction		\$ 4,319 54
*Playground Equipment ...		477 66
*Boiler— Police Department		512 75
*Sewer Construction		2,396 59
Cash in Treasury Jan. 1, 1918	25,497 47	
Taxes	354,966 74	
December Taxes	1,208 42	
Sewer Connections	2,055 85	
Sewer Connections Added to Taxes	4,043 85	
Sewer Connections Appor- tioned	846 13	
Sewer Assessments	6,262 32	
Sewer Apportionments ...	1,483 02	
Sidewalk Applications	560 98	
Sidewalk Assessments	15,599 54	
Sidewalk Apportionments ..	869 68	
Gypsy & Brown Tail Moth Assessment	467 76	
Watering Assessment	8,588 49	
Mosquito Assessment	3,481 72	
Water Connections	3,294 38	
Betterments	15,173 21	
Betterments Apportioned ..	626 34	
December Tax Levy		1,208 42
Excess and Deficiency		77 02
Notes in Anticipation of Revenue		250,000 00
Overlay and Abatement, 1913		942 52
Overlay and Abatement, 1914		971 14
Overlay and Abatement, 1915		3,178 83
Overlay and Abatement, 1916		8,729 98
Overlay and Abatement, 1917		9,170 67
Appropriations	23,000 00	
Bonds		1,932,300 00
Notes		213,239 30

Public Property	\$1,960,650 00	
Property and Debt Balance	184,889 30	
	<hr/>	<hr/>
	\$2,645,784 77	\$2,645,784 77

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

†Assessments.

‡Work uncompleted.

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, 1917 was

		\$4,980 46
Apportioned in 1917		861 28
		<hr/>
		\$5,841 74
Committed to Collector in 1917	\$2,097 10	
Paid in advance in 1917	284 06	2,381 16
	<hr/>	<hr/>
Balance to be committed in future years		\$3,460 58

Sewer Connections Apportioned

Jan. 1, 1917, balance to be committed		\$4,867 22
Apportioned in 1917		1,157 36
		<hr/>
		\$6,024 58

Committed to Collector in 1917	\$1,686 28	
Paid in advance in 1917	187 04	\$1,873 32
	<hr/>	<hr/>
Balance to be Committed in future years		\$4,151 26

Sidewalk Assessments Apportioned

Jan. 1, 1917, balance to be committed		\$ 559 43
Apportioned in 1917		8,067 07
		<hr/>
		\$8,626 50
Committed to Collector in 1917		1,555 08
		<hr/>
Balance to be Committed in future years		\$7,071 42

Street Betterments Apportioned

Jan. 1, 1917, balance to be committed		\$ 863 76
Apportioned in 1917		4,343 35
		<hr/>
		\$5,207 11
Committed to Collector in 1917	\$1,074 15	
Paid in advance in 1917	47 40	1,121 55
	<hr/>	<hr/>
Balance to be Committed in future years		\$4,085 56

Miscellaneous Bills

The books of this department show the amounts remaining uncollected Jan. 1, 1918, to have been for the following accounts:

General Repairs of Highways	\$1,066 28
General Expenses—School Department.....	437 00
Outside Relief	932 59
Contagious Diseases	562 03
Sewer Maintenance	34 43
Sewer Construction	190 71
Income from Estates taken for Taxes	22 50
Sidewalks and Edgestones	23 14
Surface Drains	8 50
City Home	53 58
Trees	17 48
Watering Streets	8 70
Gypsy and Brown Tail Moths	201 87
Engineering Department Expenses	1 44
Miscellaneous Credits	32 28
Infantile Paralysis	32 00
Health Department Expenses	368 00
Guide Boards and Street Signs	2 75
Ashes	160 00
Collection of House Offal	800 00
	<hr/>
	\$4,955 28

SCHEDULE C

**Of the Commonwealth of Massachusetts Bureau of Statistics
Statement of Debt, Jan. 1, 1918**

Total General Debt		\$2,002,539 30
Sinking Funds		647,216 37
		\$1,355,322 93
Net General Debt		\$1,355,322 93
Sinking Fund, Public Service		
Enterprise Debt	\$149,464 65	
Total Public Service Enterprise Debt	143,000 00	
Surplus of Public Service Enterprise Sinking Fund .		\$6,464 65
Total Net Debt		\$1,348,858 28
Total in Bonds outstanding .	\$1,932,300 00	
Total in Notes outstanding .	213,239 30	
	\$2,145,539 30	
Total Sinking Fund	796,681 02	\$1,348,858 28

BONDS

LOANS	Due	How Payable	Amount	Total Outstanding
Water Fund	Jan. 1, 1918	S. F.	\$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	128,000.00
Public Building Loan	Aug. 1, 1918	S. F.	80,000.00	.....
" " " "	Mar. 1, 1919	" "	35,000.00	115,000.00
Sewerage Loan	Feb. 1, 1918	Taxes	500.00	.....
" "	June 1, 1918	" "	500.00	.....
" "	Aug. 1, 1918	S. F.	10,000.00	.....
" "	Sep. 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	.....
" "	Sep. 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	.....
" "	Sep. 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	.....
" "	Sep. 1, 1921	Taxes	500.00	.....
" "	Nov. 1, 1921	" "	500.00	.....
" "	Dec. 1, 1921	" "	500.00	.....
" "	Feb. 1, 1922	" "	500.00	.....
" "	June 1, 1922	" "	500.00	.....
" "	Aug. 1, 1922	S. F.	25,000.00	.....
" "	Sep. 1, 1922	Taxes	500.00	.....
" "	Nov. 1, 1922	" "	500.00	.....
" "	Dec. 1, 1922	" "	500.00	.....

BONDS—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Sewerage Loan	Feb. 1, 1923	Taxes	\$ 500.00	.....
" "	June 1, 1923	"	500.00	.....
" "	Aug. 1, 1923	S. F.	30,000.00	.....
" "	Sep. 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	.....
" "	Sep. 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	.....
" "	Sep. 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	.....
" "	Sep. 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	.....
" "	Sep. 1, 1927	"	500.00	.....
" "	Nov. 1, 1927	"	500.00	.....
" "	Dec. 1, 1927	"	500.00	.....
" "	Feb. 1, 1928	"	500.00	.....
" "	June 1, 1928	"	500.00	.....
" "	Sep. 1, 1928	"	500.00	.....
" "	Nov. 1, 1928	"	500.00	.....
" "	Dec. 1, 1928	"	500.00	.....
" "	Feb. 1, 1929	"	500.00	.....
" "	June 1, 1929	"	500.00	.....
" "	Sep. 1, 1929	"	500.00	.....
" "	Nov. 1, 1929	"	500.00	.....
" "	Dec. 1, 1929	"	500.00	.....
" "	Feb. 1, 1930	"	500.00	.....
" "	June 1, 1930	"	500.00	.....
" "	Sep. 1, 1930	"	500.00	.....
" "	Nov. 1, 1930	"	500.00	.....
" "	Dec. 1, 1930	"	500.00	.....
" "	Feb. 1, 1931	"	500.00	.....

REPORT OF CITY AUDITOR

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Sewerage Loan	June 1, 1931	Taxes	\$ 500.00	.....
" "	Sep. 1, 1931	"	500.00	.....
" "	Nov. 1, 1931	"	500.00	.....
" "	Dec. 1, 1931	"	500.00	.....
" "	Feb. 1, 1932	"	500.00	.....
" "	June 1, 1932	"	500.00	.....
" "	Sep. 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	.....
" "	Sep. 1, 1939	S. F.	5,000.00	.....
" "	Nov. 1, 1939	Taxes	500.00	.....
" "	Dec. 1, 1939	"	500.00	.....
" "	June 1, 1940	"	500.00	.....
" "	Sep. 1, 1940	S. F.	15,000.00	.....
" "	Nov. 1, 1940	Taxes	500.00	.....
" "	Dec. 1, 1940	"	500.00	.....
" "	June 1, 1941	"	500.00	.....
" "	Sep. 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	.....
" "	Dec. 1, 1942	"	500.00	.....
" "	June 1, 1943	"	500.00	.....
" "	Nov. 1, 1943	"	500.00	.....
" "	Dec. 1, 1943	"	500.00	.....

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Sewerage Loan	June 1, 1944	Taxes	\$ 500.00	.....
“ “	Dec. 1, 1944	“	500.00	.....
“ “	June 1, 1945	“	500.00	.....
“ “	June 1, 1946	“	500.00	290,500.00
City Hall	Jan. 3, 1918	Taxes	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	190,000.00
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, 1918	Taxes	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	.....
“ “	May 15, 1922	“	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	.....

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Playground Loan	Aug. 1, 1927	Taxes	\$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	57,100.00
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)	Sep. 1, 1918	Taxes	4,000.00	.....
“ “ “	Sep. 1, 1919	“	4,000.00	.....
“ “ “	Sep. 1, 1920	“	4,000.00	.....
“ “ “	Sep. 1, 1921	“	4,000.00	.....
“ “ “	Sep. 1, 1922	“	4,000.00	.....
“ “ “	Sep. 1, 1923	“	4,000.00	.....
“ “ “	Sep. 1, 1924	“	4,000.00	.....
“ “ “	Sep. 1, 1925	“	4,000.00	.....
“ “ “	Sep. 1, 1926	“	4,000.00	.....
“ “ “	Sep. 1, 1927	“	4,000.00	.....
“ “ “	Sep. 1, 1928	“	4,000.00	.....
“ “ “	Sep. 1, 1929	“	4,000.00	.....
“ “ “	Sep. 1, 1930	“	3,000.00	.....
“ “ “	Sep. 1, 1931	“	3,000.00	54,000.00
School Loan (1912)	Jan. 1, 1918	Taxes	5,000.00	.....
“ “ “	July 1, 1918	“	6,000.00	.....
“ “ “	Jan. 1, 1919	“	5,000.00	.....
“ “ “	July 1, 1919	“	6,000.00	.....

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
School Loan (1912)	Jan. 1, 1920	Taxes	\$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	170,000.00
Junior High School	July 5, 1918	Taxes	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	
" " "	July 5, 1923	"	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	

REPORT OF CITY AUDITOR

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Junior High School	July 5, 1927	Taxes	\$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	180,450.00
High Schoolhouse Addition (1912)	Jan. 1, 1918	Taxes	1,250.00	.....
“ “ “	Sep. 1, 1918	“	1,000.00	.....
“ “ “	Jan. 1, 1919	“	1,250.00	.....
“ “ “	Sep. 1, 1919	“	1,000.00	.....
“ “ “	Jan. 1, 1920	“	1,250.00	.....
“ “ “	Sep. 1, 1920	“	1,000.00	.....
“ “ “	Jan. 1, 1921	“	1,250.00	.....
“ “ “	Sep. 1, 1921	“	1,000.00	.....
“ “ “	Jan. 1, 1922	“	1,250.00	.....
“ “ “	Sep. 1, 1922	“	1,000.00	.....
“ “ “	Jan. 1, 1923	“	1,250.00	.....
“ “ “	Sep. 1, 1923	“	1,000.00	.....
“ “ “	Jan. 1, 1924	“	1,250.00	.....
“ “ “	Sep. 1, 1924	“	1,000.00	.....
“ “ “	Jan. 1, 1925	“	1,250.00	.....
“ “ “	Sep. 1, 1925	“	1,000.00	.....
“ “ “	Jan. 1, 1926	“	1,250.00	.....
“ “ “	Sep. 1, 1926	“	1,000.00	.....
“ “ “	Jan. 1, 1927	“	1,250.00	.....
“ “ “	Sep. 1, 1927	“	1,000.00	.....
“ “ “	Jan. 1, 1928	“	1,250.00	.....
“ “ “	Sep. 1, 1928	“	500.00	.....
“ “ “	Jan. 1, 1929	“	1,250.00	.....
“ “ “	Jan. 1, 1930	“	1,250.00	.....

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
High Schoolhouse Addition (1912)	Jan. 1, 1931	Taxes	\$1,250.00	.....
“ “ “	Jan 1, 1932	“	1,250.00	.....
“ “ “	Jan. 1, 1933	“	1,250.00	.....
“ “ “	Jan. 1, 1934	“	1,250.00	31,750.00
High School Original Equipment	July 1, 1918	Taxes	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	13,500.00
Surface Drainage Loan...	Mar. 1, 1918	Taxes	500.00	.....
“ “ “	July 1, 1918	“	2,000.00	.....
“ “ “	Dec. 1, 1918	“	500.00	.....
“ “ “	Mar. 1, 1919	“	500.00	.....
“ “ “	July 1, 1919	“	2,000.00	.....
“ “ “	Dec. 1, 1919	“	500.00	.....
“ “ “	Mar. 1, 1920	“	500.00	.....
“ “ “	July 1, 1920	“	2,000.00	.....
“ “ “	Mar. 1, 1921	“	500.00	.....
“ “ “	July 1, 1921	“	2,000.00	.....
“ “ “	Mar. 1, 1922	“	500.00	.....
“ “ “	July 1, 1922	“	1,500.00	.....
“ “ “	Mar. 1, 1923	“	500.00	.....
“ “ “	July 1, 1923	“	1,000.00	.....
“ “ “	Mar. 1, 1924	“	500.00	.....
“ “ “	July 1, 1924	“	1,000.00	.....
“ “ “	Mar. 1, 1925	“	500.00	.....
“ “ “	July 1, 1925	“	1,000.00	.....
“ “ “	Mar. 1, 1926	“	500.00	.....
“ “ “	July 1, 1926	“	1,000.00	.....
“ “ “	Mar. 1, 1927	“	500.00	.....
“ “ “	July 1, 1927	“	1,000.00	.....
“ “ “	Mar. 1, 1928	“	500.00	.....
“ “ “	Mar. 1, 1929	“	500.00	.....
“ “ “	Mar. 1, 1930	“	500.00	.....
“ “ “	Mar. 1, 1931	“	500.00	.....
“ “ “	Mar. 1, 1932	“	500.00	.....
“ “ “	Mar. 1 1933	“	500.00	.....
“ “ “	Mar. 1, 1934	“	500.00	.....
“ “ “	Mar. 1, 1935	“	500.00	.....

REPORT OF CITY AUDITOR

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Surface Drainage Loan ..	Mar. 1, 1936	Taxes	\$ 500.00	.....
“ “ “	Mar. 1, 1937	“	500.00	.....
“ “ “	Mar. 1, 1938	“	500.00	26,000.00
Drainage Loan (1912) ...	July 1, 1922	Taxes	500.00	500.00
Drainage Loan (1916) ...	Aug. 3, 1918	Taxes	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	9,500.00
Hancock Ave. School-house	June 1, 1918	Taxes	3,000.00	.....
“ “ “	July 1, 1918	“	250.00	.....
“ “ “	Sep. 1, 1918	“	250.00	.....
“ “ “	June 1, 1919	“	3,000.00	.....
“ “ “	July 1, 1919	“	250.00	.....
“ “ “	Sep. 1, 1919	“	250.00	.....
“ “ “	June 1, 1920	“	3,000.00	.....
“ “ “	July 1, 1920	“	250.00	.....
“ “ “	Sep. 1, 1920	“	250.00	.....
“ “ “	June 1, 1921	“	3,000.00	.....
“ “ “	July 1, 1921	“	250.00	.....
“ “ “	Sep. 1, 1921	“	250.00	.....
“ “ “	June 1, 1922	“	3,000.00	.....
“ “ “	July 1, 1922	“	250.00	.....
“ “ “	Sep. 1, 1922	“	250.00	.....
“ “ “	June 1, 1923	“	3,000.00	.....
“ “ “	July 1, 1923	“	250.00	.....
“ “ “	Sep. 1, 1923	“	250.00	.....
“ “ “	June 1, 1924	“	3,000.00	.....

BONDS—Continued

LOANS			Due	How Payable	Amount	Total Outstanding
Hancock house	Ave.	School	July 1, 1924	Taxes	\$ 250.00	.....
"	"	"	Sep. 1, 1924	"	250.00	.....
"	"	"	June 1, 1925	"	3,000.00	.....
"	"	"	July 1, 1925	"	250.00	.....
"	"	"	Sep. 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	"	1,000.00	.....
"	"	"	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	46,750.00
Sidewalks			Aug. 1, 1918	Taxes	1,000.00	.....
"			Sep. 1, 1918	"	2,000.00	.....
"			Oct. 1, 1918	"	400.00	.....
"			Aug. 1, 1919	"	1,000.00	.....
"			Sep. 1, 1919	"	2,000.00	.....
"			Oct. 1, 1919	"	400.00	.....
"			Oct. 1, 1920	"	400.00	7,200.00
Playground Equipment			Aug. 10, 1918	Taxes	500.00	.....
"			Aug. 10, 1919	"	500.00	.....
"			Aug. 10, 1920	"	500.00	.....
"			Aug. 10, 1921	"	500.00	2,000.00
Police Dept. Equipment			Aug. 5, 1918	Taxes	1,000.00	.....
"			Aug. 5, 1919	"	1,000.00	.....
"			Aug. 5, 1920	"	500.00	.....
"			Aug. 5, 1921	"	350.00	2,850.00
Extreme Emergency			Dec. 1, 1918	Taxes	500.00	.....
"			Dec. 1, 1919	"	500.00	1,000.00

BONDS—Continued

LOANS	Due	How Payable	Amount	Total Outstanding
Osgood Schoolhouse	Mar. 15, 1918	Taxes	\$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	23,500.00
Fire Station Loan	July 1, 1918	Taxes	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	9,000.00
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	130,000.00
Departmental Equipment	July 1, 1918	Taxes	2,700.00	.....
“ “	Aug. 1, 1918	“	3,000.00	.....
“ “	Oct. 1, 1918	“	700.00	.....

BONDS—Continued

LOANS	Due	How Pay-able	Amount	Total Outstanding
Departmental Equipment	July 1, 1919	Taxes	\$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	18,500.00
Original Construction of Streets	July 1, 1918	Taxes	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	11,900.00
Street Construction	Sep. 1, 1918	Taxes	1,000.00	.....
“ “	Sep. 1, 1919	“	1,000.00	.....
“ “	Sep. 1, 1920	“	1,000.00	.....
“ “	Sep. 1, 1921	“	1,000.00	.....
“ “	Sep. 1, 1922	“	1,000.00	.....
“ “	Sep. 1, 1923	“	1,000.00	.....
“ “	Sep. 1, 1924	“	1,000.00	.....
“ “	Sep. 1, 1925	“	1,000.00	.....
“ “	Sep. 1, 1926	“	600.00	8,600.00
Street Loan (1916)	Mar. 1, 1918	Taxes	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	26,100.00
Playstead Road	July 1, 1918	Taxes	300.00	300.00
Forest Street	June 1, 1918	Taxes	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	7,600.00
Fulton Heights School-house	July 1, 1918	Taxes	500.00	.....

BONDS—Continued

LOANS		Due	How Pay- able	Amount	Total Outstanding
Fulton Heights School-		July 1, 1919	Taxes	\$ 500.00	.....
house	.....	July 1, 1920	"	500.00	1,500.00
"	"				
Sidewalks (1916)	.....	Sep. 1, 1918	Taxes	3,000.00	.....
"	"	Sep. 1, 1919	"	3,000.00	.....
"	"	Sep. 1, 1920	"	3,000.00	.....
"	"	Sep. 1, 1921	"	3,000.00	12,000.00
Highway Dpt. Equipment	.....	Oct. 3, 1918	Taxes	2,500.00	.....
(1916)	"	Oct. 3, 1919	"	1,800.00	4,300.00
"	"				
Hancock Schoolhouse	.....	Oct. 10, 1918	Taxes	500.00	.....
(1916)	"	Oct. 10, 1919	"	500.00	.....
"	"	Oct. 10, 1920	"	500.00	.....
"	"	Oct. 10, 1921	"	500.00	2,000.00
Junior High School (1916)	.....	Oct. 2, 1918	Taxes	500.00	.....
"	"	Oct. 2, 1919	"	500.00	.....
"	"	Oct. 2, 1920	"	500.00	.....
"	"	Oct. 2, 1921	"	500.00	2,000.00
War Loan (1917)	.....	June 1, 1918	Taxes	1,500.00	.....
"	"	June 1, 1919	"	1,500.00	.....
"	"	June 1, 1920	"	1,500.00	.....
"	"	June 1, 1921	"	1,500.00	.....
"	"	June 1, 1922	"	1,500.00	7,500.00
Fire Loan (1917)	.....	Apr. 1, 1918	Taxes	2,000.00	.....
"	"	Apr. 1, 1919	"	2,000.00	.....
"	"	Apr. 1, 1920	"	2,000.00	.....
"	"	Apr. 1, 1921	"	2,000.00	.....
"	"	Apr. 1, 1922	"	2,000.00	.....
"	"	Apr. 1, 1923	"	2,000.00	.....
"	"	Apr. 1, 1924	"	2,000.00	.....
"	"	Apr. 1, 1925	"	2,000.00	.....
"	"	Apr. 1, 1926	"	2,000.00	.....
"	"	Apr. 1, 1927	"	2,000.00	.....
"	"	Apr. 1, 1928	"	2,000.00	.....
"	"	Apr. 1, 1929	"	2,000.00	.....
"	"	Apr. 1, 1930	"	2,000.00	.....
"	"	Apr. 1, 1931	"	2,000.00	.....
"	"	Apr. 1, 1932	"	2,000.00	.....
"	"	Apr. 1, 1933	"	2,000.00	.....
"	"	Apr. 1, 1934	"	2,000.00	.....

BONDS—Continued

LOANS	Due	How Pay- able	Amount	Total Outstanding
Fire Loan (1917)	Apr. 1, 1935	Taxes	\$2,000.00	\$36,000.00
Osgood Schoolhouse (1917)	June 1, 1918	Taxes	500.00	.....
“ “ “	June 1, 1919	“	500.00	.....
“ “ “	June 1, 1920	“	500.00	.....
“ “ “	June 1, 1921	“	500.00	.....
“ “ “	June 1, 1922	“	500.00	.....
“ “ “	June 1, 1923	“	500.00	.....
“ “ “	June 1, 1924	“	500.00	.....
“ “ “	June 1, 1925	“	500.00	.....
“ “ “	June 1, 1926	“	500.00	.....
“ “ “	June 1, 1927	“	500.00	.....
“ “ “	June 1, 1928	“	500.00	.....
“ “ “	June 1, 1929	“	500.00	6,000.00
Departmental Equipment (1917)	July 1, 1918	Taxes	2,000.00	.....
“ “ “	July 1, 1919	“	1,700.00	.....
“ “ “	July 1, 1920	“	1,700.00	.....
“ “ “	July 1, 1921	“	1,700.00	.....
“ “ “	July 1, 1922	“	1,700.00	9,700.00
Streets and Drains (1917)	July 1, 1918	Taxes	4,500.00	.....
“ “ “ “	July 1, 1919	“	4,500.00	.....
“ “ “ “	July 1, 1920	“	4,500.00	.....
“ “ “ “	July 1, 1921	“	4,500.00	.....
“ “ “ “	July 1, 1922	“	4,500.00	22,500.00
Original Street Construc- tion (1917)	Aug. 1, 1918	Taxes	1,000.00	.....
“ “ “	Aug. 1, 1919	“	1,000.00	.....
“ “ “	Aug. 1, 1920	“	1,000.00	.....
“ “ “	Aug. 1, 1921	“	1,000.00	.....
“ “ “	Aug. 1, 1922	“	1,000.00	.....
“ “ “	Aug. 1, 1923	“	1,000.00	.....
“ “ “	Aug. 1, 1924	“	1,000.00	.....
“ “ “	Aug. 1, 1925	“	1,000.00	.....
“ “ “	Aug. 1, 1926	“	1,000.00	9,000.00
Sidewalks (1917)	Aug. 1, 1918	Taxes	6,000.00	.....
“ “ “	Aug. 1, 1919	“	6,000.00	.....
“ “ “	Aug. 1, 1920	“	6,000.00	.....
“ “ “	Aug. 1, 1921	“	6,000.00	.....
“ “ “	Aug. 1, 1922	“	6,000.00	30,000.00
Total bonds outstanding Jan. 1, 1918				1,932,300.00

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. 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 Equipment	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 Equipment	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	Sep. 1, 1919	S. F.	2,200.00	.....
" 96	Sep. 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
No. 121	May 1, 1920	Taxes	500.00	.....
" 6 Original Construction of Streets	May 1, 1920	"	600.00	.....
" 6 High School Equipment	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	.....

NOTES—Continued

	Due	How Pay-able	Amount	Total Each Year
" 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	.....
" 100	May 1, 1921	S. F.	1,200.00	.....
" 7 High School Equipment	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 Equipment	June 1, 1922	"	200.00	.....
" 124 and 125	Sep. 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 Equipment ...	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 Equipment ...	June 1, 1924	"	200.00	.....
No. 10 Wellington Road	Dec. 1, 1924	"	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..				\$213,239.30

NOTES IN ANTICIPATION OF REVENUE

Dated	April 24, 1917	Due	Jan. 15, 1918.....	\$50,000 00
“	June 26, 1917	“	Feb. 14, 1918.....	50,000 00
“	July 6, 1917	“	April 2, 1918.....	50,000 00
“	Aug. 3, 1917	“	April 18, 1918.....	50,000 00
“	Aug. 31, 1917	“	May 15, 1918.....	50,000 00
				\$250,000 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, 1918

	Issued Under Chap. Acts of		Out- standing	Sinking Funds
Notes Nos. 35 & 36 issued for Water Purposes		Outside Debt Limit	\$ 15,000.00	\$149,464.65
Water Fund	98 1893	" " "	128,000.00	
Public Building Loan	221 1898	" " "	115,000.00	115,000.00
	180 1893			
Sewerage Loan	{ 296 1909 } 306 1913	" " "	290,500.00	164,693.24
Public Playground Loan ..	28	" " "	41,500.00	8,138.44
Park Loan	{ 176 1898 } 338 1902	" " "	32,000.00	32,000.00
Met. Park Assn't	325 1902	" " "	27,000.00	13,972.88
School Loan of 1912	100 1912	" " "	155,000.00	
City Hall	486 1913	" " "	190,000.00	
Junior High School	370 1916	" " "	118,750.00	
Municipal Loan		Within Debt Limit	130,000.00	100,000.00
Lincoln Schoolhouse		" " "	45,000.00	33,428.65
City Stable		" " "	15,000.00	9,975.69
Schoolhouse Imp.		" " "	14,000.00	6,320.58
Schoolhouse Loan of 1908 ..		" " "	95,000.00	41,074.27
School Loan of 1911		" " "	54,000.00	
School Loan of 1912		" " "	15,000.00	
High Schoolhouse Addition ..		" " "	31,750.00	
High School Original Equip- ment		" " "	13,500.00	
Hancock Avenue Schoolhouse ..		" " "	46,750.00	
Junior High Schoolhouse		" " "	61,700.00	
Osgood Schoolhouse		" " "	23,500.00	
Fulton Heights Schoolhouse ..		" " "	1,500.00	
Fire Station Loan		" " "	9,000.00	
Departmental Equipment		" " "	18,500.00	
Playground Equipment		" " "	2,000.00	
Police Dept. Equipment		" " "	2,850.00	
Original Con. of Streets		" " "	11,900.00	
Street Construction		" " "	8,600.00	
Street Loan		" " "	26,100.00	
Forest Street		" " "	7,800.00	
Drainage Loan 1916		" " "	9,500.00	
Drainage Loan 1912		" " "	500.00	
Surface Drainage		" " "	26,000.00	
Sidewalks		" " "	7,200.00	
Playstead Road		" " "	300.00	
Playground 1914		" " "	15,600.00	
Extreme Emergency		" " "	1,000.00	
Sidewalk 1916		" " "	12,000.00	
Highway Dept. Equipment		" " "	4,300.00	
Hancock School		" " "	2,000.00	
Junior High School		" " "	2,000.00	
War Loan 1917		" " "	7,500.00	
Fire Loan 1917		" " "	36,000.00	
Osgood School 1917		" " "	6,000.00	
Departmental Equip't 1917		" " "	9,700.00	
Streets and Drains 1917		" " "	22,500.00	
Orig'l Con. of Streets 1917 ..		" " "	9,000.00	
Sidewalks 1917		" " "	30,000.00	
All notes (except Nos. 35 and 36)		" " "	198,239.30	122,612.62
			\$2,145,539.30	\$706,681.02
Debt outside limit	\$1,112,750.00			
Sinking Fund Applicable	483,269.21	629,480.79		
Debt within limit	1,032,789.30			
Sinking Fund applicable	313,411.81	719,377.49		
Net Debt		\$1,348,858.28		

DEBT DUE IN 1918

	Date	Payable from sink- ing Funds	Payable by Taxation
Water	Jan.	\$ 4,000.00	.....
School of 1912 .....	"	.....	\$ 5,000.00
High School Addition .....	"	.....	1,250.00
City Hall .....	"	.....	10,000.00
Municipal	"	100,000.00	.....
Note No. 42	"	12,000.00	.....
Note No. 43	"	1,939.30	.....
Note No. 44	"	1,300.00	.....
Note No. 45	"	12,000.00	.....
Note No. 134	Feb.	.....	1,000.00
Sewerage .....	"	.....	500.00
Surface Drainage	Mar.	.....	500.00
Osgood Schoolhouse .....	"	.....	1,500.00
Street .....	"	.....	2,900.00
Fire Loan	Apr.	.....	2,000.00
Note No. 119	May	.....	500.00
Playground .....	"	.....	2,500.00
Note No. 4, Original Construction of Sts.	"	.....	600.00
Note, High School Equipment	June	.....	500.00
Sewerage .....	"	.....	500.00
Forest Street .....	"	.....	1,200.00
Hancock Ave. Schoolhouse .....	"	.....	3,000.00
War Loan .....	"	.....	1,500.00
Osgood Schoolhouse .....	"	.....	500.00
Streets and Drains	July	.....	4,500.00
Departmental Equipment .....	"	.....	2,900.00
Water	"	4,000.00	.....
Playground .....	"	.....	200.00
School of 1912 .....	"	.....	6,000.00
High School Original Equipment .....	"	.....	1,500.00
Surface Drainage .....	"	.....	2,000.00
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, Sidewalk (1916)	Aug.	.....	7,000.00
Sewerage	"	10,000.00	.....
Playground .....	"	.....	1,500.00
Drainage (1916) .....	"	.....	500.00
Departmental Equipment (1916) .....	"	.....	3,000.00
Sidewalks .....	"	.....	1,000.00

DEBT DUE IN 1918—Continued

	Date	Payable from sinking Funds	Payable by Taxation
Playground Equipment	Aug.		\$ 500.00
Police Equipment	"		1,000.00
Public Building	"	80,000.00	
Original Street Construction	"		1,000.00
Sidewalks (1917)	"		6,000.00
Sewerage	Sep.		500.00
School of 1911	"		4,000.00
High School Addition	"		1,000.00
Hancock Ave. Schoolhouse	"		250.00
Sidewalks	"		2,000.00
Street Construction	"		1,000.00
Sidewalks (1916)	"		3,000.00
Junior High School	Oct.		500.00
Departmental Equipment (1915)	"		700.00
Hancock Schoolhouse	"		500.00
Sidewalks	"		400.00
Junior High School	"		3,300.00
Note No. 63	"	4,500.00	
Note No. 64	"	3,000.00	
Highway Dep't Equipment (1916)	"		2,500.00
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. 4, Sidewalk	"		500.00
Note No. 4, Wellington Road	"		500.00
Note No. 65	"	8,000.00	
Surface Drains (if issued)	"		500.00
War Emergency (if issued)	"		1,000.00
Fire Loan (if issued)	"		500.00
		\$240,730.30	\$117,400.00

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 1917 the tax limit at \$13.75 "on every \$1000 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 1915 was	\$31,247,975 00
The Net valuation of the City of Medford for 1916 was	33,621,917 00
The Net valuation of the City of Medford for 1917 was	36,373,600 00
	<hr/>
	3) 101,243,492 00
	<hr/>
Average valuation	33,747,830 66
	13.75
	<hr/>
	168739150
	236234810
	101242490
	33747830
	<hr/>
Assessed at \$13.75 per \$1.000 gives	\$464,031 66

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
\$33,747,830.00 is \$843,695 75

Total debt of all kinds..... \$2,145,539 30

Debts Outside Debt Limit:

City Hall, Acts

1913, Chap. 486 \$190,000 00

Junior High
School, Acts

1916, Chap. 370, 118,750 00

Water Debt, au-
thority, Gen-
eral Statues...

15,000 00

Water Debt, Acts

1893, Chap. 198, 128,000 00

Public Building
Loan, Acts

1898, Chap. 221 115,000 00

Sewerage Loan,
Acts 1893, Chap.

180, Acts 1909,
Chap. 296, Acts
1913, Chap. 306, 290,500 00

Park Loan, Acts
1898, Chap. 176
and Acts 1902,

Chap. 338 32,000 00

Met. Park Assessment, Acts 1902, Chap. 325.....	\$27,000 00	
Playground Loan, R. L. Chap. 28	41,500 00	
School Loan, Acts 1912, Chap. 100,	155,000 00	\$1,112,750 00
<hr/>		
Total debt within Debt Limit..	\$1,032,789 30	
Deduct Sinking Funds applicable to debt within limit....	313,411 81	
<hr/>		
Net debt to be reckoned in determining debt limit		\$719,377 49
<hr/>		
Borrowing capacity Jan. 1, 1918	124,318 26	
Deduct amount authorized but not issued	15,000 00	
<hr/>		
True borrowing capacity	\$109,318 26	
The bonds authorized but not issued are for:		
Surface Drains	\$5,500 00	
Repair Shop, Fire Dp't.	5,500 00	
War Emergency	4,000 00	
<hr/>		
		\$15,000 00

PUBLIC PROPERTY

Assessors' Valuation, April 1, 1917
(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
	\$94,900 00
Total of Ward 1.....	

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	83,000 00
42,280 feet land, Park street, corner Wash- ington street	14,800 00

56,758 feet land, Magoun Park	\$ 14,200 00
Block No. 92 to 96, Washington street	3,000 00
Stable, Washington street	200 00
Schoolhouse, Fulton street	1,500 00
	<hr/>
Total of Ward 2	\$239,150 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 avenue and Bradlee road	68,900 00
550 sq. feet land, Governors avenue, cor. High Center Schoolhouse	300 00
30,112 ft. land, High St., to Grand View Ave. Public Library	25,000 00
Public Library Annex	12,050 00
16,450 feet land, High street	20,000 00
13,566 feet land, High street	4,500 00
Brooks Schoolhouse	4,950 00
83,960 feet land, High street, cor. Allston St.	4,750 00
15,146 sq. ft. land, High street, cor. Main street to River	68,000 00
58,000 feet land, Hastings Heights, Allston St.	21,000 00
Almshouse	45,450 00
Stable	14,500 00
	25,000 00
	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
18,905 feet land, Governors avenue to Grand View avenue	3,800 00
<hr/>	
Total of Ward 3	\$1,035,950 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	6,500 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	1,200 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	55,000 00
	<hr/>
Total of Ward 4	\$323,150 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, cor- ner 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
Fire Station	12,000 00
11,340 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	\$153,250 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	4,000 00
8,270 feet land, lot 15 White Plan, Spring St.	1,250 00
New Osgood Schoolhouse	60,000 00
47,760 feet, Fourth street	8,100 00
51,040 feet land, Hall street	50 00
	<hr/>
Total of Ward 7.....	\$117,250 00

Totals by Wards

(All Parks and Cemeteries included.)

Ward 1	\$ 94,900 00
Ward 2	239,150 00

Ward 3	\$1,035,950 00
Ward 4	323,150 00
Ward 5	171,600 00
Ward 6	153,250 00
Ward 7	117,250 00
	<hr/>
Total	\$2,135,250 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/>
		\$1,960,650 00

Report of Highway Department

Medford, January 2, 1918.

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

Dear Sir :—

In response to your request, and in compliance with the City Charter, I submit the following report of the work done in the Street and Moth Departments, for the fiscal year 1917 :

RECOMMENDATIONS

Collection of Offal

We are very much in need of a receiving station for our offal collections, as the present arrangements are very unsatisfactory.

As soon as finances will allow, an appropriation should be made to place this part of the department on a modern and economical basis.

Collection of Ashes

I can only repeat, as last year, that this branch has increased in such a manner, as to look almost unreasonable, but the report of the loads collected speak for themselves.

Bridges

The bridge at South and Winthrop streets, still remains to be taken care of.

This matter has been reported for several years, but, up to the present time, the danger signs are still posted at either end.

General Repairs of Highways

This branch of the street department has to bear all the extra burdens of street work, where no special appropriations are made; such as, cleaning streets and cleaning of basins and drains; snow work, sanding sidewalks and picking ice; city yard and ledge; street repairs, section men, etc.; most all of which is money spent and nothing to show for it.

Sidewalks and Edgestones

This work should be carried on as rapidly as finances will allow, as with good sidewalks will follow good streets.

Guide Boards and Street Signs

Signs should be placed on all streets, and old and disfigured signs removed.

Gravel Sidewalks

This appropriation is for the caring of all sidewalks, other than permanent and is very necessary in the fall and spring of the year.

Snow Removed

This part of the street work has to be carried along by the account of General Repairs of Highways, which means that less work can be done on the maintenance of our streets, on account of there being no appropriation for the snow removal.

Trees

Considerable dead wood and many trees have to be removed during the year, as well as pruning, setting out and caring for new trees.

Gypsy and Brown Tail Moths

The work done by this branch of the department is carried along in a careful and conscientious manner.

I think the City of Medford is in a good, clean condition, and will bear inspection by the best critics in this line of work.

Our appropriation has been small, nevertheless good results have been accomplished.

City Ledge

Owing to a fire and later to a serious accident, there has been no work done at the ledge, during the winter.

There will have to be a new engine and considerable repairs made before the crusher will be able to produce material for this year's work.

New Drains

A number of new drains were built this year.

We need as many more during 1918, so that we can keep our streets in good condition, as, with proper drainage, even a gravel or dirt road can be maintained to a better advantage, in stormy weather.

Bridges

Appropriation		\$450 00
Payroll	\$ 207 64	
Lumber	242 36	\$450 00

Collection of Ashes

Appropriation	\$16,000 00
Henry Risman	621 52

Miscellaneous credits		\$ 24 00
		<hr/>
		\$16,645 52
Payroll	\$13,169 90	
Teaming	3,461 90	
Tools and repairs	300 30	
Printing	38 75	
Miscellaneous	16 50	\$17,302 39
	<hr/>	<hr/>
Overdrawn		\$ 656 87

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

ASHES			
YEAR	Single loads	Double loads	Truck loads
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
1917.....	12,291	2,457	1,051
PAPER			
1915.....	1,055	15	
1916.....	1,075	12	
1917.....	839		

Collection of Offal

Appropriation		\$ 9,000 00
Mrs. Mary Cummings		3,200 00
		<hr/>
		\$12,200 00
Pay roll	\$9,974 50	
Teaming	1,911 20	
Tools and repairs	300 30	
Miscellaneous	14 00	\$12,200 00
	<hr/>	<hr/>

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

Year	Single loads	Double loads
1912	2,053	
1913	2,144	
1914	2,221	
1915	2,350	
1916	2,635	
1917	2,737	4

General Repairs of Highways

Balance from 1916		\$ 284 63
Appropriation		19,934 00
Miscellaneous credits		13,236 03
		<hr/>
		\$33,454 66
Payroll	\$32,326 98	
Invoices	14,477 85	
	<hr/>	
	\$46,804 83	
Expenditures		\$46,804 83
Credits		33,454 66
		<hr/>
Overdrawn		\$13,350 17

General Repairs of Highways Bills Itemized

Crusher Maintenance:

Coal	\$ 692 77	
Dynamite	356 44	
Tools	120 67	
Water	73 82	
Insurance, inspection ..	46 30	
Weights books	7 50	\$1,297 50
	<hr/>	

Forage and Veterinary:

Oats	\$ 3,548 38	
Hay	1,885 50	
Miscellaneous feeds	174 79	
Veterinary	133 31	\$ 5,741 96
	<hr/>	

Miscellaneous Bills:

Emergency bills	\$ 302 20	
Insurance	192 98	
Doctor	32 00	
Miscellaneous	15 00	
Repairs on fence	13 65	
Stock	11 00	\$ 566 83
	<hr/>	

Office Expenses:

Supplies	\$ 289 35	
Telephones	120 56	\$ 409 91
	<hr/>	

Stable Maintenance:

Repairs on wagons, auto- mobiles, harnesses, oils and gasoline	\$ 2,743 14	
Stock and repairs	475 45	
Shoeing	264 65	
Lumber	183 10	
Coal	182 84	
Water	158 97	
Light	125 70	
Telephone	51 59	\$ 4,185 44
	<hr/>	

Steam Roller Expenses:

Insurance and inspection	\$	100 12	
Repairs		82 16	\$ 182 28
		<hr/>	

Tools and Equipments:

Tools	\$	1,242 79	
Binders and oils		793 37	
Lumber		57 75	\$ 2,093 91
		<hr/>	

Amount of Stone Furnished by the City Crusher during 1917

	Pounds	Tons
Miscellaneous and new drains....	981,100	490.55
New streets	8,342,120	4,171.06
Patching streets	4,995,825	2,497.9125
Sidewalks and outside charges....	2,955,285	1,477.6425
	<hr/>	<hr/>
Total	17,274,330	8,637.165
Total of 8,637.165 tons.		

Patching Streets

Street	Crushed stone	
	Pounds	Tons
Almont street	28,400	14.2
Arlington street	21,100	10.55
Auburn street	113,250	56.625
Boston avenue	8,550	4.275
Bradbury avenue	6,850	3.425
Brookings street	7,450	3.725
Brooks street	9,500	4.75
Canal street	56,000	28.
Capen street	5,150	2.575
Central avenue	468,150	234.075
Century road	61,550	30.775

Cherry street	12,950	6.475
City yard	2,250	1.125
Crusher road	58,100	29.05
Douglas road	161,150	80.575
Fourth street	27,950	13.975
Franklin street	7,550	3.775
Grant avenue	7,450	3.725
Grove street	52,800	26.4
Harvard avenue	7,700	3.85
Harvard street	35,750	17.875
High street	5,000	2.5
Hillsdale road	13,100	6.55
Hooker street	30,100	15.05
Jackson road	6,800	3.4
Jerome street	7,000	3.5
Lambert street	6,850	3.425
Lawrence street	20,300	10.15
Main street	23,800	11.9
Marshall street	7,500	3.75
Middlesex avenue	301,460	150.73
Myrtle street	95,000	47.5
Newbern avenue	63,700	31.85
North street	20,000	10.
Park street	58,350	29.175
Playstead road	316,000	158.
Pleasant street	7,100	3.55
Prescott street	19,950	9.975
Riverside avenue	633,000	316.5
Sagamore avenue	7,900	3.95
Salem street	555,125	277.5625
Sheridan avenue	14,250	7.125
Spring street	70,900	35.45
Sumner avenue	7,300	3.65
Swan street	36,000	18.
Third street	8,000	4.
Ward six	6,900	3.45
Washington street	69,300	34.65

Wellington road	600	.3
West Medford	6,900	3.45
Winthrop street	1,204,840	602.42
Yale street	213,200	106.6

Total 4,995,825 2,497.9125

Total 4,995,825 pounds of crushed stone, or 2,497.9125 tons of crushed stone.

Guide Boards and Street Signs

Appropriation		\$ 200 00
Payroll	\$ 51 48	
Signs	84 27	
Lumber	64 25	\$ 200 00

New signs have been placed as follows:

Single	Special	Double
Allston court	Central avenue	Boston avenue (2)
Ashland place	Daniels street	Grove street
Bristol road	Harvard avenue	Johnson avenue
Bowen avenue (2)	High street	Private Way
Capen street	Medford street	Jackson road
Cottage street	Middlesex avenue	Oak Bluff
Emery street	Myrtle street	
Florence street	Winthrop St. (2)	
Haines square		
Higgins avenue		
Kilgore avenue	14 private way signs	
Magoun avenue		
Newbern avenue		
Stanley avenue		
Swan street		
Walnut street		
Washington street		

Washington square
 Wicklow avenue
 William street
 21—single signs
 4—double signs
 2—private way signs
 9—special signs
 14—special private way signs
 —
 50—total

Sidewalks and Edgestones

Balance from 1916		\$12,890 95
Appropriations		32,000 00
Sidewalks put in on application.....		1,612 13
Apportionments paid in advance		1,555 08
Miscellaneous credits		150 90
Almont street assessment..	\$ 1,372 71	
Brookings street assessment	1,880 60	
Forest street assessment...	175 14	
Harvard avenue assessment	1,743 84	
Harvard street assessment..	2,576 41	
High street assessment	1,121 35	
Hillsdale road assessment...	2,347 97	
Lambert street assessment..	1,239 28	
Malden street assessment...	513 20	
Main street assessment.....	778 50	
Marion street assessment...	3,142 04	
Newcomb street assessment.	374 93	
Park street assessment.....	1,105 47	
Quincy street assessment...	548 58	
Sheridan avenue assessment	1,021 49	
Woburn street assessment..	489 76	
		<hr/>
		\$20,431 27
		<hr/>
Total		\$68,640 33

Payroll	\$ 16,539 73	
Contract work	8,222 71	
Edgestone	11,609 94	
Sidewalks apportioned.	8,067 07	
Cement	1,966 92	
Crushed stone.....	1,913 79	
Engineering labor	648 07	
Teaming	610 58	
Gasoline	522 33	
Truck hire	373 87	
Cinders	322 50	
Insurance	210 90	
Allowance on granolithic	199 22	
Stock	193 92	
Loam	84 50	
Miscellaneous	60 70	
Repairs on sidewalks ..	73 20	
Sand	40 50	
Lumber	30 31	
Advertising	28 63	\$51,719 39
	<hr/>	<hr/>
Balance		\$16,920 94

17,134.9 feet edgestone laid in 1917.

5,510.8 square yards granolithic walks built in 1917.

Sidewalks Ordered in During 1917

STREETS	Edgestones		Granolithic Corner	
	Straight	Circle	Sq. Yds.	Block
Bowen avenue	1 254.00	53.5	.....	..
Bowen avenue	1,50.0	53.5	.....	..
Brookings street	880.3	26.	876.25	..
Burnside street	1,650.7	54.1	.....	..
Dexter street .....	.....	.....	263.45	..
Ellis avenue	760.2	77.	.....	..
Harvard avenue	1,703.8	301.1	.....	..
Harvard street	1,258.8	80.8	343.16	1
High street .....	.....	.....	506.28	..
Hillsdale road .....	.....	.....	1,055.51	..
Kilgore avenue	1,345.5	26.	.....	..
Lapham street	441.1	51.4	.....	..
Main street .....	.....	.....	261.18	..
Newcomb street .....	.....	14.2	182.21	..
Park street .....	.....	31.6	476.7	..
Pinkert street	403.3	88.4	.....	..
Princeton street .....	.....	2,109.7	159.	..
Quincy street .....	.....	.....	316.31	..
Riverside avenue	1,797.	104.	.....	..
	<hr/>	<hr/>	<hr/>	<hr/>
	14,286.	1,184.7	4,281.05	1

Straight edgestone14,286.0 feet
 Circle edgestone 1,184.7 feet
 Granolithic sidewalks 4,281.05 square yards
 Corner blocks 1.

Sidewalks Built on Petition During 1917

STREET	Edgestones		Granolithic square yards
	straight	circle	
	feet		
Arlington street	120.	.....	70.98
Bow street, cor. Dexter street ..	52.	.....	40.
Bristol road .....	.....	.....	69.25
Central avenue .....	.....	.....	62.6
Dexter street .....	.....	.....	103.66
Dudley street, cor. Central avenue .....	.....	.....	60.13
Garfield avenue .....	.....	.....	32.57
Grove street	146.4	54.2	61.77
High street, cor. Warren street..	20.7	26.2	45.
Lewis street	153.8	.....	.....
Manning street .....	.....	.....	161.20
Oakland street .....	.....	.....	70.84
Quincy street .....	.....	.....	76.42
Salem street .....	.....	.....	39.46
Warren street, cor. High street..	43.1	.....	47.2
Wheeler avenue	43.8	.....	24.97
Woburn street .....	.....	.....	48.73
Wolcott street .....	.....	.....	59.44
Wyman street, cor. Wolcott St...	.....	.....	59.44
	<hr/>	<hr/>	<hr/>
	588.8	80.4	1,229.75
Straight edgestone	588.8	feet	
Circle edgestones	80.4	feet	
Granolithic sidewalks	1,229.75	square yards	

Sidewalks and Edgestones

Street	Crushed Stone	
	Pounds	Tons
Albion street	55,660	27.83
Arlington street	32,750	16.375
Ashland street	9,150	4.575
Boston avenue	32,000	16.
Bowdoin street	20,750	10.375
Bowen avenue	9,750	4.875
Bower street	22,850	11.425
Bradbury avenue	23,400	11.7
Braemore road	51,340	25.67
Bristol road	6,950	3.475
Brookings street	71,750	35.875
Brooks park	7,400	3.7
Brooks street	33,100	16.55
Burnside street	55,100	27.55
Central avenue	8,150	4.075
Chester avenue	7,000	3.5
Court street	13,750	15.875
Douglas road	13,350	6.675
Ellis avenue	15,250	7.625
Fells avenue	5,550	2.775
Fulton street	4,900	2.45
Gorham road	12,700	6.35
Governors avenue	14,650	7.325
Grant avenue	38,100	19.05
Greenleaf avenue	15,150	7.575
Grove street	53,700	26.85
Harvard avenue	115,650	57.825
Harvard street	476,395	238.1975
Henry street	19,800	9.9
High street	108,200	54.1
Irving street	14,800	7.4
Joseph street	28,550	14.275

Kilgore avenue	55,040	27.52
Lambert street	7,150	3.575
Lewis street	13,300	6.65
Leyden street	35,450	17.725
Main street	48,150	24.075
Main street, Engine House	40,500	20.25
Maple avenue	7,200	3.6
Marshall street	42,250	21.125
Marston street	28,800	14.4
Medford square	196,000	98.
Middlesex avenue	30,150	15.075
Morton avenue	7,800	3.9
Mystic avenue	6,900	3.45
Mystic street	7,400	3.7
North street	14,050	7.025
Paris street	71,000	35.5
Park street	6,000	3.
Park street court	6,950	3.475
Pinkert street	15,650	7.825
Playstead road	26,600	13.3
Powder House road	4,350	2.175
Princeton street	34,500	17.25
Quincy street	72,550	36.275
Riverside avenue	52,200	26.1
Sagamore avenue	10,150	5.075
Salem street	28,000	14.
Second street	21,120	10.56
Sheridan avenue	6,320	3.16
Stanley avenue	18,250	9.125
Temple street	18,250	9.125
Third street	30,630	15.315
Tontine street	6,050	3.025
Touro avenue	38,200	19.1
Vernon street	6,400	3.2
Warren street	29,900	14.95
Wellington road	6,450	3.225
Wheeler avenue	6,950	3.225
Winthrop street	18,550	9.275

Woburn street	14,200	7.1
Wolcott street	21,500	10.75
Yale street	7,000	3.5
	<hr/>	<hr/>
Total	2,533,455	1,266.7275

Total 2,533,455 pounds of crushed stone, or 1,266.7275 tons of crushed stone.

Gravel Sidewalks

Appropriation		\$ 800 00
Payroll	\$ 727 28	
Miscellaneous	72 72	800 00
	<hr/>	<hr/>

Surface Drains

Balance from 1916		\$ 5,075 79
Appropriations		8,000 00
Miscellaneous credits		38 00
		<hr/>
		\$13,113 79

Payroll	\$ 7,110 24
Grates, frames	1,055 90
Bricks	622 00
Pipe	547 71
Gasoline	290 02
Shovels	104 99
Engineering labor	103 91
Truck hire	49 37
Lumber	45 20
Repairing shoes	41 92
Stone chips	40 00
Crushed stone	40 00
Boxes and houses	30 00
Cement	23 40
Lantern globes	17 50

REPORT OF HIGHWAY DEPARTMENT

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Lowering connection ..	\$	6 96	
Doctor		4 00	
Lime		3 60	
Teaming		3 51	
Setting glass		80	\$10,141 03
			<hr/>
Balance			\$ 2,972 76

Surface Drains Built in 1917

STREET	LOCATION From	To	Length of Pipe	Size Inches
Boston avenue	Mystic River	Holton street.....	800	12
Burnside street	Central avenue	Lawrence street	250	12
Court street	Lewis street, northerly		175	12
Evans street	Central avenue, southerly		390	12
Harvard avenue	Mystic River	Bowers street	2,215	12
Hooker street	Spring street	Sheridan avenue	500	12
Jerome street	Fairfield street, northerly		110	12
Pooler street	Central avenue, southerly		215	12
		Total	4,055	

New drains built in 1917, 4,055 feet.

Original Construction of Streets

Balance from 1916	\$ 7,655 53
Appropriation	9,000 00
Transferred from Street Construction	7,000 00

\$23,655 53

Payroll	\$ 7,191 24	
App. Revoked	7,000 00	
Oils	4,686 48	
Crushed stone	2,254 09	
Coal	942 92	
Edgestone	620 37	
Tools and repairs	271 09	
Gasoline and kerosene ..	269 75	
Truck repairs	237 38	
Engineering labor	68 37	
Traps	48 00	
Miscellaneous	33 00	
Teaming	25 84	
Doctor	7 00	\$23,655 53

Court Street

Edgestone, to the amount of 995 feet of straight stone, has been placed on both sides of Court street, from Tainter street to beyond Lewis street, leaving this job to be completed this spring.

Street Construction

Appropriation		\$20,000 00
Payroll	\$ 4,051 20	
Grant and Harvard ...	7,000 00	

REPORT OF HIGHWAY DEPARTMENT

Crushed stone	\$ 2,459 29	
Oils	1,655 07	
Coal	362 59	
Gasoline and kerosene..	128 25	
Labor on truck	20 10	
Engineering labor	3 96	\$15,680 46
	<hr/>	<hr/>
Balance		\$ 4,319 54

NEW STREETS BUILT DURING 1917

LOCATION	FROM	TO	Sq. Yds. Roadway
Dartmouth street	Yale street	Bowdoin street	1,390
Fells avenue	Fellsway West	End of accepted portion....	1,540
Gleason street	End old accepted portion	Clewley road	1,175
Harvard avenue	Mystic river	Bowers street	6,500
Harvard street	Main street	Dartmouth street	1,222
Johnson avenue	High street	Grove street	3,305
Marston street	Summer street	George street	3,095
Princeton street	Dartmouth street	Colby street	3,400
Second street	Middlesex avenue	Cradock avenue	1,655
Wright avenue	Main street	Willis avenue	1,850
		Total	25,132
			Square yards roadway

REPORT OF HIGHWAY DEPARTMENT

Watering Streets

Assessment for 1917	\$18,524 48
Miscellaneous credits	750 87
	<hr/>
	\$19,275 35

Payroll	\$ 1,953 67	
Oils	15,243 36	
Repairs	1,750 54	
Engineering labor	179 66	
Tools and repairs	68 74	
Miscellaneous	52 05	
Abatements in 1917	27 33	\$19,275 35
	<hr/>	<hr/>

The length of streets watered is about 50.52 miles; the area watered is about 837,970 square yards.

The rate is four cents per front foot.

Trees

Appropriation	\$ 800 00
Miscellaneous credits	27 75
	<hr/>
	\$ 827 75
Payroll	\$ 616 73
Trees	120 00
Sharpening saws	39 55
Lumber	24 75
Loam	22 00
Tools	4 72
	<hr/>
	\$ 827 75

There were one hundred (100) sugar maples set out and protected, in different sections of the city.

Paving Gutters

Appropriation		\$ 200 00
Payroll	\$ 200 00	\$ 200 00

Stone Bounds

Appropriation		\$ 50 00
Payroll	\$ 44 52	
Engineering labor	5 48	\$ 50 00

Gypsy and Brown Tail Moths

Balance from 1916		\$ 943 21
Appropriations		2,500 00
Assessment for 1917		765 30
Miscellaneous credits		115 40

\$ 4,323 91

Payroll	\$ 3,535 27	
Lead	80 25	
Tools	40 28	
Advertising	21 00	
Sharpening saws	15 30	
Miscellaneous	10 00	3,702 10

 Balance

		\$ 621 81
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Permits

Permits to the number of four hundred and seventy-four have been issued this year, as follows:

Bay State Street Railway Company	5
Boston Elevated Railway Company	22

Boston & Maine Railroad	2	
Crossing sidewalks	29	
Displaying banner	1	
Erecting canopy	4	
 Malden Electric Company:		
Replace poles	132	
Locate poles	22	
Manhole and underground	10	
Remove poles	10	
Setting poles	7	
Straighten poles	4	
Cementing poles	4	
		189
 Malden & Melrose Gas Light Company:		
New services	96	
Extending mains	12	
Repairing leaks	12	
Cutting in tee	11	
Relaying services	9	
Laying gas main	4	
Repairing main	2	
New mains	1	
Locating leaks	1	
		148
Metropolitan Sewerage Works		1
Move concrete mixer		1
Move steam roller		2
 New England Telephone & Telegraph Co:		
Conduits and manholes	25	
Underground work	7	
Replace poles	5	
Place reels	5	
Setting poles	4	
Remove poles	2	
Building connection	1	
		49

Occupy streets	17
Open sidewalks	1
Open streets	2
Repairs on buildings	1
	<hr/>
Total	474

An appropriation for the sum of \$10,000.00 was asked for, in the budget last year, to take care of the half-holidays and the vacations.

This appropriation was not allowed.

The costs of the half-holidays and the vacations were as follows:

Half-holidays	\$6,740 57
Vacations	3,315 00
	<hr/>
Total	\$10,055 57

Therefore, the above amount had to be taken from the different appropriations on which these men worked.

The total expenditures of this department, for the year 1917, were:

Payrolls	\$ 97,680 93
Invoices for materials ..	90,219 79
	<hr/>
Total	\$187,900 72

I wish, at this time, to thank the whole department for their good work and co-operation during the year.

Respectfully submitted,

H. G. KENNEDY,

Street Commissioner.

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, 1917:

WATER LOAN SINKING FUND

Receipts

1917	
Jan. 1.	Cash on hand \$13,981 29
	Income from investments 5,557 50
	Interest on bank deposit 141 73
	Medford bond matured 1,000 00
Feb. 1.	West End St. Ry. Co. bonds matured 5,000 00
July	Medford bonds matured 6,000 00
Aug.	Medford bonds matured 4,000 00
Dec. 15	Sold to City Notes account \$3,000. Medford 4 per cent.

MEDFORD HISTORICAL SOCIETY.

REPORT OF COMMISSIONERS OF SINKING FUNDS 197

note due Oct. 1, 1918, and interest	\$	3,025 00	
			\$38,705 52

Disbursements

Jan. 1.	Paid to City the income for 1916...	\$ 6,135 78	
	Paid to City for bonds maturing ..	2,000 00	
July 1	Paid to City for bonds maturing ..	3,000 00	
Apr. 18	Bought of Municip- al acct., \$2,000. Medford 4 per cent. bonds due July 1, 1917 and interest	2,024 00	
Apr. 20	\$4,000 Medford 4 per cent. bonds due Aug. 1, 1919 and interest	4,073 88	
Apr. 20	\$7,000 Minneapolis 4 per cent. bonds, due June 15, 1920 and interest	7,035 54	
July 5	Bought \$3,000. Med- ford 4 per cent. bonds due July 1, 1921 @ .99 and in- terest	2,971 67	\$27,240 87
Jan. 1, 1918.	Cash on hand		\$11,464 65

Water Loan Fund invested as follows:

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

198 REPORT OF COMMISSIONERS OF SINKING FUNDS

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....	13,000 00
Medford four per cent. Water Bonds, due December 1, 1922	5,000 00
Medford Sewer, four per cent. Bonds, due August 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. 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	
Town of Winchester four per cent. bond, due Dec. 1, 1921	2,000 00	
Medford four per cent. bonds, due Aug. 1, 1919	4,000 00	
Minneapolis four per cent. bonds, due Jan. 15, 1920	7,000 00	\$138,000 00
<hr/>		
Jan. 1, 1918 Total cash and securities		\$149,464 65

PUBLIC BUILDING LOAN SINKING FUND

Receipts

1917.		
Jan. 1	Cash on hand	\$ 500 00
	Income from invest- ments	4,745 00
	Int. on bank deposit	81 23
Feb. 1	West End Street Ry. Co. bonds matured	10,000 00
	Medford bond matured	1,000 00
May 1	Medford bond matured	500 00
Aug. 1	Medford bond matured	1,500 00
Oct. 1	Terre Haute bond ma- tured	8,000 00
Nov. 1	Buffalo bond matured	5,000 00
Dec. 8	Transferred to City Notes acct. as part of surplus:	
	Medford 4 per cent. bonds, due Aug. 1, 1919	4,000 00
	Medford 4 per cent. bonds, due May 1, 1919	500 00
		\$35,826 23
<hr/>		

Disbursements

Feb. 1	Bought of Municipal account: \$10,000 West End St. Ry. Co. 5 per cent. bonds, due Aug. 1, 1918	\$	10,000	00	
Apr. 20	\$3,000 Minneapolis four per cent. bonds, due June 1, 1918 and int.		3,046	67	
Dec. 1	\$3,000 Minneapolis four per cent. bonds, due June 1, 1918		3,000	00	
Dec. 31	\$5,000 Boston & Prov. R. R. Co. four per cent bonds, due July 1, 1918		5,000	00	
Dec.	\$5,000 Omaha four and one-half per cent. bonds, due March 1, 1918 and interest		5,050	00	
Oct. 23	Bought \$5,000 Liberty Loan No. 2 four per cent. bonds		5,000	00	
Dec. 8	Transferred surplus to City Notes acct.		4,729	56	\$35,826 23
			<hr/>		
Jan. 1, 1918,	Cash on hand		00000	00	
Public Building Loan Fund invested as follows:					
Medford	four per cent. note, due May, 1918	\$	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, due Feb. 1, 1918	\$ 1,000 00	
Medford four per cent. bonds, due Jan. 1, 1918	3,000 00	
City of Medford four per cent. bonds, due Aug. 1, 1919	6,000 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.....	15,000 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	
Boston and Providence R. R. four per cent. bonds, due July 1, 1918	13,000 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 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	
Omaha four and one-half per cent bond, due Mar. 1, 1918	5,000 00	
Liberty Loan No. 2 four per cent. bonds	5,000 00	
West End St. Ry. Co. five per cent. bonds, due Aug. 1, 1918	10,000 00	\$115,000 00
	<hr/>	<hr/>
Jan. 1, 1918, Total securities		\$115,000 00

MUNICIPAL LOAN SINKING FUND

Receipts

1917.		
Jan. 1	Cash on hand	\$20,617 85
	Income from invest- ments	7,773 28
	Interest on bank deposit	646 87
	Chicago bonds ma- tured	10,000 00
Feb. 1	West End St. Ry. Co. bonds matured	14,000 00
Feb. 15	Minneapolis bonds ma- tured	2,000 00
Apr. 1	Quincy bonds matured	2,000 00
	Minneapolis bonds ma- tured	5,000 00
May	Medford bonds matured	45,600 00
	Quincy bonds matured	1,000 00
	St. Paul bonds matured	3,000 00
	Des Moines bonds ma- tured	15,000 00
June	Taunton bonds matured	15,000 00
July	Boston bonds matured	4,000 00
	Hyde Park bonds ma- tured	4,000 00
	Meriden bonds matured	5,000 00
Aug.	Fall River bonds ma- tured	1,000 00
	Wrentham bonds ma- tured	2,000 00
Sept.	Medford bonds matured	2,000 00
Nov.	Buffalo bonds matured	5,000 00
	Sold to City Notes Acct.:	
Apr. 16	\$3,239 30 Medford four per cent. notes, due Jan. 1, 1918, and int...	3,288 25

Dec. 15	\$4,500 Medford four per cent. notes, due Oct. 1, 1918 and int...	\$ 4,530 00
Apr. 30	\$1,200 Medford four cent. bond, due May 1, 1919	1,200 00
Dec.	\$7,000. Am. Tel. & Tel. Co., due July 1, 1929, four per cent. bonds transferred as part of surplus	7,000 00
Dec. 15	Sold to Sewerage acct.: \$6,000. Medford four per cent. bonds, due Aug. 1, 1920 and int.	6,100 00
Apr. 16	\$15,000 Medford four per cent. bonds, due Aug. 1, 1917 and int.	15,126 66
Apr. 18	\$8,000. Am. Tel & Tel. Co. four per cent. bonds, due July 1, 1929 and int.	8,096 00
Dec. 31	\$6,000. Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929	6,000 00
Apr. 20	Sold to Water acct.: \$4,000 Medford four per cent. bond, due Aug. 1, 1919 and int.	4,035 54
	\$7,000 Minneapolis four per cent bond, due Jan. 15, 1920 and int....	7,073 88
Apr. 18	\$2,000. Medford four per cent. bond, due July 1, 1917, and int...	2,024 00

	Sold to Public Building acct.:	
Apr. 20	\$3,000. Minneapolis four per cent. bonds, due June 1, 1918 and int...	\$ 3,046 67
Dec. 1	\$3,000. Minneapolis four per cent. bonds, due June 1, 1918	3,000 00
Dec. 31	\$5,000. Boston & Providence four per cent. bond, due July 1, 1918	5,000 00
Dec. 1	\$5,000 Omaha four and one-half per cent. bonds, due March 1, 1918 and int.	5,050 00
Feb. 1.	\$10,000 West End St. Ry. Co. five per cent. bonds, due Aug. 1, 1918	10,000 00
	Sold to Schoolhouse 1908:	
Dec. 31	\$4,000 Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929	4,000 00
Apr. 18	Sold to Park acct.:	
	\$2,000 Am. Tel & Tel. Co., four per cent. bonds, due July 1, 1929 and int.	2,024 00
		<u>\$261,233 00</u>

Disbursements

1917.		
Apr. 1	Bought of Park acct.:	
	\$1,000 Medford four per cent. bond, due May 1, 1917 and int.	\$ 1,018 00
May 1	Paid to City to redeem bonds maturing	198,000 00

Dec.	Transferred surplus to City Notes acct.....	\$ 7,215 00	\$206,233 00
		<hr/>	<hr/>
Jan. 1, 1918.	Cash on hand deposited in Nat.		
	Shawmut Bank	\$ 55,000 00	
	Municipal Loan securities invested as follows:		
	Medford four per cent bonds, due Jan 1, 1918	\$33,000 00	
	Chicago four and one-half per cent. bonds, due Jan. 1, 1918	1,000 00	
	Chicago four and one-half per cent bonds, due Jan. 1, 1919	1,000 00	
	Troy four and one-half per cent. bonds, due Feb. 1, 1918	5,000 00	
	Gloucester four per cent. bonds, due Apr. 1, 1918	1,000 00	
	Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929	4,000 00	\$45,000 00
		<hr/>	<hr/>
Jan. 1, 1918.	Total cash and securities		\$100,000 00

SEWERAGE LOAN SINKING FUND

Receipts

1917.			
Jan. 1	Cash on hand	\$14,545 08	
	Income from Invest- ments	6,196 00	
	Interest on bank deposit	193 63	
	Appropriation from taxes	3,820 00	
Feb. 1	Quincy bonds matured	3,000 00	
June 1	Medford bonds matured	1,700 00	
July 1	Medford bonds matured	700 00	
Aug. 1	Medford bonds matured	16,000 00	
Nov. 1	Medford bonds matured	1,400 00	

Apr. 12	Sold to Lincoln Schoolhouse Acct.:		
	\$2,200 Medford four		
	per cent. bonds, due		
	Sept. 1, 1919, and int.	\$	2,210 26
Dec. 31	\$2,700 Medford four		
	per cent. bonds, due		
	July 1, 1919		2,700 00
Apr. 12	Sold to Metropolitan		
	Park Assessment acct.:		
	\$1,200 Medford four		
	per cent. bond, due		
	June 1, 1920, and int...		1,217 60
July 31	Sold to City Notes Acct.:		
	\$6,000 Medford four		
	per cent. bonds, due		
	Aug. 1, 1917		6,000 00
Dec. 1	Sold to Schoolhouse		
	Improvement Acct.:		
	\$1,200 Medford four		
	per cent. bond, due		
	June 1, 1919.....		1,200 00
			<u>60,882 57</u>

Disbursements

Apr. 16	Bought of Municipal Acct.:		
	\$15,000 Medford four		
	per cent. bonds, due		
	Aug. 1, 1917, and int.	\$	15,126 66
Apr. 18	\$8,000 Am. Tel. & Tel.		
	Co. four per cent.		
	bonds, due July 1, 1929,		
	and interest		8,096 00
Dec. 17	\$6,000 Medford four		
	per cent. bonds, due		
	Aug. 1, 1920, and int.		6,100 00

Dec. 31	\$6,000 Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929.....	\$ 6,000 00	
July 31	Bought of City Notes Acct.: \$5,000 Adams four per cent. bonds, due Oct. 1, 1919, and interest....	5,066 67	
Aug. 1	Paid to City account of maturing bonds....	20,000 00	\$60,389 33
		<hr/>	<hr/>
Jan. 1, 1918.	Cash on hand deposited in Nat. Shawmut Bank		\$ 493 24
Sewerage Loan Fund invested as follows:			
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, 1918	2,700 00	
Medford	four per cent. bonds, due June 1, 1918-1924	2,000 00	
Medford	four per cent. bonds, due Sept. 1, 1918-19	4,000 00	
Medford	four per cent. bonds, due July 1, 1926	29,000 00	
Medford	four per cent. bonds, due June 1, 1918	1,200 00	
Medford	four per cent. bonds, due Nov. 1, 1918-1920	4,200 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	\$14,000 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	
Adams four per cent. bonds due Oct. 1, 1919	5,000 00	
Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929.....	14,000 00	\$164,200 00
<hr/>		
Jan. 1, 1918. Total cash and securities.....	\$164,693 24	

LINCOLN SCHOOLHOUSE LOAN SINKING FUND

Receipts

1917.

Jan. 1	Cash on hand	\$ 2,252 65	
	Income from invest- ments	1,154 00	
	Interest on bank deposit	32 26	
	Appropriation from taxes	1,500 00	\$ 4,938 91
			<hr/>

Disbursements

Apr. 12	Bought of Sewerage Acct.:		
	\$2,200 Medford four per cent. bonds, due Sept. 1, 1919, and int...	\$ 2,210 26	
Dec. 31	\$2,700 Medford four cent. bonds, due July 1, 1919	2,700 00	\$ 4,910 26
			<hr/>

Jan. 1, 1918. Cash on hand deposited in Nat.
Shawmut Bank \$ 28 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	
City of Medford four per cent. bonds, due Sept. 1, 1919....	2,200 00	
City of Medford four per cent. bonds, due July 1, 1919	2,700 00	\$ 33,400 00
	<hr/>	<hr/>
Jan. 1, 1918. Total cash and securities		\$ 33,428 65

PUBLIC PLAYGROUND LOAN SINKING FUND

Receipts

1917.

Jan. 1 Cash on hand	\$ 632 22
Income from investments	288 00
Interest on bank deposit	18 22
	<hr/>

Jan. 1, 1918. Cash on hand deposited in Nat. Shawmut Bank

	\$ 938 44
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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, 1918. Total cash and securities		\$ 8,138 44

SCHOOLHOUSE LOAN 1908 SINKING FUND

Receipts

1917.

Jan. 1	Cash on hand	\$ 914 13	
	Income from invest- ment	1,160 00	
	Interest on bank deposit	18 14	
	Appropriation from taxes	3,000 00	\$ 5,092 27
		<hr/>	<hr/>

Disbursements

Apr. 12	Bought of Park Acct.: \$1,000 Fitchburg R. R. Co. four per cent. bond, due May 1, 1925, and interest	1,018 00	
Dec. 31	Bought of Municipal acct.: \$4,000 Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929	4,000 00	\$ 5,018 00
		<hr/>	<hr/>

Jan. 1, 1918. Cash on hand deposited in Nat.		
Shawmut Bank	\$	74 27
Schoolhouse 1908 Loan Fund invested as follows:		
Fitchburg R. R. Co., four and one-half per cent. bond, due Jan. 1, 1933	\$	1,000 00
Milwaukee four and one-half per cent. bond, due Jan. 1, 1928		3,000 00
Boston and Maine R. R. four and one-half per cent. bonds, due April 1, 1929		5,000 00
Fitchburg R. R. four and one-half per cent. bonds, due May 1, 1928		4,000 00
Fitchburg R. R. four per cent. bonds, due May 1, 1925		20,000 00
Boston and Maine R. R. three and one-half per cent. bonds, due Feb. 2, 1925		4,000 00
Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929.....		4,000 00
		<u>\$41,000 00</u>
Jan. 1, 1918. Total cash and securities		\$41,074 27

CITY NOTES LOAN SINKING FUND

Receipts

1917.		
Jan. 1	Cash on hand	\$ 715 10
	Income from Investments	4,992 78
	Interest on bank deposit	27 79
	Appropriation from taxes	5,600 00
July 1	Medford notes matured	5,600 00

Aug. 1	Medford notes matured	\$13,000 00	
Sept. 1	Medford notes matured	10,800 00	
Dec. 8	Surplus transferred from Public Building Acct.	4,729 56	
	Surplus transferred from Park Acct.	1,143 27	
	Surplus transferred from Municipal Acct.	7,215 00	
Apr. 12	Sold to Perpetual Care Fund Acct., \$1,800 Med- ford four per cent. bonds, \$600. each, due July 1, 1926-28, and interest	1,826 40	
July 31	Sold to Sewerage Acct., \$5,000 Adams four per cent. bonds, due Oct. 1, 1919, and interest.....	5,066 67	\$60,716 57
		<hr/>	

Disbursements

July 1	Paid to City to redeem notes maturing	\$ 5,000 00
Aug. 1	Paid to City to redeem notes maturing	14,500 00
Sept. 1	Paid to City to redeem notes maturing	10,800 00
Apr. 1	Bought of Municipal acct.: \$3,239.30 Med- ford notes, due Jan. 1, 1918, and interest	3,288 25
Apr. 30	\$1,200 Medford four per cent. bond, due May 1, 1918-19	1,200 00

214 REPORT OF COMMISSIONERS OF SINKING FUNDS

Dec. 1	\$4,500 Medford four per cent. note, due Oct. 1, 1918, and interest...	\$	4,530	00
July 31	Bought of Sewerage acct., \$6,000 Medford four per cent. bond, due Aug. 1, 1917		6,000	00
Dec. 15	Bought of Water acct., \$3,000 Medford four per cent. bonds, due Oct. 1, 1918, and int...		3,025	00
Dec. 8	Transferred from Public Building acct., in part payment of surplus: \$4,000 Medford four per cent. bonds, due Aug. 1, 1919		4,000	00
	\$500 Medford four per cent. bonds, due May 1, 1919		500	00
Dec. 8	Transferred from Municipal acct., in part payment of surplus: \$7,000 Am. Tel & Tel. Co. four per cent. bonds, due July 1, 1929.....		7,000	00
			<u>59,843</u>	<u>25</u>
Jan. 1, 1918.	Cash on hand deposited in Medford Trust Co.	\$	873	32

City Notes Loan Fund is invested as follows:

Medford four per cent notes:

Due Jan. 1, 1918 \$ 3,239 30

Due Oct. 1, 1918	\$ 7,500 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, 1918-25	4,800 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	
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	
City of Medford four per cent. bonds, due May 1, 1918-19..	1,200 00	
City of Medford four per cent. bonds, due May 1, 1919....	500 00	
City of Medford four per cent. bonds, due Aug. 1, 1919....	4,000 00	
Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929.....	7,000 00	\$121,739 30
<hr/>		
Jan. 1, 1918. Total cash and securities	\$122,612 62	

PARK LOAN SINKING FUND

Receipts

1917.			
Jan. 1	Cash on hand.....	000 00	
	Income from Invest-		
	ments	\$ 1,120 00	
	Interest on bank de-		
	posits	11 27	
Apr. 12	Sold to Municipal acct.,		
	\$1,000 Medford four		
	per cent. bond, due May		
	1, 1917, and interest...	1,018 00	
Apr. 12	Sold to Schoolhouse		
	1908, \$1,000 Fitchburg		
	R. R. Co. four per cent.		
	bond, due May 1, 1925,		
	and interest	1,018	\$ 3,167 27
		<hr/>	

Disbursements

Apr. 18	Bought of Municipal		
	acct., \$2,000 Am. Tel. &		
	Tel. Co. four per cent.		
	bonds and interest....	\$ 2,024 00	
Dec. 8	Transferred surplus to		
	City Notes account....	1,143 27	\$ 3,167 27
		<hr/>	<hr/>
Jan. 1, 1918.	Cash on hand		000 000
	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	
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	
Am. Tel. & Tel. Co. four per cent. bonds, due July 1, 1929	2,000 00	\$32,000 00
	<hr/>	<hr/>
Jan. 1, 1918. Total securities		\$32,000 00

**METROPOLITAN PARK ASSESSMENT LOAN
SINKING FUND**

Receipts

1917.

Jan. 1	Cash on hand	\$ 1,068	04
	Income from Invest- ments	485	50
	Interest on bank de- posits	6	94
	Appropriation from taxes	180	00
		180	00
			\$ 1,740 48

Disbursements

Apr. 12	Bought of Sewerage acct., \$1,200 Medford four per cent. bonds, due June 1, 1920, and interest		\$ 1,217 60
			1,217 60
Jan. 1, 1918.	Cash on hand deposited in Med- ford Trust Co.		\$ 522 88

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 Aug. 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	
City of Medford four per cent. bond, due June 1, 1920	1,200 00	\$13,450 00
	<hr/>	<hr/>
Jan. 1, 1918. Total cash and securities		\$13,972 88

**SCHOOLHOUSE IMPROVEMENT LOAN SINKING
FUND**

Receipts

1917.

Jan. 1	Cash on hand	\$ 641 66	
	Income from Invest- ments	165 00	
	Interest on bank deposit	13 92	
	Appropriation from taxes	500 00	\$ 1,320 58
		<hr/>	

Disbursements

1917.

Dec. 1 Bought of Sewerage acct., \$1,200 Medford 4's, due June 1, 1919..	\$ 1,200 00
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Jan. 1, 1918. Cash on hand deposited in Med- ford Trust Co.	\$ 120 58
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Schoolhouse Improvement Loan Fund invested as fol-
lows:

City of Medford four per cent. bond, due June 1, 1919.....	\$ 1,200 00	
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	\$ 6,200 00

Jan. 1, 1918. Total cash and securities	\$ 6,320 58
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CITY STABLES LOAN SINKING FUND

Receipts

1917.

Jan. 1 Cash on hand	\$ 289 10
Income from Invest- ments	360 00

Interest on bank deposit	\$ 6 59
Appropriation from taxes	320 00
	<hr/>

Jan. 1, 1918. Cash on hand deposited in Medford Trust Co. \$ 975 69

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 2, 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/>	<hr/>
Jan. 1, 1918. Total cash and securities.....		\$ 9,975 69

PERPETUAL CARE FUND

Receipts

1917.		
Jan. 1	Cash on hand	\$ 3,236 76
	Income from Investments	1,704 00
	Interest on bank deposits	23 16
	Received from City...	1,750 13
		<hr/>
		\$ 6,714 05

Disbursements

1917.

Apr. 12	Bought of City Notes acct.: \$1,800 Medford four per cent. bonds, due July 1, 1926-27-28, and interest	\$ 1,826 40	
Feb 2	Paid to City Income for 1916	1,610 46	\$ 3,436 86
		<hr/>	<hr/>

Jan. 1, 1918. Cash on hand deposited in Medford Trust Co. \$ 3,277 19

The Perpetual Care Fund is invested as follows:

Washington County, Me., Rail- way 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 & Hart- ford 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 July 1, 1926-30	\$ 3,000 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 & Hart- ford 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 per cent. bond, due July 1, 1938	1,000 00	\$44,000 00
<hr/>		
Jan. 1, 1918. Total cash and securities		\$47,277 19

TRUST FUNDS**Receipts**

1917.			
Jan. 1	Cash on hand	\$	556 74
	Income from Invest- ments		702 50
	Interest on bank deposit	12 67	\$ 1,271 91
		<hr/>	<hr/>

Disbursements

Nov. 3, 1917.	Paid income to City	\$	714 68
Jan. 1, 1918.	Cash on hand deposited in Med- ford Trust Co.		557 23

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 & Hart- ford R. R. three and one-half per cent. bond, due April 1, 1954		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/>	<hr/>
Jan. 1, 1918. Total cash and securities		\$16,057 23

RECAPITULATION

Sinking Funds

1917.		
Jan. 1	Amount of Funds....	\$1,005,946 42
	Received from City..	14,920 00
	Income	35,195 65
	Discount	54 73
		<hr/>
	Paid Water Loan In- come	\$ 6,135 78
	Paid to redeem bonds maturing	253,300 00
		<hr/>
		\$ 259,435 78
1918.		
Jan. 1	Amount of Funds	\$796,681 02

Trust Funds

1917.		
Jan. 1	Amount of Funds ...	\$16,056 74
	Income	715 17
		<hr/>
	Paid to City	714 68
		<hr/>
1918.		
Jan. 1	Amount of Funds	\$ 16,057 23

Perpetual Care Fund

1917.

Jan. 1	Amount of Funds	\$45,436 76	
	Income	1,727 16	
	Received from City..	1,750 13	\$48,914 05
			<hr/>
	Paid to City	\$ 1,610 46	
	Paid interest	26 40	\$ 1,636 86
			<hr/>

1918.

Jan. 1	Amount of Funds	\$47,277 19
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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	\$ 3,500 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	3,800 00
	<hr/>
Total	\$12,800 00

And the Commissioners have certified to the City Auditor that this amount of \$12,800.00 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,
CHARLES H. BARNES,
W. F. CUSHING,
WILLARD DALRYMPLE,
EVERARD I. LANGELL,
WILLIAM CUSHING WAIT,

Commissioners.

Report of the Sealer of Weights and Measures

Medford, January 1, 1918.

Hon. Benjamin F. Haines,

Mayor of Medford,

Dear Sir:—

I have the honor to submit to you my fourteenth annual report of the Weights and Measures Department, of the City of Medford, for the year ending December 31, 1917.

Scales	Adjusted	Sealed	-not Sealed	Con- demned
Platform over 5,000 lbs. capacity		13		1
Platform under 5,000 lbs. capacity	13	117	1	2
Counters	17	152	2	4
Spring balances	4	173	4	15
Computing	6	97	1	3
Slot Personal		12		
Prescription	2	19		
Weights				
Avoirdupois	10	1047		42
Apothecary	2	257		
Metric	14	123		
Troy		5		
Capacity Measures				
Dry measures		21		
Liquid measures		210		6
Automatic Pumps	18	170		5
Milk jars	93			
Ice cream cans		917		29
Yard sticks		48		
Baskets		1		
Totals	179	3382	8	107

MEDFORD HISTORICAL SOCIETY.

REPORT OF SEALER OF WEIGHTS AND MEASURES 229

Trial Weighing and Measurements, on Wagons and in Stores

Commodity	Number Tested	Correct	Incorrect	
			Under	Over
Charcoal and Coke	40	40	3	3
Coal, (in wagons).....	16	10	.....	.....
Coal, (in paper bags).....	165	123	25	17
Ice	123	36	22	65
Flour	125	36	47	42
Butter	85	48	13	24
Dry Commodities	167	193	24	50
Bread	181	97	15	69
Confectionery	22	22	.....	.....
Berry baskets	120	116	4	.....
Milk jars	93	88	.....	5
Gasoline and Oil	165	130	20	15
Wood	114	114	.....	.....
Bottles	93	93	.....	.....
Apple barrels	1	1	.....	.....
Totals	1510	1147	173	290

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

Inspections Made in Stores and Streets

Stores	117
Hawkers' and peddlers'	98
Hawkers' and peddlers' licenses	103
Milk dealers' wagons	154
Coal certificates	102
Junk dealers' wagons	81
	<hr/>
Total	655

Financial

Amount appropriated	\$ 200 00
Additional appropriation	150 00
	<hr/>
	\$ 350 00

Telephone	\$ 26 03
Stationery and printing	26 67
Labor	62 50
Horse hire	101 25
Books and tags	18 81
Dies and seals	31 75
Lead and Al. Seals	23 67
Scales	3 32
Copper measures	2 87
Carfares and sundries	16 87
Painting	2 98
Hardware and tools	11 78
Electric supplies	3 65
Desk supplies	14 35
Office signs	3 50
	<hr/>
	350 00
	<hr/>
Fees received and paid City Collector	\$ 160 50

Seldom, if ever, have the American people been called upon to meet and solve, so many grave problems, as they face today. The world is looking to us for food; we must not only equip our national army with munitions of war, but those of our allies as well; and in addition to the already heavy burden, it is plainly evident that we shall have to finance the war from now on. And we must do all this while taking a million or two producers from our factories to prosecute our interests in the field.

Standardization has been the watchword, and experts in every line have been working night and day with our government officials to the end that our resources may be conserved to the maximum, and the best engineering practices applied to our every accomplishment.

And through it all accuracy in measurements, and accuracy in weights has proven the ruling factor in the standardization of our equipment.

The necessity for conservation is paramount. It is not only necessary to feed ourselves, but to feed our allies. We are issuing licenses for food products, and speculators and unjust prices will be dealt with. No nation is so great it can waste food.

These are the days when not only individuals but every organized unit of the nation can and must do its "bit" toward the successful promulgation of the war.

The call comes from the Food Administrator's Office to the Sealers of Weights and Measures to co-operate in this big offensive for greater food conservation.

The Sealers not only have the opportunity of giving first handed to the Food Department the size and weights of commodities, but, also in assisting in the collation of information for the regulating of prices, and so in view of present economic conditions, the subject of weights and measures should have greater and more intense consideration by both the public and public authority than ever before in the

history of the subject. The educational movement to inform both elements is so vital that it becomes a paramount matter for both the government and the people.

Trade customs, many of them costly evil practices, today are being subjected to changes which heretofore were thought impossible, and there remains a great deal of work to be done.

Practically everything we eat, drink, wear or use is obtained on the basis of some form of measurement.

Just now everyone is vitally interested in the subject of weights and measures.

If you are a housekeeper, you are anxious to know whether you are getting your full weight on all food stuffs.

If you are a dealer doing legitimate business, you should know that your weights and measures are correct, and how to apprehend a dishonest competitor.

If you are a manufacturer, your shipping or purchasing department may have a serious leak caused by your scales being incorrect, which may eat half your profits.

Bread

The rules the President promulgates, through Mr. Hoover, fix the weight of loaves of bread at one pound, one and one-half pounds, two pounds and four pounds.

The formula to be used by bakers is subject to these restrictions:

A maximum of three pounds of cane or beet sugar per barrel of flour instead of an average of about six pounds as at present. This is expected to mean a saving of 100,000,000 pounds of sugar a year.

A maximum of two pounds of shortening per barrel of flour, instead of a present average of about six pounds. Use

of vegetable oil substitutes is required. This will mean a saving of 100,000,000 pounds of lard annually.

Only skimmed milk may be used. It is stated that "the microscopic amount of butter fat in whole milk bread gives no adequate compensation for its use."

Rolls may be made only when baked of the same dough as bread. This will mean the elimination of many varieties of fancy rolls.

These requirements will secure a uniform loaf of bread, one in which the customer may be sure he will find a certain amount of nourishment and will further standardize the loaf.

The food commission has not the power to fix the price of the finished loaf, but this is expected to be about seven cents direct from the baker who has no delivery expenses and about ten cents when the retailers' profits and delivery costs are added. With the bread of the country thus established at a standard it will be possible for the consumer to determine at once the cheapest bread available, which has hitherto been impossible because of the variation in weight. The saving to the consumer that can thus be made may be calculated from the fact that the food administration estimates that about forty per cent. of the bread production of the country is baked in commercial bakeries and about 60 per cent. is baked in the homes.

Among the laws affecting food products passed by the Massachusetts Legislature during the year, the one regarding the size of Apple Barrels follows (extract):

Section 1. The standard barrel for apples shall be of the following dimensions: length of stave, twenty-eight and one-half inches; diameter of heads, seventeen and one-eighth inches; distance between heads, twenty-six inches; circumferences of bulge, sixty-four inches, outside measurements, and the thickness of staves not greater than four-tenths of

an inch; provided, that any barrel of a different form having a capacity of seven thousand and fifty-six cubic inches shall be a standard barrel.

Automatic gasoline pumps require and receive constant inspection.

Garage owners and dealers in gasoline and oils are not dishonest; the trouble is usually that the importance of accurate measurement has never been sufficiently impressed upon them. When they discover the advantages of uniformly accurate measure in establishing competition upon a definite basis, I find they will co-operate in a most satisfactory manner, and will take an interest in not only knowing that their own equipment is accurate, but that that of every other dealer in the same locality is accurate also.

The acute conditions prevailing during the year have required and received especial consideration.

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.

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.

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 condi-

tion 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.

It is a well established fact, that all business is done upon confidence in men's integrity, and there is no way in which you can prevent mankind from committing crime except to continue the work of quick and severe punishment and in raising the standard of morals in private and business life.

I most firmly believe that the Weight and Measures department is daily lessening fraudulent handling of scales, is increasing confidence, saving to the public an incalculable sum and protecting the honest dealer.

This department has maintained a policy of not instituting a prosecution arising from the violation of the laws enforced unless such violation was intentional or arose from a lack of respect for the law.

For the purpose of carrying on the work of this department for the ensuing year, I would respectfully recommend the sum of four hundred and fifty dollars (\$450.00) be appropriated.

Respectfully submitted,

WINSLOW JOYCE,

Sealer of Weights and Measures.

Report of the City Clerk

January 4, 1918.

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

Gentlemen:

I attach herewith an itemized, detailed monthly report of the fees collected in this office for the year 1917.

I have on file receipts by months from the City Collector which total \$3,029.59.

The Board of Aldermen held 24 regular meetings, 6 regular adjourned meetings and 8 special meetings.

The number of deaths recorded for 1917 was 503. It is probable that some out-of-town reports of 1917 deaths will be received subsequent to this date.

The number of births, as per Canvassers' report of January, 1917, was 961.

Your very respectfully,

CHARLES A. WINSLOW,

City Clerk.

Receipts

Marriage intentions filed, 444.....	\$444 00
Mortgages filed, 389	250 90
Copy of records, 126	68 50
Job and Express wagon permits, 24.....	30 00

REPORT OF CITY CLERK

237

Distribution of circulars, 110	\$	55 00
Lord's Day licenses, 37.....		185 00
Garage permits, 72.....		72 00
Gasoline storage and fireworks permits, 91...		91 00
Billiard and pool room licenses, 13.....		85 00
Pole location grants, 74		74 00
Inn holders' & common victualers' licenses, 25		75 00
Auctioneer's licenses, 7		14 00
Transportation of explosives, 13.....		7 00
Hawkers, pedlers and soap grease, 16.....		301 00
Bowling alley licenses, 5		160 00
Junk shop licenses, 2		100 00
Junk collector's licenses, 13		650 00
Permit for sale of second-hand furniture, 1...		15 00
Taxicab licenses, 5		50 00
Intelligence office licenses, 3.....		6 00
Massage parlor license, 1		1 00
Awning and street projection permits, 53....		53 00
Physician's registration, 31		8 00
Dog license fees, @ 20c., 1047		209 40
Miscellaneous items, 59		17 50
Interest		7 29
		<hr/>
		\$3,029 59

Report of the City Messenger

Medford, Mass., January 4, 1918.

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

Gentlemen:

I herewith respectfully submit the annual report of this department. This report includes the work of the entire year, although I have held the office of City Messenger for less than six months, having been elected on July 24, 1917, to succeed the late Edwin D. Curran.

The following is a statement of the work of this department, and the expenditures for the year ending December 31, 1917.

During the past year the work performed by the City Messenger has been the care of and supervision of cleaning the temporary city offices in the Medford Building, in the Police Station Building and in the Water and Sewer Building, the Aldermanic Chamber in the Dyer Building up to August 15, 1917, and the Aldermanic Chamber in the Washington School Hall to December 31, 1917; also attendance at the meetings of the Board of Aldermen and its committees, and the duties required of the City Messenger by the various officials of the city.

The following property is in charge of the City Messenger: One large National flag, Medford Town and City Reports, documents of the old town of Medford, and copies of the Acts and Resolves of the Legislature of Massachusetts.

Appropriations

Amount appropriated	\$2,657 25
Amount expended to July 25, 1917.....	1,431 48
	<hr/>
Unexpended balance to July 25, 1917....	\$1,225 77
Additional appropriation	150 00
	<hr/>
	\$1,375 77
Amount expended July 25-December 31, 1917	1,375 56
	<hr/>
Unexpended balance	\$ 21

Respectfully submitted.

ARTHUR E. CROWLEY,

City Messenger.

On July 7, 1917, City Messenger Edwin D. Curran passed away after a lingering illness. Mr. Curran held the office of City Messenger for three and one-half years, and was respected by all his associates. His kind, courteous manner, and his faithfulness in the performance of his duties will ever remain a pleasant recollection in the minds of those who were connected with him.

Report of City Engineer

January 9, 1918.

Honorable Benjamin F. Haines,

Dear Sir: I have the honor to submit to you the twenty-fourth annual report of the Civil Engineering Department of the City of Medford, for the year ending December 31, 1917.

Financial Statement

Appropriation, Jan. 1, 1917.....	\$ 1,300 00	
Extra appropriation, July 13, 1917	500 00	
Extra appropriation, Dec. 21, 1917	125 00	\$ 1,925 00
	<hr/>	<hr/>

Credits:

Highway Department	\$ 1,042 47	
Water and Sewer Department..	488 98	
City Hall	8 26	
Central Fire Station	18 35	\$ 1,558 06
	<hr/>	<hr/>
		\$ 3,483 06

Expended:

Pay roll, general	\$ 788 38
Assessing Department	308 29

MEDFORD HISTORICAL SOCIETY.
ac. 3026

REPORT OF CITY ENGINEER

241

City Map	\$	382 27
City Solicitor		6 76
City Hall		20 03
Central Fire Station		19 09
Street Acceptance		143 90
Board of Survey		10 30
Highway Department		1,002 07

Water and Sewer Department:

Sewer Division	238 54	
Water Division	232 33	\$ 3,151 96

Bills as follows:

Office expenses, carfares, etc....	\$	94 41
Draughting materials		27 76
Surveying materials		55 88
Telephone		24 14
Blue and black line prints		9 63
Printing and stationery		11 90
Engineering books		6 00
Medford Publishing Co.		20 00
Map mounting		7 16
Street watering		12 70

	\$	3,421 54
Balance		61 52

	\$	3,483 06
--	----	----------

The services required of the department this year, owing to war conditions, have not been as heavy as last year, nevertheless it has been a busy year for the force employed and there has been a large amount of street construction, edgestone and sidewalk installation, surface drains and miscellaneous work connected therewith.

There has been more street acceptance work than usual and, owing to the activity in the real estate market in 1916, it was necessary to devote more time to the work required by the Assessing department.

There was also a great increase in the number of betterment assessment plans and schedules on account of work started in 1916 and completed in 1917.

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

Street	From	To
Carolina Street	Riverside Avenue	Bradshaw Street
Chardon Road	Playstead Road	Warren Street
Court Street (Extension)	Lewis Street Northerly	
Daniels Street	Cross Street	Pleasant Street
Golden Avenue	Main Street	Willis Avenue
Jackson Road	Sagamore Avenue	Grove Street
Metcalf Street	Walnut Street	Walnut Street
Playstead Road Widening	Irving Street	Usher Road
Stanley Avenue	Main Street	College Avenue
Sydney Street	Fourth Street	Second Street
Tyler Avenue	Johnson Avenue	Grove Street

In addition to these, a plan of Fulton Spring Road having been misplaced during the moving of papers from Dyer Hall to the Medford Building, a new plan, profile and description was made by this department to replace the same.

The following streets have been accepted :

Street	From	To	Length	Date
Chardon Road Court Street	Playstead Road End of portion accepted Dec. 30, 1916	Warren Street	398 ft.	Oct. 30, 1917
Evans Street	Lawrence Street	Northerly Central Ave.	271 " 825 "	Dec. 1, 1917 June 19, 1917
Fulton Spring Rd.	Fulton Street	Fern Road	694 "	Dec. 19, 1917
Golden Avenue	Main Street	Willis Avenue	640 "	Oct. 23, 1917
Gove Street	Boston Avenue	Capen Street	575 "	June 18, 1917
Jackson Road	Sagamore Avenue	Grove Street	820 "	Oct. 30, 1917
Metcalf Street	Walnut Street	Walnut Street	665 "	Oct. 10, 1917
Relocation and Widening of Play- stead Rd.	Irving Street	Usher Road	250 "	Oct. 30, 1917
Poole Street	Lawrence Street	Central Avenue	608 "	June 19, 1917
Stanley Avenue	Main Street	College Avenue	1020 "	Oct. 30, 1917
Sydney Street	Fourth Street	Second Street	430 "	Nov. 20, 1917

Carolina Street, Daniels Street and Tyler Avenue are in committee.

Assessment plans and schedules for the assessment of betterments have been made as follows :

Street	From	To
Dartmouth Street	Yale Street	Bowdoin Street
Emerald Street	Surrey Street	Malden Street
Fells Avenue	Fellsway West	Rock Glen Road
Gleason Street	End old accepted portion	Clewley Road
Johnson Avenue	High Street	Grove Street
Malden Street	Surrey Street	Malden Line
Marston Street	Summer Street	George Street
Pinkert Street	Central Avenue	Lawrence Street
Princeton Street	Dartmouth Street	Colby Street
Second Street	Middlesex Avenue	Craddock Avenue
Surrey Street	Emerald Street	Malden Street
Wellington Road	Riverside Avenue	Fellsway
Wicklow Avenue	Emerald Street	Malden Street
Wright Avenue	Main Street	Willis Avenue

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
Burnside Street	1704.8	.....	.....	.....
Evans Street .....	.....	.....	.....	390
Garfield Avenue .....	.....	32.57	.....	.....
Hooker Street .....	.....	.....	.....	500
Pinkert Street (Lawrence to Myrtle Streets)	491.7	.....	.....	.....
Poole Street .....	.....	.....	.....	215
	2196.5	32.57	.....	1105

WARD TWO

STREET	Lin. Ft. Edgestone	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
Court Street	995.0	.....	.....	175
Dudley Street .....	.....	122.73	.....	.....
Lewis Street	153.8	.....	.....	.....
Newcomb Street	14.2	182.21	.....	.....
Park Street	31.6	476.70	.....	.....
Fells Avenue .....	.....	.....	1540	.....
	1194.6	781.64	1540	175

WARD THREE

STREET	Lin. Ft. Edgestone	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
Oakland Street		70.84		
Salem Street		39.46		
Woburn Street		48.73		
Wolcott Street		59.44		
Wyman Street		59.44		
		277.91		

WARD FOUR

STREET	Lin. Ft. Edgestone	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
Brookings Street	906.3	876.25		
Manning Street		161.20		
Marshall Street	377.3			
Marston Street			3095	
	1283.6	1037.54	3095	

WARD FIVE

STREET	Lin. Ft. Edgestone	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
Bow Street	52.0	46.00	.....	.....
Bowdoin Street	709.2	.....	.....	.....
Bowen Avenue	1307.5	.....	.....	.....
Bristol Road .....	.....	69.25	.....	.....
Dartmouth Street .....	.....	.....	1390	.....
Dexter Street .....	.....	457.11	.....	.....
Ellis Avenue	837.2	.....	.....	.....
Harvard Street (Dartmouth to Main) ..	27.2	343.16	1222	.....
Harvard Street (Main to Willis Avenue)	1312.4	.....	.....	.....
Main Street .....	.....	261.18	.....	.....
Princeton Street	2268.7	.....	3400	.....
Wheeler Avenue	43.8	24.97	.....	.....
Wright Avenue .....	.....	.....	1850	.....
	6558.0	1201.67	7862	.....

WARD SIX

STREET	Lin. Ft. Edgestone	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
Arlington Street	120.0	70.98	.....	.....
Boston Avenue .....	.....	.....	.....	800
Grove Street	200.6	61.77	.....	.....
Harvard Avenue	2004.9	.....	6500	2215
High Street	55.9	651.28	.....	.....
Hillsdale Road .....	.....	1055.51	.....	.....
Jerome Street .....	.....	.....	.....	110
Johnson Avenue .....	.....	.....	3305	.....
Kilgore Avenue	1371.5	.....	.....	.....
Quincy Street .....	.....	392.73	.....	.....
Warren Street	43.1	47.2	.....	.....
Gleason Street .....	.....	.....	1175	.....
	3796.0	2179.47	10980	3125

WARD SEVEN

STREET	Lin. Ft. Edgestone	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
Lapham Street	492.5	.....	.....	.....
Riverside Avenue	1991.0	.....	.....	.....
Second Street .....	.....	.....	1655	.....
	2483.5	.....	1655	.....

TOTALS FOR THE ENTIRE CITY

WARD	Edgestone Lin. Ft.	Sq. Yds. Brick or Granolithic	Sq. Yds. Roadway	Lin. Ft. Surface Drains
1	2196.5	32.57	.....	.....
2	1194.6	781.64	1540	.....
3 .....	.....	277.91	.....	.....
4	1283.6	1037.54	3095	.....
5	6558.0	1201.67	7802	.....
6	3796.0	2179.47	10980	.....
7	2483.5	.....	1655	.....
	17512.2	5510.80	25132	.....

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 463,367 feet of 87.79 miles. The length of streets watered is about 50.52 miles; the area watered is about 837,970 square yards.

The rate is four cents per front foot.

Sewer Construction

Three thousand seven hundred ninety-seven and five-tenths 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, 1918:

5-inch vitrified pipe sewer	97.0
6-inch vitrified pipe sewer	14,539.5
8-inch vitrified pipe sewer	273,488.9
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 65.926 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.

Central Fire Station

Lines, grades and grade sheets have been given for relocation and rebuilding of the edgestones, sidewalks and driveways at the Central Fire Station.

City Hall

Surveys, levels and grade sheets have been made for the sidewalks in front of the new City Hall and such other information as requested in connection with the project has been furnished.

Water Construction

There have been constructed during the year eight thousand six feet of new mains and seventy-two 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., have been continued so that there are 41,000 typewritten cards.

Lines and grades for streets for guidance in erection of fences, grading of lawns and building operations have been given to 24 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.

I have, however, started work on that portion of Section No. 12 and covering the central portion lying between Hall avenue and Border road and Ash street, to west of Summit road, and practically completed Section 10 started last year.

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.

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. Permanent paving on Main, Salem and High streets.

Respectfully submitted,

FRED R. CHARNOCK,

City Engineer.

APPENDIX A—Schedule of Sidewalks and Edgestones, 1917
Original Construction

STREET	FROM	TO	Lin. Ft. St. Stone	Lin. Ft. Cir. Stone
Court St., both sides.....	Tainter Street	Beyond Lewis St.	995.0	106.7
Total .....	.....		995.0	106.7

**APPENDIX A—Schedule of Sidewalks and Edgestones, 1917
General Account**

STREET	FROM	TO	Lin. Feet Str. Stone	Lin. Feet Chr. Stone	Sq. Yds. Gran. Walk	Corner Block
Bowdoin Street	Main Street	Dartmouth Street	681.6	27.6	.....	.....
Bowen Avenue	Main Street	Willis Avenue	1254.0	53.5	.....	.....
Brookings Street	Summer Street.....	George Street	880.3	26.0	876.25	.....
Burnside Street	Central Avenue.....	Lawrence Street	1650.7	54.1	.....	.....
Dexter Street	Bow Street	Towards Broadway.....	.....	.....	263.45	.....
Ellis Avenue	Main Street	Park Avenue	760.2	77.0	.....	.....
Harvard Avenue	Boston Avenue	Metropolitan Park.....	1703.8	301.1	.....	.....
Harvard Street	Main Street	Dartmouth St. ....	.....	27.2	343.16	1
Harvard Street	Main Street	Willis Avenue	1258.8	53.6	.....	.....
High Street	Harvard Avenue.....	534 High Street .....	.....	.....	506.28	.....
Hillsdale Road	Boston Avenue	Osgood Street .....	.....	.....	1055.51	.....
Kilgore Avenue	High Street	Mystic Valley Pkwy.....	1345.5	26.0	.....	.....
Lapham Street	Riverside Avenue.....	Cushing Street	441.1	51.4	.....	.....
Main Street	Harvard Street.....	Marion Street .....	.....	.....	261.18	.....
Marshall Street	Winthrop Street.....	Westerly	272.0	105.3	.....	.....
Newcomb Street	Washington St.....	Franklin Street .....	.....	14.2	182.21	.....
Park Street	Washington St.....	Salem Street .....	.....	31.6	476.7	.....
Pinkert Street	Lawrence St.	Myrtle Street	403.3	88.4	.....	.....
Princeton Street	Dartmouth Street.....	Colby Street	2109.7	159.0	.....	.....
Quincy Street	Boston Avenue	Capen Street .....	.....	.....	316.31	.....
Riverside Avenue	Fellsway	Middlesex Avenue	1797.0	104.0	.....	.....
Total			14558.0	1200.0	4281.05	1

APPENDIX A—Schedule of Sidewalks and Edgestones, 1917
On Petition of Owners

STREET	House Number	Lin. Ft. Str. Stone	Lin. Ft. Stone	Sq. Yds. Gran.
Arlington Street	141	120.0		70.98
Bow St., cor. Dexter St.....		52.0		45.00
Bristol Road	69-71, 73-73A, 75-75A			69.25
Central Avenue	20			62.60
Dexter Street	8, 12-14, 16-18, 20-22			193.66
Dudley St., cor. Central Ave.....				60.13
Garfield Avenue	41			32.57
Grove Street	59, 65, 69	146.4	54.2	61.77
High Street, cor. Warren St....	439	29.7	26.2	45.00
Lewis Street	(77 Fulton St.) 2 & 4	153.8		161.29
Manning Street	2, 22, 26, 30			70.84
Oakland St. (Baptist Church) ..				76.42
Quincy Street	82-84, 86-86A, 88-88A			39.46
Salem Street	8 & 10			47.2
Warren St., cor. High St.		43.1		24.97
Wheeler Avenue	7	43.8		48.73
Woburn Street	63			59.44
Wolcott Street	43			59.44
Wyman Street, cor. Wolcott St.				
Total		588.8	80.4	1220.75

APPENDIX B—Schedule of Sewers Built in 1917

LOCATION	FROM	TO	Length in Ft.	Size In.	Chimney at End	No. of M. H.	Inlets	Character of Soil
Barnard Street	Woburn Street	Near Vernon St..	402.0	8	.....	2	22	Hardpan and Rock
Branch line to E. Br. Gravelly Cr. Sewer ..	Rockwood Ter.	Proposed Street .	166.0	8	.....	1	9	Loam, rubbish and clay
Capen Street	Gove Street	Harold Street ...	70.0	8	.....	1	2	Macadam, loam, clay and hardpan
Champlin & Hobbs Box Factory	Opp. 6th Street	Sta. 2 plus 75.9 ..	275.9	8	.....	1	9	Loam, gravel and clay
Cherry Court	Cherry Street	Sta. 1 plus 73.5 ..	173.5	8	.....	2	6	Filling, sand
College Avenue	Stanley Avenue	Near Stearns Ave.	159.7	8	.....	1	10	Macadam, hardpan and clay
Fellsway West, N'Ly. Side, E. of Fulton St.	Sta. 6 plus 35.53 ...	Sta. 8 plus 87.3 ..	251.8	8	.....	1	11	Hardpan, rock
Hamilton Street	Harold Street	Near North St. ...	541.5	8	.....	2	25	Loam, clay, hardpan and shale
Hancock Avenue	Angle, Westerly ...	Sta. 1 plus 54.7 ..	154.7	8	1	.....	10	Macadam, hardpan and clay
Harold Street	Capen Street	Beyond Hamilton Street	247.3	8	1	1	9	Loam, clay and hard- pan

Maverick Court	Maverick Street	End	168.4	8	.....	1	12	Sand, gravel
Mystic Street	R. of W. to Auburn Street	Near Prescott St.	275.8	8	.....	1	19	Filling loam and hardpan
Proposed Street	Br. Line to E. Br. Gravelly Cr.	Near Fulton St...	160.2	8	.....	1	10	Loam, rubbish and clay
Thomas Street	Sta. 3 plus 75 Thom- as Court	Near Walnut St..	341.7	8	.....	1	18	Filling, clay and hardpan
Wolcott Street	Sta. 3 plus 86.0	Sta. 4 plus 28 ...	42.0	8	1	.....	3	Hardpan, rock
Woodrow Avenue	Sta. 0 plus 13	Walter Street ...	367.0	8	.....	2	19	Gravel and clay
Total .....	.....	.....	3797.5	.....	3	18	194	

APPENDIX C—Schedule of Surface Drains Built in 1917

STREET	LOCATION	Length in Ft.	Size In.	No. of C. B.	No. of M. H.	Length of Connections.	Remarks
Boston Avenue	Mystic River to Holton St.	800	12	.....	6	330 ft. of 10 in.	Relay
Court Street	Lewis St., Northerly	175	12	3	2	80 ft. of 10 in.	New Drain
Evans Street	Central Ave., Southerly...	390	12	2	2	30 ft. of 10 in.	New Drain
Harvard Avenue	Mystic River to Bowers St.	2215	12	15	9	405 ft. of 10 in.	Relay and Extensions
Hooker Street	Spring St. to Sheridan Ave.	500	12	8	2	240 ft. of 10 in.	New Drain
Jerome Street	Fairfield St., Northerly...	110	12	1	.....	.....	New Drain
Poole Street	Central Ave., Southerly...	215	12	2	2	30 ft. of 10 in.	New Drain
Total .....	.....	4405	.....	31	23		

APPENDIX D—Schedule of Macadam Roadway Construction

LOCATION	FROM	TO	Sq. Yds. Roadway.
Dartmouth Street	Yale Street	Bowdoin Street	1390
Fells Avenue	Fellsway West	End of Accepted Portion..	1540
Gleason Street	End old Accepted Portion	Clewley Road	1175
Harvard Avenue	Mystic River	Bowers Street	6500
Harvard Street	Main Street	Dartmouth Street	1222
Johnson Avenue	High Street	Grove Street	3305
Marston Street	Summer Street	George Street	3095
Princeton Street	Dartmouth Street	Colby Street	3400
Second Street	Middlesex Avenue	Cradock Avenue	1655
Wright Avenue	Main Street	Willis Avenue	1850
Total .....	.....	.....	25132

APPENDIX E

Six thousand, three hundred seventy-five plans and profiles.
Twenty-seven section maps.
Ninety-seven survey and level books.
One hundred eight inspector's note books.
Twenty-nine calculation books.
Three transits and tripods.
One Wye level and tripod.
Two target rods.
Two sight rods.
Miscellaneous surveying tools.
Two 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.
Five hundred fifty stakes.

MEDFORD HISTORICAL SOCIETY,

Report of the Board of Assessors

Medford, January 1, 1918.

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, 1917.

Warrants have been received for the assessments of taxes in the City of Medford for the year 1917, as follows:

A State Warrant for the City of Medford's part of a State Tax of \$11,000,000 as apportioned by Chapter 337, Acts of 1917	\$69,960 00
A County Warrant for the Tax for Middlesex County for County purposes	31,995 88
A State Warrant for Metropolitan Sewer Tax, Chapter 439, Acts of 1889	29,056 20
A State Warrant for the Metropolitan Park and Boulevard Tax	16,610 99
A State Warrant on account of cost and reconstruction of Wellington Bridge..	4,599 68
A State Warrant for a Highway Tax in accordance with Chapter 47, Section 16 of the Revised Laws	202 89
A State Warrant for the Charles River Basin Tax in accordance with Chapter 465, Acts of 1903	2,962 27

A Warrant for Fire Prevention in accordance with Chapter 795, Acts of 1914....	\$ 389 82
A City Warrant for Tax of City of Medford for City Purposes	662,111 93
Overlay	13,907 42
	<hr/>
	\$831,797 08

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 \$21.40 per \$1,000, and the same was provided for as follows:

10,283 Polls at \$2.00 each	\$ 20,566 00
Real Estate Tax at \$21.40 per \$1,000.	671,091 16
Personal Estate at \$21.40 per \$1,000.	45,185 03
State Income Taxes for 1917	64,971 52
Estimated receipts (Bank, Corporation and R. R. Tax)	29,983 37
	<hr/>
	\$831,797 08

Number of Polls and Valuation of the City by Wards, April 1, 1917:

	No. of Polls	Personal Estate	Real Estate Buildings	Real Estate Land
Ward 1	1445	\$ 111,800	\$ 2,857,850	\$ 1,074,850
Ward 2	1351	124,050	2,277,600	1,327,300
Ward 3	1086	1,185,400	3,905,100	3,255,800
Ward 4—one	784	91,600	1,584,300	823,200
Ward 4—two	708	24,800	1,220,400	450,150
Ward 5—one	930	37,900	2,260,250	684,050
Ward 5—two	1441	58,600	2,450,150	802,950
Ward 6—one	1228	295,900	3,061,400	1,826,400
Ward 6—two	620	53,600	1,894,850	616,250
Ward 7	765	127,800	1,660,850	894,350
	<hr/>	<hr/>	<hr/>	<hr/>
	10358	\$2,111,450	\$23,172,750	\$11,755,300
Less Soldiers' exemption ...75				
<hr/>				
Taxable Polls	10,283			

Total Valuation, April 1, 1917 \$37,039,500
 Less City and Exempt Property 3,568,650

Total Taxable Valuation, April 1, 1917 \$33,470,850
 Rate per \$1,000., \$21.40.

**Amounts of Taxes Committed to the Tax Collector
 for year 1917.**

Polls, Personal and Real Estate	\$736,842 19
Street Watering Assessments	18,524 48
Sewer Apportionments	2,091 70
Sewer Apportionments interest	306 00
Sidewalk Apportionments	1,555 08
Sidewalk Apportionments interest	77 54
Betterment Apportionments	1,074 15
Betterment Apportionments interest	49 66
Sewer House Connection Assessments	4,516 04
Sewer House Connection Ass'm'ts interest	154 57
Sewer House Connection Apportionments..	1,686 28
Sewer House Connection Apportionments interest	212 79
Gypsy and Brown Tail Moth Assessments..	765 30

Total amount committed to Tax Collec-
 tor in original Warrants and added
 to Taxes of 1917 \$767,855 78

Supplementary Warrants:

Sewer Apportionment	\$ 5 40
Sewer Apportionment interest..	49
Poll Taxes	40 00
Personal Taxes	248 24
Real Estate Tax	277 13
Excise Tax (Bay State Street Railway Co.)	369 87

Total amount of Warrants committed to
 the Tax Collector during year 1917.. \$768,796 91

Real and Personal Estate by Assessors' general assessment	\$33,470,850	
Real and Personal Estate by Assessors' Supplementary Warrant	24,550	
	<hr/>	<hr/>
Total Taxable Valuation ...	\$33,495,400	\$33,495,400

Exempt Valuations

Real Estate of Houses of Religious Worship	\$ 501,050	
Real Estate of Charitable Institu- tions	146,450	
Real Estate of Scientific Institu- tions	679,750	
Real Estate of Literary Institu- tions	16,800	
Real Estate of Commonwealth of Massachusetts	26,500	
Real and Personal Estate of Vet- erans of the Civil War	51,400	
Real Estate of the City of Medford	2,135,250	
	<hr/>	
Total Exempt Valuation		\$3,557,200
		<hr/>
Total Assessed Valuation		\$37,052,600
Number of Residents assessed on property:		
Individuals	4607	
All others (Firms, Corpora- tions, etc.)	939	
	<hr/>	
Total		\$ 5,546

Number of non-residents assessed on property:	
Individuals	1408
All others	317
	1725
Number of persons assessed on property	7271
Persons assessed for Poll Tax only	8185
	15,456
Number of Militia (between 18 and 45 years of age)	7292
Number of Taxable Polls	10283
Tax on each Poll	\$2 00
Number of Horses	350
Number of Cows	167
Number of Neat Cattle other than Cows.....	2
Number of Automobiles, including motor boats and cycles	896
Number of Dwelling Houses	6212
Population as found by the Assessors	33,902

Sewer Apportionments

January 1, 1918, there remain on the books of the Assessors Sewer Apportionments to be added to Taxes for the years 1918, 1919, 1920 and 1921, amounting to \$3,460 58

Sewer House Connection Apportionments

January 1, 1918, there remain on the books of the Assessors Sewer House Connection Apportionments to be added to taxes for the years 1918, 1919, 1920, 1921 and 1922, amounting to \$4,151 26

Sidewalk Apportionments

January 1, 1918, there remain on the books of the Assessors Sidewalk Apportionments to be added to the taxes of 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, and 1927, amounting to \$7,071 42

Betterment Apportionments

January 1, 1918, there remain on the books of the Assessors Betterment Apportionments to be added to the taxes of future years, amounting to \$4,085 56

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

Taxes of 1915	\$ 198 64
Taxes of 1916	709 85
Taxes assessed in December, 1916.....	845 46
Taxes of 1917	4,736 75

Gypsy and Brown Tail Moth Assessments

Assessment for 1914	\$ 60
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Street Watering Assessments

Assessment for 1914	\$28 09
Assessment for 1915	15 09
Assessment for 1916	12 24

Respectfully submitted,

EDWARD S. RANDALL,

FREDERICK F. HOCKADAY,

HERBERT B. LYNDE,

Board of Assessors of Medford.

MEDFORD HISTORICAL SOCIETY,
no. 3028

Report of Trustees of Public Library

Medford, Mass., February 26, 1918.

Hon. Benjamin F. Haines,
Mayor of Medford.

Sir:

The trustees of the public library herewith present their annual report for the year 1917:

As in years past, it has been our endeavor to give our patrons the best service possible and we feel that we have done all that our resources would permit.

In common with all educational and semi-educational institutions, the great need of funds in a substantial amount is keenly felt.

While we recognize the many demands made upon the city treasury for every sort of service, we think that our people could be much better served if we had a larger appropriation, even in these times of stress.

Unless we can keep abreast of the times, a spirit of stagnation creeps in and hurts our work with the public.

More and more are we called upon to supplement the actual educational systems of all kinds and, while we meet many demands, we cannot respond to some that we should.

The salaries paid are not in keeping with the needs of our employees and a way must be found to at least put them on a par with other city departments. For the work done, our staff is the poorest paid of any in the city.

A branch should be established in the Wellington section on account of its isolated situation and rapid growth.

If a new fire station is built there, as seems possible from the agitation being made, provision should be included for some room to be used for library work. We could then give satisfactory service.

On account of the coal situation we have felt compelled with every one else to economize and, with that in view, have shortened our hours during the coldest part of the winter. We shall return to our regular schedule March first, feeling that the worst is over and that we may be able to finish the season easily with what fuel we have in sight.

In the very near future we must have more room for our increasing store of books and this extension can be made by completing the glass floor in the stack room, as originally planned when the new addition was erected.

However, in the main, we believe the public needs have been well cared for and the essential wants supplied.

The report of the librarian follows:

Report of the Librarian

To the Trustees of the Medford Public Library:

Gentlemen:—Herewith is presented the sixty-second report of the library, which was open for service 327 days during 1917, 303 week days and 24 Sundays. In that time 106,328 books were circulated, 2,632 more than last year. The increase is noticeably in the departments of history and useful arts, 1,566 in the former and 1,359 in the latter; facts which we attribute to the steadily increasing reading of personal narratives of the war, and books of military and naval science and of all arts applicable to its prosecution. The reading of fiction has decreased in the same proportion.

The library now contains 52,824 volumes; the statistics of increase may be found at the end of this report; 1,396 new registrations have been received.

Camp Libraries

Owing to the generous response of our citizens to our appeal for books for the soldiers, over a thousand have been sent to different camps. The sum of \$852.65 was con-

tributed towards the establishment of camp libraries. While this was only a trifle more than half of Medford's quota, according to its population, that half helped to swell the library fund and has been gratefully acknowledged by the Library Organizer. The cordial help of the Superintendent of schools and of the teachers deserves special recognition.

Exhibitions

No exhibition ever held in the library has attracted so many visitors as that of Food Conservation held in the early part of December in the West Reading Room, under the able direction of Miss Laura P. Patten of the High School, president of the Medford Unit of the Woman's Council of the National Council of Defense. Twenty-five different women's organizations helped to make the exhibit a success by bringing 275 jars of canned vegetables and preserves, samples of cookery made from wheat, sugar and fat substitutes. Recipes were given with each article, so that all who chose might be benefited. The work of the High School pupils, boys as well as girls, was most creditable. By the display of books, by circulating pamphlets provided by the state, federal government and Free Public Library Commission, by cataloging recipes of tested recipes for food-saving, the library has endeavored in every way to co-operate with the United States Food Administration.

The use of the hall in the Children's Building accorded by your Board to the local unit of the Red Cross, has been greatly appreciated, and has done much to help along the cause for which, both singly and together, we are all working.

Children's Room

The work in this department has been carried on uninterrupted this year. There have been many expressions of interest and approval of the work done here from visitors to the Red Cross rooms, who had never before had occasion to visit the building. Miss Clark is doing excellent work and it is well that it should be recognized in our own community as well as by the library world.

Sunday Opening

The character of the attendance on Sunday differs in no respect from that of 1916. Very few beside the regular weekly patrons avail themselves of the privilege accorded by this branch of the service, and those for whom the library was opened on that day have shown little disposition to profit from the extension of hours.

Staff

There has been but one change on the library staff. Miss Béatrice E. Kelliher resigned, July 1, after six and a half years of service at the Delivery Desk. Her place was filled by the promotion of Miss Katherine Wells. Miss Ruth L. Swett, having just completed a year's apprenticeship, was assigned to the place left vacant by Miss Wells's promotion. Willing and faithful service are given, both at the desk and in the reference room.

Labor Statistics

The inside work of the library, repairing, covering and lettering of books has been greater than in any previous year. Headings have been written on 4,947 Library of Congress catalog cards and 781 been fully written; 216 acknowledgment, 387 reserve and 1,927 overdue postals have been sent. Postage on these notices became a large item of expense as soon as the postal war tax was levied, at once doubling the cost. To keep this item as low as possible, it was decided to send overdue notices less frequently, but to send them in the form of a printed circular in a sealed envelope, the postage being the same as by card and the effect of the sealed notice more impressive.

Gifts

The library and reading room have received numerous gifts from both old and new friends, but, as was natural under existing circumstances, no large gifts can be reported.

Wellington Deposit Station

After various unsuccessful efforts to promote efficient service in the Wellington District, the deposit station opened in January, 1916, in the building of the Wellington Improvement Association was definitely closed in June, confirming the conviction of last year that volunteer service is worse than useless. While undoubtedly a trained assistant would make a success of a branch in a section so remote from the main library, until the city can afford suitable room and service, I see no way of accomplishing such result.

Co-operation

Again we are indebted to Mr. Joseph T. Whitney, instructor at the High School, and to the class in printing under his charge, for lists of books on Gardening and other special topics, for free distribution. Our thanks are also due to neighboring libraries—Boston, Everett, Lynn and Malden—for lending books.

Respectfully submitted,
A. L. SARGENT, Librarian.

We recommend an appropriation of \$11,134.54 to meet the expenses of the coming year.

Respectfully submitted,

ERNEST B. MOORE,

ALAN A. CLAFILIN,

Trustees of Public Library.

	Adult	Juvenile	Total
Number of volumes at beginning of year	42,311	8,237	50,548
Added by purchase	1,875	673	2,548
Added by gift	247	13	260
Added from Reading Room	117	11	128
Lost or withdrawn	534	126	660
Total number at end of year	44,016	8,808	52,824

	Weekdays	Sundays	Total
Days open during the year	303	24	327
Hours open for lending each week:			
January—April 21, November to December			60
April 22—October			57
Hours open for reading each week:			
January—April 21, November—December..			60
April 22—October			57
Additions to the Library by purchase.			
General works			14
Philosophy and Religion			48
Biography			118
History			231
Description and Travel			173
Social Sciences			232
Natural Sciences			137
Useful Arts			275
Recreative and Fine Arts			141
Language and Literature			507
Fiction			672
Total			2,548

MEDFORD HISTORICAL SOCIETY.

Report of Chief of Fire Department

Medford, Mass., January 31, 1918.

Hon. Benjamin F. Haines,

Mayor of City of Medford, Mass.

Dear Sir:

It again becomes my pleasure to hand in to you the annual report of the Fire Department for the year ending December 31, 1917. In this report will be found statements embracing a report of fires and alarms which have occurred during the past year, 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.

Manual Force

The manual force now consists of thirty permanent men, ten call men, and nine men who receive one dollar for each alarm they answer. Six more permanent men have been appointed during the past year. The department is now officered and manned as follows: Chief, Deputy Chief, seven Captains, seven Lieutenants, ten Call Men, nine men who receive one dollar for each alarm answered; this makes a total of forty-nine members. I most respectfully recommend that the sum of eleven hundred dollars be appropriated for one more permanent man, this man to be stationed at Combination A. house, thus giving four permanent men at each of the outlying houses. I also recommend that either more permanent or call men be appointed on ladder No. 2, Salem street, as the present number of men with this company is not enough to properly handle the ladders.

Fire Stations

The central fire station has been entirely remodeled inside during the past year. Cement floors have been laid covering the entire ground floor; a new building has been built at rear of main building to be used as a repair shop, and fire proof rooms for the fire alarm apparatus. The walls and ceilings of the apparatus room, repair shop have been covered with steel sheathing; a toilet has been placed on this floor in the apparatus room and another in the repair shop. On the second floor, rooms have been fitted up for the captains and lieutenants, one large sleeping room for the privates, a large recreation room in middle front of building has been built; large bath room with four wash bowls, two shower baths, three toilets; a small bath room for chief and deputy chief. Two more sliding poles will be placed as soon as they can be obtained. The office or desk will be located in what was formerly the tower, the two old entrances to the lower floor from the street have been closed and a new door cut direct into the hose tower, this being the only entrance except through the repair shop.

The four other fire stations are in the same condition as last year, as no money was available to make repairs. New outside doors should be bought for Combination C. house; the sleeping quarters should be rebuilt, and inside of house painted or varnished, ceilings whitened. Combination E. house is in very bad condition, both inside and out. If this house is used another winter a new heating plant will have to be purchased. Combination A. house needs touching up inside, and the steps leading into side door to apparatus room should be rebuilt. Combination B. house needs considerable renovating inside, wood work varnished, ceilings whitened, etc.

Fire Apparatus

The only addition to the apparatus connected with this department during the past year was the purchase of a new chief's car, and the apparatus now in service is as follows :

Central Fire Station—One Knox combination hose and pump, one Seagrave combination ladder truck and chemical, the old Amoskeag fire engine, and two chief's cars. This apparatus is all in good condition, except the old chief's car, which is to be rebuilt, a forty-gallon chemical tank, chemical hoze, nozzle, etc., having been purchased, and the work will be done as soon as the repair shop is equipped.

Combination A house—One Knox combination hose and chemical is installed. This machine is in good condition at present.

Combination B House—One Knox combination hose and chemical is in commission, and one combination hose and chemical-horse-drawn wagon not in service, both in good condition.

Combination C House—One Knox combination hose and chemical, one American LaFrance combination chemical and ladder truck. These machines are in good condition at present.

Combination E House—One Knox combination hose and chemical in service, and one Babcock chemical horse-drawn, not in service. Both of these machines are in good condition at present.

We also have stored at the city yards, one village horse-drawn truck. The ladders have been taken off of this truck and are stored in the cellar of Combination C house.

Fires and Alarms

During the past year we have had 122 Bell alarms, and 220 Still alarms, making a total of 342 alarms for the year. Value of property at risk, \$487,100. Insurance on same, \$381,500. Loss, \$40,821.20.

Amount Asked to Run the Department

Salaries of Firemen	\$46,370 34
Ordinary expenses	5,000 00
One more permanent man	1,102 00
New heater, Combination E House	200 00
New outside doors, Combination C House	320 00
Decorating firemen's graves	50 00
One thousand feet 2 1-2 inch hose	900 00
	<hr/>
	\$53,942 34

Respectfully submitted,

CHARLES E. BACON,

Chief, Medford Fire Department.

Report of the Park Commissioners

Medford, Mass., January 1, 1918.

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

Sir:

The Board of Park Commissioners herewith presents its twenty-fifth Annual Report for the year ending December 31, 1917.

The summer season of 1917 was even more moist than the two preceding years, and the mowing of the unusual growth of grass used up the greater part of the Public Commons appropriation. The increase in laborers' pay and advance in cost of all structural material prevented construction of woven wire fencing and many other anticipated and needed improvements. All that was attempted in the way of additional shrubbery was the replacement of dead hedge plants at Tufts Park Playground and at Magoun Park. But the need of new shrubbery to complete the improvement of Tufts Park and Playground is very evident, and this planting should be completed as soon as possible, as time is required for a proper growth to obtain the desired effect as planned.

Low dams of loam enclosing the skating areas having been built early in the preceding December at Morrison, Summer street and Tufts Park Playground, there was good ice for skating from December to the middle of February. But during a large part of the time the areas were covered with snow, so that it was necessary to clean them with a horse scraper; this work was done by the Street Commissioner at Tufts Park Playground, and shoveled off at Summer Street Playground, and flooding by the Fire Depart-

ment was tried, however, with only partial success. This winter, fortunately, nature furnished an early and prolonged period of good skating at Brooks Playstead, Tufts Park Playground and Morrison Playground.

With the declaration of war with Germany, came the patriotic appeal to fly the stars and stripes throughout the land. From that time the flag at Hastings Heights was flying daily for four months. A new 7 1-2 foot by 15 foot flag was ordered the twelfth of April, but so great was the delay in getting it, that the new flag was raised on Memorial Day.

On the same day there was a flag raising at Medford Common at noon, under the auspices of the Public Safety Committee. The 80-foot steel flag pole set May 24, and the 10 1-2 foot by 18 foot flag were the gifts of the school children to the City of Medford. This flag remains in the care of the Public Safety Committee.

At the August meeting it was voted that the flag at Hastings Heights be raised only on holidays and special occasions. The work of raising the flag daily was faithfully performed by the foreman of the Department.

Owing to wear and tear another new flag, 7 1-2 feet by 12 feet, was purchased for Hastings Heights, August 31.

Last year the bath-houses on Foster Court were not opened during the season, the Board of Health having ordered them closed. This year, it was July 19, before the Commission received a letter from the Board of Health taking off the restriction on opening the bath-houses. Repairs to bath-houses had previously been made. H. J. O'Brien was engaged as caretaker, as in previous years and the houses were opened, beginning Saturday, July 21. Mr. O'Brien reported less trouble was experienced than the last year the bath-houses were open, and little damage was done. During the season, two girls were rescued from drowning. The bath-houses were closed for the season on Saturday, September 29.

Much trouble was experienced this year in the breaking of playground apparatus. At Morrison Playground, a rocker plate on one of the teeter boards was broken. The swings were broken so frequently by rough usage at three of the playgrounds that it was decided to remove the swings as fast as broken, and not to return them until there was some arrangement made for their protection. A special policeman was employed at Summer Street Playground, Sunday, July 1, from 7 p. m. to 10 p. m. There was no disturbance that evening. For Brooks Playstead, a resident living opposite the playground apparatus was appointed a special policeman with good effect. There has been no complaint at that playground since this was done.

But at Tufts Park and Summer Street Playground more trouble was experienced. In the latter part of August three men were caught at Tufts Park playing craps. They were arrested and taken to Court and fined five dollars each.

After conferring with the Chief of Police, it was decided to replace the repaired swings and teeter boards and to engage a special policeman in citizen's clothes for several nights. This was done September 24. At Summer Street Playground, the very first evening, one of the swings was broken. But there was less disturbance and damage after this.

The subject of Junior Police in connection with the grammar school-masters, as in force in Somerville, was considered and arrangements made looking toward a practical trial of the Junior Police plan another year. But a regular playground supervision is the most effectual arrangement, giving the boys and girls needed outdoor instruction and teaching them how to play and to play fair, with due regard for privileges extended.

As the Street Commissioner needed the space in the City stable shed occupied last winter by the mowing machines and playground apparatus of the Park Department,

a storehouse to contain this equipment became a necessity. As the City owned a building on the Junior High School grounds that might be made to serve this purpose, His Honor, the Mayor, was consulted and the building obtained and a petition was presented to the Board of Aldermen for moving it to the City Yard, and this was granted and the building moved.

It is now serving its purpose very well, and only needs a cement floor and a good coat of paint to make it a building worth more than double its cost to the department.

There was an increase of pay of park and other city employees last year, from \$2.25 to \$2.50 per day, with the granting of half holidays with pay on Saturdays throughout the year, and this year the pay was increased from \$2.50 to \$2.75 per day. This accounts for half the increase in the pay roll this year. And the other half is more than offset by the pruning and spraying, repairs and painting done during the year by the regular park men on the pay roll, that in previous years has been done by outside men. Neither the quality nor the cost of the work has suffered by the change. In fact, the cost has been considerably reduced.

The Superintendent attended the meeting of the Park Institute of New England, at Hartford, Conn., March 28, and visited Hartford's parks and playgrounds the following day. He sent a written report to the Chairman containing interesting and useful points brought out in the address and discussion and noticed at the parks and playgrounds visited: There are more tennis courts than base ball diamonds in the Hartford parks. Several practical improvements seen there could be advantageously added to Medford parks and playgrounds.

The subject of improving the sanitary condition of Mystic River and its tributaries is again called to your Honor's attention; and reference is made to the Commis-

sion's Annual Reports for the years 1913 and 1916 regarding this matter and other park matters of Metropolitan interest and scope that especially affect Medford.

As early as February, the Park Commission held a special meeting for the consideration of playground supervision, the most practical arrangements for starting in Medford this supervision in the right way, and an estimate of the cost for the first season. Mr. Whitten, athletic instructor at Medford High School, was present by invitation and gave practical advice from his own experience. Asked by the Commission, he stated he was willing to take charge of this playground supervision during the summer months. After this meeting the Park Board renewed their request for an appropriation of \$2,800 for supervision of playgrounds; but it was not granted. They trust that during the coming season the City Government will see the great need of at least making a start in playground supervision and provide an adequate appropriation for it.

The need of playground supervision was emphasized by a serious accident to a small boy, named Alfred Molrearo, playing on Tufts Park Playground, June 28, when he was hit in the head by a swing seat, while running to get into it. Supervision might not have directly prevented this accident, but it would have taught the children how to avoid such accidents. Suit having been brought against the City, the Superintendent, as instructed by the Commission, conferred with the City Solicitor regarding the accident, placing the matter in his care. The City Solicitor stated that the City was not liable in this case.

On November 22, the Commission approved by request of the Metropolitan Park Commission, under date of November 20, the exchange of land belonging to Carolin R. Lawrence arranged for by their Board.

On December 27, the Commission voted to request His Honor, the Mayor, to insure the new store house at the City Yards and to provide, if necessary, for liability insurance against accident on the playground and parks.

For the year 1917, the Commission received by appropriations for the maintenance of parks and playgrounds the sum of \$4,500 and expended the same as follows:

Public Commons Account

Pay Rolls	\$3,287 06
Superintendent and Clerk's Salary	700 00
Repairs and painting	92 82
Flags and repairs	110 80
Lawn mowers and repairs	30 68
Tools and extension ladder	28 03
Lumber, etc., for storehouse	89 33
Supplies	53 10
Shrubs and grass seed	40 00
Gypsy and browntail moth work	24 50
Telephone and incidentals	43 23
	<hr/>
Total expenditures	\$4,499 55

The Commission recommends the following appropriations for the use of the Park and Playground Department for the ensuing year:

1. Public Commons, including Playgrounds	\$5,000 00
2. Bath Houses	500 00
3. Supervision of Playgrounds	2,800 00
	<hr/>
Total	\$8,300 00

A copy of the 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 Superintendent of Parks and Playgrounds

Medford, Mass., January 1, 1918.

Hon. Wilton B. Fay,
Chairman Medford Park Commission.

Dear Sir:—

I respectfully submit the following report of park and playground work during the year 1917:

This year nearly all the work was done by the regular park men. While mowing the grass was the principal work as the grass grew rankly during the very moist summer season, Mr. Biggs, the park foreman, and his able assistant, Mr. Ingraham, pruned the trees and shrubbery, did the gypsy moth work required, the repairing and painting playground apparatus, sharpened lawn mowers, painted back stops, repaired fence at the Delta, did the moving and repairing of the old barn, now the park storehouse, and gave the new work a priming coat of paint. They made the doors and put in two new windows.

A new drinking fountain was erected at Morrison Playground and later in the season at Summer Street Playground. Circular granolithic platforms were built around the drinking fountains at Morrison Playground and Summer Street Playground. A flush lawn hydrant was installed at Morrison Playground, near the drinking fountain, so that the bedded plants and flowers in tubs could be readily watered.

In January attention was given to skating areas on the several playgrounds. In this work the fire department at Summer Street Playground and the Street Commissioner scraping away the snow with horse scraper at Tufts Park Playground and repairing dams at other playgrounds aided materially. There was good ice in the middle of January and the first of February.

On February 7, in response to a letter from the U. S. Engineer in Boston, a list of tools of the park department was made out and mailed to him. Machines and tools were then marked "Medford Parks" with a burning brand of brass.

On March 28 and 29 I attended the Park Institute of New England, at Hartford, Conn., and visited the parks and playgrounds. of Hartford, with the supervisor of recreation to guide and explain. At other times visited Manchester Field in Winchester, Cradock Field and Ferryway Green in Malden, to examine athletic fields, playground apparatus and supervision. Also visited the West Somerville bath house.

Marked out base ball diamond, April 12 and 14, and replaced worn out rubber home plates. New halyards were fitted to the flagpole at Hastings Heights. The loam dams, placed to make skating areas on three of the playgrounds, were spread at this time where the loam was most needed. All the park seats were repainted.

The tools bought during this season were a 16-inch lawn mower, and edge trimmer, one dozen wooden lawn rakes and a carpenter's hammer. New park sign cards were placed in all the parks and playgrounds.

Two new flags were bought for the flagpole at Hastings Heights during the season and at Medford Common, on May 30, there was a flag raising, the 80-foot steel flagpole and 10 1-2 by 18-foot flag being the gift of the school children of the City.

The first of October the foot-ball fields were staked out anew and goal posts set in all the playgrounds.

Made a new planting plan for the entrance to Governors Avenue, as the old overgrown shrubbery makes dangerous driving into High Street, obscuring the view. The last of October, replaced with large plants of *Berberis Thumbergii*, the dead plants in the barbery hedge, at Tufts.

Park and Playground, and used *Aralia pentaphylla* plants to replace broken shrubs at this playground and at Magoun Park.

Pruning of shrubs was done in November and December and the football lines marked anew with plaster of paris and sawdust. The goal posts were removed just before the freeze in the middle of December.

As soon as permission was granted by the Aldermen and approved by the Street Commissioner, the small barn in the rear of the Junior High School was moved to the City Yard and thoroughly repaired, as a storehouse for the Park Department for the winter storage of mowing machines and playground apparatus. This was the last work of the year. In the spring this building should receive a cement floor and a good coat of paint. The park equipment can then be kept dry and free from rust during the winter.

I desire to express my appreciation of the earnest work of the park employees, Mr. Ingraham, especially, who took Mr. Biggs' place so well when Mr. Biggs was laid up by broken ribs caused by a fall. I want to thank the heads of other departments for their helpful co-operation when needed, and every member of the Commission and his Honor, the Mayor, for courtesies extended throughout the year.

Recommendations for Medford Parks

Woven wire fence both sides of Magoun Park.
Fertilizers at all the parks with shrubbery beds.
A sectional roller for rolling lawns in the spring.
(Horse roller weighted)

Some improvement of Governors Avenue Park property.

Replanting at entrance to Governors Avenue.

Leasing land for compost pile of grass clippings and leaves with loam and fertilizers.

Recommendations for Medford Playgrounds

Playground supervision, with two play leaders at each playground.

Junior police selected by grammar school masters reporting to Chief of Police.

Small playground areas for the smallest children conveniently near.

Woven wire fence separating ball field and children's playground at Tufts Park Playground.

Arrangements for lawn tennis at playgrounds and several parks.

Gala days at playgrounds in rotation with competitive games and folk dancing.

Loam added to Medford Common where needed to enable grass to grow.

Additional playground areas with apparatus in Ward 2, Ward 6 and Ward 7.

Respectfully submitted,

EDWARD P. ADAMS,

Superintendent of Parks and Playgrounds.

MEDFORD HISTORICAL SOCIETY.
ac. 3026

Report of the City Collector

Medford, Mass., January 1, 1918.

Honorable Benjamin F. Haines,

Mayor of the City of Medford, Mass.

Dear Sir: I respectfully submit the following report of the collections made in this department for the year ending December 31, 1917.

Taxes of 1917

Total of Warrants	\$736,882 19	
Collected and paid Treasurer....		\$454,536 23
Abated		4,651 15
Uncollected January 1, 1918		277,694 81
	<hr/>	<hr/>
	\$736,882 19	\$736,882 19

Taxes of 1916

Uncollected January 1, 1917....	\$221,194 32	
Reassessed	103 95	
Collected and paid Treasurer ...		\$145,874 92
Abated		780 12
Uncollected January 1, 1918		74,643 23
	<hr/>	<hr/>
	\$221,298 27	\$221,298 27

Taxes of 1915

Uncollected January 1, 1917	\$ 72,877 41
Reassessed	92 56
Recovered back	202 80

REPORT OF CITY COLLECTOR

Erroneously credited	\$	1 44	
Collected and paid Treasurer....			\$ 69,663 89
Abated			258 96
Uncollected January 1, 1918			3,251 36
			<hr/>
	\$	73,174 21	\$ 73,174 21

Taxes of 1912

Uncollected January 1, 1917....	\$	822 60	
Collected and paid Treasurer ...			\$ 822 60
			<hr/>
	\$	822 60	\$ 822 60

December Taxes, 1917

Warrant	\$	525 37	
Collected and paid Treasurer			\$ 160 50
Uncollected January 1, 1918			364 87
			<hr/>
	\$	525 37	\$ 525 37

December Taxes, 1916

Uncollected January 1, 1917	\$	8,233 83	
Collected and paid Treasurer ...			\$ 7,110 18
Abated			631 62
Uncollected January 1, 1918			492 03
			<hr/>
	\$	8,233 83	\$ 8,233 83

December Taxes, 1915

Uncollected January 1, 1917	\$	351 52	
Uncollected January 1, 1918....			\$ 351 52
			<hr/>
	\$	351 52	\$ 351 52

Street Watering Assessments

Uncollected January 1, 1917	\$ 7,157 91	
Warrant for 1917	18,524 48	
Reassessed 1916 account	1 80	
Recovered back	1 41	
Erroneous credit	10 40	
Overpaid on 1915 account	3 30	
Collected 1917 account		\$ 11,891 04
Collected 1916 account		3,762 69
Collected 1915 account		1,423 47
Abated 1916 account		7 52
Abated 1915 account		13 83
Uncollected January 1, 1918. . . .		8,600 75
	<hr/>	
	\$ 25,699 30	\$ 25,699 30

Gypsy and Brown-Tail Moth Assessments

Uncollected January 1, 1917. . . .	\$ 525 73	
Warrant for 1917	765 30	
Collected 1917 account		\$ 438 60
Collected 1916 account		190 62
Collected 1915 account		194 05
Uncollected January 1, 1918. . . .		467 76
	<hr/>	
	\$ 1,291 03	\$ 1,291 03

Mosquito Assessment, 1913

Uncollected January 1, 1917. . . .	\$ 3,481 72	
Uncollected January 1, 1918. . . .		\$ 3,481 72
	<hr/>	
	\$ 3,481 72	\$ 3,481 72

Sewer Assessments

Uncollected January 1, 1917. . . .	\$ 10,153 01	
Schedule No. 140 committed	1,469 63	
Reassessed	18 41	
Apportioned		\$ 861 28

Collected and paid Treasurer....	\$ 4,499 04	
Abated	18 41	
Uncollected January 1, 1918....	6,262 32	
	<hr/>	<hr/>
	\$ 11,641 05	\$ 11,641 05

Sewer Apportionments

Uncollected January 1, 1917	\$ 1,594 75	
Warrants for 1917	2,097 10	
Apportionments paid in advance	284 06	
Apportionments collected and paid Treasurer		\$ 2,208 83
Apportionments paid in advance, collected and paid Treasurer		284 06
Uncollected January 1, 1918		1,483 02
	<hr/>	<hr/>
	\$ 3,975 91	\$ 3,975 91

Sewer Connections

Uncollected January 1, 1917	\$ 6,060 65	
Recovered back	31 49	
Schedules 137-142, inclusive, com- mitted	7,270 76	
Erroneous credit	26 26	
Added to 1917 taxes		\$ 4,516 04
Apportioned		1,157 36
Abated		100 00
Collected and paid Treasurer...		5,562 19
Uncollected January 1, 1918....		2,053 57
	<hr/>	<hr/>
	\$ 13,389 16	\$ 13,389 16

Sewer Connection Apportionments

Uncollected January 1, 1917....	\$ 622 00	
Warrant for 1917	1,686 28	
Apportionments paid in advance	187 04	
Apportionments collected and paid Treasurer		\$ 1,462 15

Apportionments paid in advance, collected and paid Treasurer	\$ 187 04
Uncollected January 1, 1918....	846 13
	<hr/>
	\$ 2,495 32 \$ 2,495 32

Sewer Connections Added to Taxes

Uncollected January 1, 1917	\$ 3,015 68
Warrant for 1917	4,516 04
Collected and paid Treasurer ..	\$ 3,487 87
Uncollected January 1, 1918	4,043 85
	<hr/>
	\$ 7,531 72 \$ 7,531 72

Sewer Construction Special

Unsettled January 1, 1917	\$ 2 28
Unsettled January 1, 1918	\$ 2 28
	<hr/>
	\$ 2 28 \$ 2 28

Sidewalk Assessments

Uncollected January 1, 1917	\$ 525 02
Committed during 1917	32,217 11
Apportioned	\$ 8,067 07
Collected and paid Treasurer....	7,551 19
Uncollected January 1, 1918	17,123 87
	<hr/>
	\$ 32,742 13 \$ 32,742 13

Sidewalk Apportionments

Uncollected January 1, 1917	\$ 496 30
Warrant for 1917	1,555 08
Collected and paid Treasurer....	\$ 1,181 70
Uncollected January 1, 1918....	869 68
	<hr/>
	\$ 2,051 38 \$ 2,051 38

Sidewalk Applications

Unsettled January 1, 1917	\$ 1,303 19	
Committed during 1917	1,612 13	
Collected and paid Treasurer ...		\$ 2,354 34
Unsettled January 1, 1918.....		560 98
	<hr/>	<hr/>
	\$ 2,915 32	\$ 2,915 32

Betterment Assessments

Uncollected January 1, 1917	\$ 2,055 09	
Committed during 1917	25,752 43	
Reassessed	265 98	
Apportioned		\$ 4,343 35
Collected and paid Treasurer....		7,427 83
Abated		1,059 89
Uncollected January 1, 1918		15,242 43
	<hr/>	<hr/>
	\$ 28,073 50	\$ 28,073 50

Betterment Apportionments

Uncollected January 1, 1917	\$ 132 65	
Warrant for 1917	1,074 15	
Apportionments paid in advance	47 40	
Apportionments collected and paid Treasurer		\$ 649 68
Apportionments paid in advance, collected and paid Treasurer		47 40
Uncollected January 1, 1918		557 12
	<hr/>	<hr/>
	\$ 1,254 20	\$ 1,254 20

Water Connections

Unsettled January 1, 1917	\$ 2,293 51	
Committed during 1917	4,959 58	
Collected and paid Treasurer ...		\$ 3,958 71
Unsettled January 1, 1918.....		3,294 38
	<hr/>	<hr/>
	\$ 7,253 09	\$ 7,253 09

Water Service

Collected during 1917	\$ 87,510 69	
Paid Treasurer		\$ 87,510 69

Care of Cemeteries

Collected during 1917	\$ 1,003 04	
Paid Treasurer		\$ 1,003 04

Costs and Fees

Taxes of 1912	\$ 20	
Taxes of 1915	1,431 70	
Taxes of 1916	929 70	
Taxes of 1917	155 00	
December taxes, 1916	1 00	
Sewer assessments	61 66	
Sidewalk assessments	15 00	
Betterment assessments	15 50	
	\$ 2,609 76	
Paid Treasurer		\$ 2,609 76

Miscellaneous Collections Credited To:

Armory	\$ 900 00
Board of Survey	15 00
Care of Cemeteries	3,446 13
City Home	505 69
Collecting Dept. Expenses	1 65
Collection of Ashes	645 52
Collection of House Offal	3,200 00
Contagious Diseases	137 00
Departmental Expenses	35 16
Electrical Dept. Expenses	39 50
Engineering Dept. Expenses	1,558 06
Estates bought at sale for taxes..	1,651 62
Excess and Deficiency	4 25
Fire Dept.—Ordinary Expenses	130 33
Fire and Police Signals	114 86

General Expenses—Health Dept.	\$	24	00
General Expenses—School Dept.		1,389	75
General Repairs of Highways....		13,236	03
Gypsy and brown-tail moths		115	40
Income from Trust Funds		714	68
Insurance		210	00
Interest		492	28
Miscellaneous account		82	10
Miscellaneous credits		6,927	43
Original Construction of streets..		7,000	00
Osgood Schoolhouse		191	40
Outside Relief		1,159	46
Printing Reports		36	25
Public Library		610	20
Sewer construction		166	24
Sewer maintenance		41	55
Sidewalk and Edgestones		150	90
Special Police, etc.		10	00
State Aid		198	00
Surface Drains		38	00
Trees		27	75
War Emergency		12	96
Water Service		3,301	24
Watering Streets		750	87
		<hr/>	
	\$	49,271	26
Paid Treasurer		\$	49,271 26
Interest			
Taxes of 1912	\$	9	59
Taxes of 1915		6,426	06
Taxes of 1916		5,493	08
Taxes of 1917		857	47
December taxes, 1916		20	50
Sewer assessments		230	21
Sewer apportionments paid in ad- vance		38	00
Sewer connections		49	36

Sewer connections apportionment	
paid in advance	\$ 11 06
Sidewalk assessments	29 36
Betterment assessments	94 83
	<hr/>
	\$ 13,259 52
Paid Treasurer	\$ 13,259 52

Accrued Interest on Sewer Apportionments

Uncollected January 1, 1917 ...	\$ 196 52	
Warrants for 1917	306 49	
Collected and paid Treasurer ...		\$ 315 70
Uncollected January 1, 1918		187 31
	<hr/>	<hr/>
	\$ 503 01	\$ 503 01

Accrued Interest on Sewer Connection Apportionments

Uncollected January 1, 1917	\$ 83 93	
Warrant for 1917	212 79	
Collected and paid Treasurer ..		\$ 190 79
Uncollected January 1, 1918		105 93
	<hr/>	<hr/>
	\$ 296 72	\$ 296 72

Accrued Interest on Sewer Connections Added to Taxes

Uncollected January 1, 1917	\$ 111 23	
Warrant for 1917	154 57	
Collected and paid Treasurer...		\$ 122 97
Uncollected January 1, 1918		142 83
	<hr/>	<hr/>
	\$ 265 80	\$ 265 80

Accrued Interest on Sidewalk Apportionments

Uncollected January 1, 1917	\$ 62 66	
Warrant for 1917	77 54	
Collected and paid Treasurer ...		\$ 108 56
Uncollected January 1, 1918		31 64
	<hr/>	<hr/>
	\$ 140 20	\$ 140 20

Accrued Interest on Betterment Apportionments

Uncollected January 1, 1917....	\$	7	97		
Warrant for 1917		49	66		
Collected and paid Treasurer ...				\$	40 31
Uncollected January 1, 1918					17 32
		<hr/>			
	\$	57	63	\$	57 63

Total Collections

Taxes	\$670,897	64
Street watering	17,077	20
Gypsy and brown-tail moths	823	27
Sewer assessments	4,499	04
Sewer apportionments	2,208	83
Sewer apportionments paid in advance	284	06
Sewer connections	5,562	19
Sewer connection apportionments	1,462	15
Sewer connection apportionments paid in advance	187	04
Sewer connections added to taxes	3,487	87
Sidewalk assessments	7,551	19
Sidewalk apportionments	1,181	70
Betterment assessments	7,427	83
Betterment apportionments	649	68
Betterment apportionments paid in advance	47	40
December taxes	7,270	68
Interest on taxes and assessments	13,259	52
Costs and fees	2,609	76
Accrued interest on sewer apportionments	315	70
Accrued interest on sewer connection apportionments	190	79
Accrued interest on sewer connections added to taxes	122	97

Accrued interest on sidewalk apportionments	\$ 108 56
Accrued interest on betterment apportionments	40 31
Water connections	3,958 71
Sidewalk applications	2,354 34
Water service	87,510 69
Care of Cemeteries	1,003 04
Miscellaneous collections	49,271 26

Total amount collection from Jan. 1, 1917 to Jan. 1, 1918.....	\$891,363 42
--	--------------

Uncollected

Taxes	\$355,589 40
Street watering	8,600 75
Gypsy and brown-tail moths	467 76
Mosquito assessment	3,481 72
Sewer assessments	6,262 32
Sewer apportionments	1,483 02
Sewer connections	2,053 57
Sewer connection apportionments	846 13
Sewer connections added to taxes	4,043 85
Sidewalk assessments	17,123 87
Sidewalk apportionments.....	869 68
Betterment assessments	15,242 43
Betterment apportionments	557 12
December taxes	1,208 42
Accrued interest on sewer apportionments	187 31
Accrued interest on sewer connection apportionments ..	105 93
Accrued interest on sewer connections added to taxes.....	142 83
Accrued interest on sidewalk apportionments	31 64

Accrued interest on betterment apportionments	\$	17	32
Water connections		3,294	38
Sidewalk applications		560	98
Sewer construction, special		2	28
Almshouse or City Home		53	58
Collection of ashes		160	00
Collection of house offal		800	00
Contagious diseases		562	03
Engineering Dept. Expenses		1	44
General Expense—Health Dept...		368	00
General Expense—School Dept...		437	00
General Repairs of Highways... .		1,066	28
Guide Boards and Street Signs..		2	75
Gypsy and brown-tail moths		201	87
Income from estate taken for taxes		22	50
Infantile Paralysis		32	00
Miscellaneous credits		32	28
Outside Relief		932	59
Sewer construction		190	71
Sewer maintenance		34	43
Sidewalks and Edgestones		23	14
Surface Drains		8	50
Trees		17	48
Watering streets		8	70
<hr/>			
Total amount uncollected Jan. 1, 1918			\$427,127 99

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 1917	\$ 1,857 29	
Paid City		\$ 25 00
Paid parties holding titles		1,832 29
	<hr/>	<hr/>
	\$ 1,857 29	\$ 1857 29

Respectfully submitted,

EDWARD W. HAYES,

City Collector.

Report of the Inspector of Buildings

Medford, Mass., January 16, 1918.

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 three hundred and thirty-five (335).

The estimated cost of this work was eight hundred and six thousand one hundred and eight (\$806,108.00).

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

122 were for one-family dwellings

73 were for two-family dwellings

71 were for private garage

4 were for public garage

3 were for repairs after fire

2 were for block of 3 stores

1 was for church

5 were for Manfg.

The remaining 54 were for small additions and general repairs.

MEDFORD HISTORICAL SOCIETY.

REPORT OF INSPECTOR OF BUILDINGS

303

Permits by Wards

Ward 1	21	permits
Ward 2	58	“
Ward 3	75	“
Ward 4	41	“
Ward 5	48	“
Ward 6	67	“
Ward 7	25	“
	335	“

Permits by Months	No. of Permits	Cost
January	20	\$ 64,300 00
February	19	54,350 00
March	41	104,080 00
April	42	71,260 00
May	53	134,445 00
June	26	17,658 00
July	38	77,720 00
August	17	32,700 00
September	39	125,850 00
October	19	45,430 00
November	14	58,150 00
December	7	20,165 00
	335	\$806,108 00

I would recommend that there be Four Hundred Dollars (\$400.) appropriated for general expenses 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,
Inspector of Buildings.

Report of the City Treasurer

January 1, 1918.

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 Jan. 1, 1917	\$ 198,853 73
Receipts to Dec. 31, 1917	1,900,896 65
	<hr/>
	\$2,099,750 38
Expenditures to Dec. 31, 1917	2,074,252 37
	<hr/>
Cash in Treasury, Jan. 1, 1918.....	\$ 25,498 01

Respectfully submitted,

EDWARD A. BADGER,

City Treasurer.

Report of the Trustees of Cemeteries

Medford, Mass., January 1, 1918.

Honorable Benjamin F. Haines,
Mayor of Medford, Mass.

Dear Sir:

In accordance with the provisions of the Charter, the Trustees of Cemeteries hereby submit their annual report:

During the year 1917 there were interments in Oak Grove Cemetery as follows :

In private lots	103
In single graves	86
In free graves	20

209

Included in the above are the ashes of seven cremations.

There were four transfers within Oak Grove Cemetery.

There were no interments in either Cross Street or Salem Street Cemeteries.

There were placed in the Receiving Tomb during the year, seven bodies which, with one exception, were buried in Oak Grove Cemetery.

Sales of Lots and Graves

Lots sold during the year	21
Single graves sold during the year	82

Perpetual Care

Amount added to the Perpetual Care Fund ...	\$ 1,750	13
Total amount in hands of Sinking Fund Com- mission	\$ 47,277	19

Disbursements

Paid for labor, incidentals and supplies	\$ 14,355	35
--	-----------	----

Receipts

Received from sale of lots	\$ 2,555 72
Received from sale of single graves	1,440 00
Received from sale of Riverside Avenue property	1,128 77
Received from insurance	75 00
Received for care, plants, extra work, etc....	3,245 40
Received income from Perpetual Care Fund..	1,610 46
Received by appropriation	4,300 00
	<hr/>
	\$ 14,355 35

Property

The buildings and fences at Oak Grove Cemetery are in fair condition, and will need but little attention the coming year beyond the painting of the barn and sheds.

We regret the lack of money prevents our continuing construction of macadam avenues, but we shall make no request for an appropriation for this purpose during these trying times.

For several years we have asked for an appropriation for filling and grading the Fountain Pond. We believe this should be done at as early a time as possible, as to continue the use of the fountain seems to be an unwarranted and needless expense for water and maintenance.

The fence on the northerly and westerly boundaries of Cross Street Cemetery is in bad condition and should be rebuilt.

Liberty War Lot

Agreeably to an order passed by the Board of Aldermen, on Sept. 18, 1917, a burial lot comprising some 1,500 square feet was set aside for Soldiers and Sailors of the Liberty War, who may have enlisted to the credit of, or were drafted from, Medford, and who may die without a suitable place of burial.

Perpetual Care

When the town of Medford began accepting deposits for Perpetual Care of lots in Oak Grove Cemetery, in 1880, it was at the rate of 16 2-3 cents per square foot, with a minimum deposit of \$25.00. It was continued on this basis until 1909, when the rate was increased to 25 cents per square foot, and two years ago, there was a further increase to 50 cents per square foot.

We know of no cemetery where deposits for perpetual care were accepted for such a low figure as first stated, yet when such a rate was first fixed it undoubtedly covered the cost of doing such work as was done, but now it has come to the time when the income from the deposits made at the original rate do not pay for one-third of the cost of doing the work which is being done and which the lot owners expect. This deficit must be made up by an appropriation by the City Government and the greater the cost of doing the work, the larger must be the appropriation—as the bonds to perpetually do the work have been given and the holders of these bonds cannot be called upon for further deposits or costs. If labor costs are to be further increased, we believe it will be necessary to further increase the perpetual care deposits. In any event, the responsibility rests with the City Government to maintain the integrity of the Perpetual Care Bonds which have been or may be hereafter issued.

We give below a comparative table covering some nearby cemeteries:

Cemetery	Rate per foot	Fund	Income
Forest Dale	\$0 50	\$ 116,773 10	\$ 5,409 07
Mount Auburn	1 00	2,873,056 17	114,922 25
Forest Hills	1 00	1,300,000 00	52,000 00
Cambridge	1 00	117,000 00	5,265 00
Medford, Oak Grove	50	47,277 19	1,610 46

and every foot of ground in Oak Grove Cemetery receives care.

Appropriation

The trustees respectfully request an appropriation of \$5,500.00 for the ensuing year, as follows:

Care of Cemeteries, including pay rolls, providing for Saturday half-holidays for all laborers and a two weeks' vacation for all regular men based on the rate of \$3.00 per day	\$ 4,000 00
Fertilizers, tools, etc.	1,000 00
Filling and grading Fountain Pond	500 00
	\$ 5,500 00

With a view to making the department as nearly self-supporting as possible, we would suggest that a joint committee, consisting of the committees on Finance and Ordinances and Rules of the Board of Aldermen, confer with the Trustees to devise ways and means to secure better financial results.

Respectfully submitted,
 ELLERY A. ARMSTRONG,
 F. W. RAUSKOLB.

Trustees of Cemeteries.

MEDFORD HISTORICAL SOCIETY.

Report of the Board of Health

To the Honorable Benjamin F. Haines, Mayor.

Dear Sir:

We hereby submit our annual report for the year 1917:

Organization

Alfred J. Hawks, M. D., Chairman; Warren S. McIntire,
and Franklin E. Campbell, M. D.

Alvin R. Reed Secretary and Clerk

Leslie E. Morrison Inspector of Health and Plumbing

Paul J. D. Haley, M. D., Medical Inspector

Winslow Joyce..... Inspector of Milk and Vinegar

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 377 deaths; the death rate for the year is
11.12.

Contagious cases reported:

Scarlet Fever	55	0	Deaths
Diphtheria	71	4	"
Measles	514	0	"
Tuberculosis	38	22	"
Typhoid Fever	13	1	"
Varicella	88	0	"
Whooping Cough	15	0	"
Ophthalmia Neonatorum	7	0	"

The proper function of a Health Department is, or should be, the prevention of disease. If there are any new methods that are known to be effective in the lessening of preventable disease they should be adopted by every up-to-date Health Department.

We believe that there are methods that could be adopted, and efforts that could be put forth that would make ours a more efficient and complete organization and would result in a decided lowering of our morbidity from preventable disease; that improvement could and should be made along the lines of child hygiene.

Most of our prevailing preventable diseases, that man is heir to, occur between the ages of 5 and 15; that being the case, if we are to put forth any effort along this line, it must be directed toward those of that age.

In the best conducted Health Departments of our country, the greatest effort to prevent disease is done under bureaus of child hygiene. In the New York City Health Department, which is divided into nine bureaus, the largest is that of child hygiene and it receives one-fifth of the entire appropriation.

Up to the present time, we have had no well organized branch of our work which could be called a department of child hygiene. We have endeavored to keep the schools free from contagion by a system which required those who were out of school to report to the Health Officer and obtain a permit before returning. It has been the means of finding some cases of contagious disease. But, in the main, such regulations have proven annoying to the parents and have allowed many children, for whom no physician was called, and who, at the time of presentation of the child to the health officer, showed none of the signs of the disease, to return to school while still dangerous to other pupils. The only method possible is to employ a nurse to visit the

absentees and call for such expert advice as seems necessary to properly diagnose the sickness, that suitable precautions may be taken to prevent return to school of the child who seems well, but still harbors active contagion.

This Board appreciates the willingness to co-operate on the part of the Board of Aldermen and the other departments, and especially the interest shown by your Honor. The board itself is a unit, and feels that our officials and employees are in harmony with us. With this feeling of harmony, we expect to accomplish a great deal more for the health of this city, and give to the city the best health administration it has ever had.

Respectfully submitted,

ALFRED J. HAWKS, M. D.,

WARREN S. McINTIRE,

FRANKLIN E. CAMBELL, M. D.,

Board of Health.

REPORT OF INSPECTOR OF MILK

Medford, Mass., January 1, 1918.

To the Board of Health:

Gentlemen: I have the honor to submit herewith my fourteenth annual report of the Inspector of Milk, for the year ending December 31, 1917.

Total number of licenses granted for the sale of milk..	182
For the sale of oleomargarine	26

Whole number of licenses	208
Amount of fees received and paid City Collector ...	\$104 00

I have collected and analyzed 206 samples of milk and cream taken from wagons and stores, and found 38 slightly below the legal standard.

I have also tested 12 samples of vinegar and 4 of butter, all of which were of standard quality. Constant watch has been kept for coloring matter and preservatives in milk, in the meantime.

Respectfully submitted,
WINSLOW JOYCE,
 Inspector of Milk.

REPORT OF INSPECTOR OF MEATS AND PROVISIONS

Medford, Mass., December 31, 1917.

To the Board of Health:

Gentlemen: As Inspector of Meats and Provisions, I herewith submit the annual report, for the year ending December 31, 1917:

Inspections as follows:

Grocery stores	36
Grocery and provision stores	27
Bakery shops	6
Lunch rooms	14
Baker carts	2
Ice cream parlors	11
Butter, cheese and egg stores	8
Fruit stores	11
Fish markets	13
Fish carts	8
Meat carts	2
Total Inspection	138

Failures to comply with the Law:

Meats condemned and destroyed:

	Lbs.
Corn beef	17½
Fowl	24
Chicken	13¼
Veal	9½
Fresh tripe	3
Corned shoulders	6¾
Pork ribs	5
Hamburg steak	9
Lamb	23
Lamb liver	2½
Beef liver	3¼
Total meats destroyed	116¾

Fish condemned and destroyed:

Salt fish	6	lbs.
Oysters	2	qts.
Mackerel	3¼	lbs.
Shad	5¾	lbs.
Clams .....	.1	pt.

Vegetables condemned and destroyed:

Lettuce	27	hds.
Spinach	50	lbs.
Kale	37	lbs.
Cabbage	42	lbs.

Respectfully submitted,

FRANCIS W. LUMBERT,

Inspector of Meats and Provisions.

REPORT OF MEDICAL INSPECTOR

Medford, Mass., January 1, 1918.

To the Board of Health:

Medford, Mass.

Gentlemen: I herewith submit my report as Medical Inspector, for the year 1917.

Visits made:

Chicken pox	9
Diphtheria	74
German measles	2
Measles	6
Mumps	4
Ophthalmia Neanotorum	9
Scarlet fever	7
Tuberculosis	18
Typhoid fever	1
Whooping cough	5
Total	135

Respectfully submitted,

PAUL J. D. HALEY, M. D.

REPORT OF INSPECTOR OF PLUMBING

Medford, Mass., December 31, 1917,

To the Board of Health:

Gentlemen: I herewith submit the twenty-fourth annual report of the Inspector of Plumbing, for the year ending December 31, 1917.

Permits issued to plumb new buildings	159
Permits issued to alter or remodel plumbing	69

Permits issued to connect old work with sewer	18
Permits issued last year, work started this year	15
Permits issued last year, work finished this year	129
Permits issued this year, work not completed	34
Buildings in which work was subjected to test	207
Buildings in which work was subjected to inspection..	390
Buildings connected with sewer during year	188
Buildings connected with cesspool during year	15
Number of inspections during the year	1017
Number of fixtures installed this year	1322

Respectfully submitted,

L. E. MORRISON,

Inspector of Plumbing.

REPORT OF HEALTH INSPECTOR

Medford, Mass., December 31, 1917.

To the Board of Health:

Gentlemen: As Health Inspector, I herewith submit my report for the year ending December 31, 1917:

Inspections were made as follows:

Unclean or unsanitary premises	73
Overflowing cesspool	5
Disagreeable odor, various causes	9
Garbage, pails not properly cared for, etc.	57
Stagnant water	9
Nuisance on vacant land, dumps, etc.....	17
Cows, cowbarns, piggens, henyards	27
Dead animals on public highways	31
Defective plumbing or water-supply	11
Bakeries, lunch carts, restaurants	13

Barber shops	9
Infant boarding houses	17
Fumigations	3
Ordered to connect with sewer	5
No cause found for complaint, at time of inspection....	17

Total number of inspections during the year..... 303
 Respectfully submitted,
 L. E. MORRISON,
 Health Inspector.

Financial Report Year Ending Dec. 30, 1917

Received account of general fund,	\$1,592 50
Expended account of general fund	1,591 32
	<hr/>
Balance	\$ 1 18
Received account contagious diseases	\$2,724 50
Expended account contagious diseases	2,723 53
	<hr/>
Balance	\$ 97

Report of the City Physician

Medford, Mass., December, 31, 1917.

Hon. Benjamin F. Haines, Mayor.

Dear Sir:

I have the honor to submit the annual report of the City Physician, for the year ending Dec. 31, 1917.

Number of house calls	119
Number of office calls	43
Number of calls to the Police Station	48
Number of calls to the City Home	60
Number of calls to sick policemen	20
Number of calls to sick firemen	6
Number of calls for the police ambulance	21
Number of examinations for the City Solicitor	2
Number of days at Court	3
Number of vaccinations	4
Number of confinements attended	2
Number of prescriptions written	142
Number of reports made to the Chief of Police	20
Number of reports to the Chief of the Fire Department	6
Number of reports made to the City Solicitor	2
Examinations of applicants for the Fire Department..	4

Notwithstanding the numerous changes made in the management of the City Home during the year, it is my opinion that the inmates did not suffer. All of the Matrons performed conscientious and sympathetic work for the aged

and infirm inmates. My observations have led me to place a higher value on the services of the Matron than on those of the Superintendent. The Overseers of the Poor have been fortunate in their selection of matrons for this institution.

Former City Physicians have advocated the establishment of a City Hospital. The present time calls for such an institution more than ever before. The need is so urgent that arguments in its favor are not necessary.

Very respectfully,
E. W. BARRETT, M. D.,
City Physician.

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 31, 1917:

Whole number of arrests	663
Males	618
Females	45
Adults	551
Minors	112
Residents	497
Non-residents	166
Arrested on warrants	157
Arrested without warrants	506
Held for trial	558

Cause of Arrest

Adultery	2
Assault and Battery	34
Assault on an officer	2
Arson	1
Absent from Army Camp	2
Assault with intent to rape	2
Assault	5
Bastardy	3
Breaking and entering	29
Concealing mortgaged property	1
Conspiracy	2

Creating disturbance	1
Concealed weapons	2
Default	8
Disturbing the peace	1
Drunkenness	151
Delinquent child	5
Desertion of wife and child	1
Disturbance on public conveyance	7
Escaped prisoners	4
False alarm of fire	2
Failing to stop after injuring a person while operating an auto	1
Gaming or present at	4
Hunting without a license	1
Insane	23
Incest	1
Kidnapping	1
Larceny	65
Lewd and lascivious	3
Malicious mischief	1
Manslaughter	3
Non-support	19
Neglected children	2
No lights on wagon	10
Non-support of parent	1
Non-payment of wages	22
Peddling without a license	1
Operating auto while under the influence of liquor..	3
Rape	1
Receiving stolen goods	3
Robbery	1
Accessory before the fact of rape	1
Accessory after the fact of rape	1
Stubborn child	5
Suspicious person	1
Trespass	1
Truants	6

Unlawful appropriation of auto	5
Unlawful use of property	1
Violation of City Ordinance	12
Violation of the Lord's Day	17
Violation of the Milk Law	1
Violation of the Park Rules	1
Violation of the Probation	5
Violation of the Buildings Laws	1
Violation of the Auto Laws	157
Violation of the Parole	1
Violation of Selective Laws	1
Violation of the Traffic Rules	11
Wilful injury to property	4

Miscellaneous Work

Amount of property reported stolen	\$ 7,657 06
Amount property recovered by police	\$17,043 30
Accidents reported	79
Buildings found open and secured	295
Cases investigated	1434
Defective streets and sidewalks reported	213
Defective water pipes reported	98
Defective vaults and drains reported	22
Defective wires reported	101
Dead bodies cared for	10
Disturbances suppressed	59
Dogs killed	8
Extra hours duty done by officers	2007
Buildings reported vacant	125
Cats shot	5
Dead bodies in street	3
Extra hours without pay	1344
Fire alarms sounded	5
Fires extinguished without alarm	21
Gas turned off in buildings	19
Horses found cast or loose in stables	1
Lanterns placed on defects in streets	46

Lost children returned home	68
Notices posted and delivered	1138
Number of runs of patrol wagon	2477
Number of miles run	13231
Sick and injured persons assisted	149
Stray teams carded for	1
Street obstructions removed	8
Street lights reported out	428
Search warrants served	2
Seizures made	1
Horse in trench	1
Horses shot	3
Hours of duty at fires	125
Officers at Court	295
Dangerous poles	10
Runaway horses stopped	2
Stray teams put up	3
Suicides reported	5
Trees reported dangerous	33
Water running to waste	10

You will note that the amount of property stolen in the City this year is \$7,657.06 and the amount of property recovered by the Department is \$17,643.30. The reason is that the Police Department recovered a number of automobiles that had been stolen from other cities amounting to \$11,000. The persons responsible for the thefts of the same were arrested in this city, prosecuted, convicted and committed to jail.

Respectfully submitted,
 JOHN F. WELCH,
 Chief of Police.

Report of the Inspector of Animals

Medford, Mass., January 1, 1918.

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 of the City of Medford, for the year ending December 31, 1917.

It is with a great deal of satisfaction that I can report that there have been fewer cases of contagious disease in animals of all kinds in our city during the past year than in any other year that I have been acting as Inspector of Animals.

Tuberculosis: Although three cows were quarantined and killed as being suspected of having tuberculosis, only one of them was found to have that disease, on post mortem examination. The premises occupied by that cow was thoroughly disinfected and cleansed. Twenty-four head of cattle were brought into Medford from out of the State, and were quarantined and later tested by an agent of the Department of Animal Industry, and were released as free from disease.

Barn Inspection. Although the price of cattle and cattle feed is higher than ever before known in this country, I found almost as many cattle in this city as were found last year. I made physical examination of 171 cows; 20 young cattle and 3 bulls stabled on 34 premises. With one excep-

tion these animals were found healthy and with exception of three premises their surroundings were clean and sanitary; 273 head of swine were examined and found apparently in good health; also examined one goat.

Glanders. Only two horses were reported to me as being suspected of having glanders. These two animals were given the ophthalmic mallein test with negative results and samples of blood submitted to the Department of Animal Industry gave negative results to the complement fixation test; the horses were therefore released from observation. The watering troughs are still kept closed on order of the State authorities and undoubtedly is the chief factor in keeping down the number of cases of this disease.

Inter-State Horses : All horses coming into Massachusetts from New York, Rhode Island and Connecticut must be accompanied by a permit and must be examined upon arrival to see if they are free from symptoms of glanders. During the year 33 horses were received in this city, were examined and released.

Mange : Only one horse has been under observation for this disease the past year and is still under treatment.

Rabies : There have been no cases of this disease in this city during this past year but investigation was made of two cases where dogs had bitten people. These dogs were placed in quarantine for a period of fourteen days for observation and were then released, no symptoms of rabies having manifested themselves.

Respectfully submitted,

HARRIE W. PEIRCE,

Inspector of Animals.

Report of Superintendent of Wires and Gas Fitting

Medford, Mass., January 18, 1918.

Hon. Benjamin F. Haine
Mayor of the City of Medford.

Dear Sir:

I have the honor of submitting the tenth annual report of the Department of Wires and Gas Fitting, Fire and Police Signals and Street Lights for the year ending December 31, 1917.

Police Signal System

There are about 6 miles of twisted pair wire connected to this signal system, which has been installed on poles since 1905. This wire is now so old that it is giving a great amount of trouble, especially in wet weather, and should be replaced by new wire.

Fire Alarm Signal System

A new signal system is being installed to replace the old one, which will be completed the first of this year; with the ten new boxes being installed, this city will be well protected by the fire alarm system.

The Fire and Police signal wires from Medford square to Moore square, to Oakland street, to Governors avenue, will be all connected and working underground the first of this year, with the new Signal system.

Street Lighting

To continue the present system of Street Lighting on Salem street, where the wires are underground, is a waste of money. Immediate steps should be taken to remedy this poorly lighted street.

During the year there have been added thirty 60 C. P., at \$15. per year.

At present there are 204½ 250 C. P. lamps, burning from dusk until daylight, at \$60. per year;

16 250 C. P. lamps burning from dusk until midnight, at \$43.80 per year;

824 60 C. P. lamps burning from dusk until 2 a. m., at at \$15. per year.

Gas Piping and Fixtures

Number of permits issued for meters	177
Number of tests and inspections	830

Interior Wiring of Buildings

Number permits issued for meters.....	260
Number of wiring notices received	970
Amounts received for Gas permits	\$177 00
Amounts received for electrical permits	260 50

Recommendations

Salary of Supt. of Wires and Gas Fitting	\$ 1,500 00
Electrical Dept. Expenses	400 00
Fire and Police Signal service	500 00
Street Lighting	25,500 00
Salary of lineman	1,200 00

Expenses

	Appropriated	Expended	Balance
Salary of Supt.	\$1,500 00	\$1,500 00	.....
Electrical Dept.	289 50	288 58	\$ 92
Fire and Police Signal	614 84	612 81	2 03
Street Lighting	25,300 00	25,064 34	235 66
Special Appropriation	3,500 00	3,500 00	.....

Respectfully submitted,

HENRY A. GAFFNEY,

Supt. of Wires and Gas Fitting.

Report of the School Department

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SCHOOL COMMITTEE FOR 1917

Membership

Hon. Benjamin F. Haines, Mayor, Ex-Officio.

At Large

	<i>Term Expires</i>
Edward W. Barrett, M. D., 34 Washington Street.....	1919
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., West Medford..1917
4. Clara T. Guild (Mrs.), 31 College Avenue.....1917
5. George S. T. Fuller, 7 Alfred Street
6. Joseph W. Phelan, 60 Brooks St., W. Medford....1918
7. Joseph C. Smith, 38 Fifth St., Wellington.....1919

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 Buliding, 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 St.

Superintendent's Clerks

Annie I. Letson8 Fulton St.

Rose Morison23 Pearl St.

Office—High School, Forest Street.

Office Hours—8 to 1 and 2 to 5 every school day, and 8 to 12 on Saturdays.

Office Telephone—34 Medford.

SCHOOL CALENDAR FOR 1918

Winter Term

First Half—Begins January 7 and closes February 15
Vacation of one week.

Second Half—Begins February 25 and closes April 12.
Vacation of one week.

Spring Term

Begins April 22 and closes Friday, June 28.

Fall Term

Begins September 4 (Wednesday) and closes December 20.

Holidays During Term Time

Every Saturday, Columbus Day, Thanksgiving Day with one half-day preceding and the day following it, May 30 and June 17.

REPORT OF SCHOOL COMMITTEE

Medford, Mass., December, 1917.

To His Honor, Benjamin F. Haines, Mayor:

Sir: The School Committee herewith submits its annual report.

The only increase in our school buildings, during the past year, has been in the opening of the four-room addition to the Osgood School. The Junior High, on the Swan School site, is still under construction. No new buildings have been started although the Committee asked, early in the year, for a reconstruction of the Lincoln School so as to provide another Junior High. This request has not been granted. The Committee still feels that there is a pressing need for additional accommodation in this district, which is increasing every term. Early in the next year, it is probable that the Committee will again press its request, hoping it may receive a more favorable consideration.

The congestion in Fulton Heights district has not been relieved. The temporary additions that were considered last year were not made at all. In fact, the conditions change so rapidly in this district that it is, indeed, hard to keep up with them, but the Committee feels fully warranted in asking for an eight-room building, to be immediately constructed in this district.

The pleasure of being able to increase the salaries of our teachers, janitors and other employees has been very much taken away by the distressing condition in regard to repairs to our buildings, and the coal situation.

Practically all of our appropriation for repairs had to be spent in meeting the requirement of a new state law in regard to boilers. Doubtless this new law adds to the safety of pupils, but it, unfortunately, took the money from a sadly deficient part of our school department, that is, the

“up keep” of our school buildings. The City certainly should consider carefully the question of “up keep” of our buildings, and see that a certain percentage is spent on this every year. This is most carefully looked after by all successful private parties owning buildings.

During the summer, the fuel committee filled every coal bin in our schools and even suggested that we store some; this was such a radical departure from our usual procedure that it was not considered. This was most unfortunate, for it seems now that many, and perhaps all, of the buildings may have to close for a more or less extended period on account of lack of fuel. It is not generally known that many of our coal bins will not hold a full year’s supply of fuel and that their capacity cannot be increased. In view of this fact, it is here earnestly recommended that the Committee be permitted to store coal, another summer, on City or some hired property.

The automobile received by the Committee early in the summer does not give us an opportunity to try out the suggestion made in last year’s report. We wished for an auto to take care of the cartage of school desks, chairs, books, boxes, etc., between our buildings. This amounts to considerable, and our express bills are surprisingly large. We are still of the opinion that the experiment should be tried.

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 has been written with the thought in mind that it would best serve its purpose, not by a detailed recital of the work of the schools during the past year but, rather, by a brief presentation of enough of the year's results to enable the public to know whether or not its schools are progressing or going backward in efficiency, and by a discussion of what seems to be the fundamental need if greater efficiency is to be secured.

Such statistical tables as it has seemed desirable to compile from year to year for purposes of reference and comparison have been placed for the present year in the appendix of this report.

General Conditions in the Schools.

From the various points of view from which the efficiency of a school system is generally estimated,— viz.,— regularity of attendance of pupils, percentage of pupils worked up to promotion standard, proportion of pupils held in school beyond the compulsory attendance age, standing of graduates both in higher institutions of learning and in lines of vocational activity for which special training has been given, and in the working atmosphere of the school-rooms, our schools have shown during the past year a degree of efficiency that, on the whole, is commendable. The regularity of attendance of the pupils for the past year (93.6 per cent.) is slightly better than for the previous year, and is a fraction above the similar average for the State; the proportion of our school population registered in the high school section (18.6 per cent.) is 4 per cent. more than the similar proportion for the State; and at no time, since I became connected with the schools of the City, has the working atmosphere of the school-rooms appeared to me better, on the whole, than during the past year.

Whatever satisfaction these conditions may afford is tempered, in my mind, by the fact that our schools are not doing all that they might for the boys and girls of the City. The principal reason for this, as I see it, is that the School Department for several years past has not had enough money to do its work properly. There has not been a year during the past eight years when the amount of money expended for support of schools for each child in the average membership of the schools of Medford has not been less by considerable than the average similar expenditure for the State at large. For the school year, 1909-10, Medford spent for support of school \$1.54 per child less than the similar average for the State; for 1910-11, \$2.39 less; for 1911-12, \$3.53 less; for 1912-13, \$6.25 less; for 1913-14, \$7.43 less; for 1914-15, \$6.42 less; for 1915-16, \$7.23 less; and 1916-17, \$8.68 less.

Not only do these figures support the previous assertion that Medford has expended for the support of its schools for the past eight years an amount per child annually that is less than the similar amount for the State at large; but, what is more significant and more opposed to the best interests of the city educationally, there has been a practically steady increase during those eight years in the amount by which Medford has annually fallen below the State average in its expenditure.

It is hardly reasonable to expect that a community can permanently maintain a system of public education that compares favorably with the standard in communities of similar character upon a per capita expenditure less by any considerable amount than that in those other communities. That Medford, in spite of a per capita expenditure lower than the State average, has been able, up to the present time, to maintain a creditable standing educationally, is due largely to two facts,—(1) that our teachers have been urged to a degree of effort that has caused some to regard the Superintendent as an unsparing task-master, and (2) that, with few exceptions, they have responded to that urging with the best effort of which they have been capable.

It may not be out of place in this connection to say that I have never worked with a corps of teachers that, as a whole, held higher ideals, with respect to their duty to the boys and girls whom they taught, than the teachers who have had charge of our schools during the years that I have been with you. That there has been an occasional exception by no means affects the correctness of the statement as a general truth.

Thus far I have pointed out that the amount of money that Medford has been spending for the support of its public schools for the past several years has been inadequate; and have supported that statement by showing that Medford's annual per capita expenditure for eight years back for the above purpose has been noticeably less than the average for the State at large. It is my purpose, next, to note some of the particular items in connection with the support of the schools for which the City needs to spend larger sums than it has heretofore.

1. There is need for larger expenditure for teachers' salaries.

The most important single factor in maintaining an efficient school system is the teacher. Under present economic conditions, the quality of our teaching corps cannot long be kept at its present standard, much less be improved, unless an advance is made in the salary maximums of the several departments.

Even before the war conditions which, by the higher salaries open in various other lines of activity, are making it increasingly difficult, not only to hold some of the best material in the teaching ranks, but also to tempt others to enter, it was necessary, at times, when vacancies came, to employ teachers who were not our first choice, simply because inadequate appropriations compelled it.

The demand for better salaries for teachers has its justification in the fact that a comparatively low salary schedule in any community results ultimately in a teaching

corps lacking the personality and intellectual power to be stimulating leaders of boys and girls in things educational.

Certain things are absolutely essential in the equipment of teachers, if boys and girls are to receive the maximum of profit from the time they spend in the schools. (1) For one thing, teachers need a broader outlook upon life and its problems than many now have. Such an outlook as comes, not only from broad initial training, but also from a wide range of outside interests, a reasonable amount of travel, and sufficient familiarity with the best in the various forms of art to be safe directors of young people along these lines. (2) Again, if teachers are to be at their best, they must grow in distinctly professional lines while in service. This requires attendance upon educational conventions and summer schools, and familiarity with educational magazines and the newer books on education. (3) Finally, the teachers need the advantage of comfortable, homelike conditions in their boarding quarters; the ability to dress becomingly at all times; and freedom from the continual worry that presses down upon one who is obliged not only to plan studiously to stretch her salary to meet present needs, but also to see little addition annually to the amount that can be put away for a time of need.

These conditions, and more that might be enumerated, require an expenditure that the majority of our public school teachers today are unable to make, because their salaries are insufficient; yet they are conditions absolutely necessary in the preparation and life of teachers, if our public schools are to measure up to their possibilities.

Not only do comparatively low salaries hinder the best development of the teacher along those lines that make her a stronger force in the school-room, but they operate, also, to deter many of the ablest young men and women from taking up teaching as a life work. The degree to which this fact is depleting the list of prospective teachers at present is suggested by the following conditions, which are somewhat characteristic. In June, 1916, over 500 young

women completed their preparation in the various training schools for service in the public schools of New York City. In September, 1917, only 314 young women entered those same training schools. Based upon the experience of the past, about 250 of that number may be expected to graduate for service in the schools. This means a dropping off of 50 per cent. in the supply of new teachers in that one city in June, 1919, as compared with the supply in June, 1916. A similar condition for the country at large presents grave possibilities of danger to our public school system, which, so far as I am able to see, can be prevented only by the payment of salaries sufficiently large to make teaching an attractive occupation financially. A recent bulletin of the National Education Association comments upon this situation in the following words: "The pay of teachers was more than 25 per cent. too low before the rapid advance in the cost of living. It is more than 50 per cent. too low at the present time. Hundreds of our strongest class-room teachers are resigning every month to accept positions in other lines of work. They regret to leave teaching, but they say that they cannot live and care for those dependent upon them on the salaries paid by the public schools. As a result, schools are about to lose in efficiency. Any thinking public-spirited person must deplore such a result, because, to grapple successfully with the after-war conditions that are inevitable, the boys and girls of today need the best training that it is possible to give them.

There is another reason why the City should spend more money for teachers.

Educators generally are convinced that about 30 pupils are as many as one teacher can successfully teach in the elementary schools. Personally, I believe that number too large for the best results. Present conditions in our local schools, with respect to the number of pupils in the various rooms of the elementary schools in charge of one teacher, are as follows. Out of 123 rooms, 11 have 50 or more pupils each; 18 have from 45 to 49 each; 33 have from 40 to 44

each, and 43 have from 30 to 39 each. In other words, 105, or 85 per cent. of the entire number, are filled beyond the point considered by educators generally as desirable from the point of efficiency. This overcrowding of rooms is made necessary chiefly because not enough money has been available for teaching purposes.

It may be interesting to note how the per capita cost for teaching in Medford compares with that for other cities of the State.

(a) Cost for teaching in the Elementary Grades, based on the average membership.

For the year ending with June, 1917, the cost per pupil for teaching in the elementary grades of Medford was \$21.52. The average similar cost for that year for the other 36 cities of the Commonwealth was \$27.87, i. e., for the past school year Medford paid for teaching in its elementary schools \$6.35 less per child than the average amount paid in the other cities of Massachusetts. In other words, if Medford had expended for teaching the boys and girls in the elementary grades of its public schools as much per pupil as the average for the other cities of the State, our total expenditure for teachers in the elementary schools alone would have been \$28,530.55 larger than it was for the past school year.

(b) Cost for teaching in the High School Grades, based on the average membership.

For the year ending with June, 1917, the cost per pupil for teaching high school pupils in Medford was \$47.02. The average similar cost for the same year for the other 36 cities of the Commonwealth was 55.76, i. e., for the past school year Medford paid for teaching the pupils in its high school \$8.74 less per child than the average amount paid in the other cities of Massachusetts. In other words, if Medford had expended for teaching its high school boys and girls as much per pupil as the average for the other cities of the State, our total expenditure for high school teachers alone would have been \$10,199.58 more than it was for the past school year.

The unsatisfactory conditions that I have pointed out with respect to our expenditure for the important work of teaching is not peculiar to the past school year. There has been no one of the past eight years, at least, in which Medford has not spent for teachers' salaries less than the average for the other cities of the State. The exact figures covering this period are as follows: for the school-year 1909-10, Medford's expenditure for teachers' salaries was \$2.86 less for each child in the average membership of its schools than the average for the other 36 cities; for 1910-11, \$3.21 less; for 1911-12, \$6.42 less; for 1912-13, \$5.19 less; for 1913-14, \$6.65 less; for 1914-15, \$6.35 less; for 1915-16, \$6.21 less; for 1916-17, \$5.21 less.

2. Another item for which more money is needed is text-books. For the year ending with June, 1917, Medford's expenditure for text-books for each child in the average membership of its schools was 65 cents. The average similar expenditure for the same period for the other cities of the State was 76 cents. In other words, if Medford had spent for text-books as much per pupil as the average for the other cities of the Commonwealth, we should have required for this item alone \$622.60 more than was used.

3. Again, janitor service for the past school-year cost \$2.26 for each pupil in the average membership of the schools in Medford. The average similar cost for the other cities of the State was \$3.21. In other words, if Medford had expended for the past year as much per pupil for janitor service in its schools as the average for the other cities of Massachusetts, we should have required for this item alone an appropriation larger than we had by \$5,377. In view of these figures, the possibility of an increase in the pay of janitors may well be considered.

4. Again, Medford's expenditure for the school-year ending with June, 1917, for "General Control" of its schools,—i. e., for expenses of School Committee, Superintendent and office force—was \$1.17 for each pupil in the average membership of its schools. The similar average for the other cities of the State was \$1.84, or 67 cents per pupil more than the

cost in Medford. In other words, if we had expended for "General Control" alone as much per pupil as the average for the other cities of the State, it would have cost the City for this single item \$3,792.20 more than it did.

5. Another item that I desire to note is the expenditure for "Repairs, Replacement and Upkeep of Buildings and Grounds." For this purpose, Medford spent for the year ending with June, 1917, eighty-four cents for each pupil in the average membership of its schools. The average similar expenditure for the other cities of the State was \$2.02, an amount larger than the expenditure for Medford by \$1.18 per pupil. This means that, if we had spent for this item an amount equal to the average for the other cities of the Commonwealth, we should have needed for this purpose alone \$6,678.80 more than we used.

Not only has our expenditure for this item been less than the average for other cities, as I have indicated, but also it has been too small for the past several years to prevent deterioration of the City's property. The average of our expenditures for this item for the past five years has been \$4,037.26 per year. The approximate valuation of our school buildings and grounds at the present time is \$1,274,100., and at no time during the past five years has the valuation been less than \$850,000.

In view of these facts, it is evident to anyone who understands the per cent. of valuation required for the reasonable upkeep of school property that the appropriations made by the City for repairs upon school property have made it impossible for the School Committee to keep the property in its charge in proper condition. As a matter of fact, in spite of all that could be done with the limited appropriations granted the Committee, there has been during the past few years a degree of deterioration in the general condition of our school-buildings, grounds, and equipment that is regrettable. The one bit of comfort for the school management in this matter is that it has annually asked for more money for "Repairs" than has been granted.

6. Another item that should be noted in this connection

is the expenditure for the promotion of health conditions in our schools.

For the year ending with June, 1917, Medford spent less than four cents per pupil in the average membership of its public schools for this purpose. The average similar expenditure for the other cities of the State was 39 cents per pupil.

It is a matter of simple justice, in view of the compulsory school attendance law of the State, for a community to safeguard properly the health of children in their connection with the schools. Furthermore, it is wise economy, in my judgment, for a town or city to do what it can to keep its school children physically and mentally in a condition so that they are able to get the maximum profit from the expenditure made for their instruction in the schools. Now it is hardly reasonable to suppose that Medford can either do justice to its school children or practice wise economy in their instruction by an annual expenditure of four cents per child for the promotion of health conditions in the schools, when the 36 other cities of the Commonwealth find it advisable to expend 39 cents per child for a similar purpose.

From the foregoing showing with respect to our annual expenditure for school support as compared with that in other cities of the Commonwealth, it seems that Medford is spending for the education of its young people a discredibly small amount per pupil.

I believe that I understand the temper of our citizens well enough to be certain that they want for their boys and girls educational advantages equal, at least, to those given elsewhere. I am equally certain that it unreasonable to expect that, for any considerable length of time, we can maintain schools as efficient as those in other cities upon a much smaller expenditure per pupil than they require. Therefore, although it is not a pleasant task to advocate increased taxation for our citizens, I cannot discharge my duty fairly, as I see it, if I refrain from calling attention to what the

foregoing statistics suggest, viz., that larger appropriations are needed for public education in our City. Either our citizens must be willing to tax themselves more heavily than they have been doing in recent years, at least, or they must be satisfied to have their children given inferior public school privileges.

Additional School Accommodations

Before closing this report, I deem it my duty to call attention to the need for increased expenditure to enlarge our present school accommodations. There are two points at which this need is particularly felt at present, viz., in the Fulton Heights section and in the South Medford section. In my judgment, if the best interests of the city are to be served, **immediate** action for enlarged housing facilities for the school children of **both** these sections is required.

For more than a year, it has been necessary to compel the children above Grade III in the Fulton Heights district to travel to our central schools at considerable inconvenience and, in view of the conditions of travel in that area, at no little hardship to the children, while the pupils of the first three grades, who, because of their immaturity, were retained in the single-room building which is the only school building in this district, have been on half-time sessions, because they numbered so many that it was impossible to handle them in a single group.

For several months the School Committee has been considering how best to relieve the unsatisfactory conditions at this point, and it is gratifying to note that an architect was recently authorized to prepare plans for an eight-room structure to provide the needed relief for this district.

The need for immediate action looking toward additional accommodations in the South Medford district is apparent from the following facts. There are 51 regular class-rooms in the five school buildings south and west of the Mystic River. At the present time, not only is every one of these 51 rooms in use and the majority of them filled

beyond the point that is desirable for the best results, but it is necessary, also, to crowd one class into the small room designed for sewing at the Lorin L. Dame School, and, furthermore, to place two other classes in the Lincoln School hall where they are working at a disadvantage easily understood by one who is at all familiar with school administration. Thus, not only are we using, today, every available regular class-room in this entire district, but we have, also, three additional classes in make-shift quarters. In view of these conditions and of the further facts (a) that for the past three years the increase of the school population in this area has been sufficient to fill three or four rooms annually to the normal capacity and (b) that such enlargement as is needed could not possibly be made ready for use before September, 1919, it would seem that work upon additional accommodations in this district should have been started some time ago.

Realizing the need, the School Committee over a year ago had plans prepared for the enlargement of the Lincoln School building for a second Junior High School center. This enlargement, if carried out, would not only relieve the congested conditions in the South Medford District, but would also aid in relieving overcrowded conditions at the Senior High School, which are compelling us at present to run that school on a double-shift plan with more or less detriment to the efficiency of its work.

Under date of April 9, 1917, the School Committee sent a communication to His Honor, the Mayor, calling attention to the need of an appropriation to carry out the Committee's idea for the enlargement of the Lincoln School building: This need was later made known by the Mayor to the Board of Aldermen with a request for an appropriation for the desired enlargement.

No appropriation for the purpose having been made, the School Committee again sent in a request, under date of September 24, 1917, for an appropriation for the same purpose. Up to the present time, that request has not been

given favorable consideration. On the contrary, a committee authorized by the Board of Alderman opposed and, by such opposition, prevented the possibility of action by the General Court authorizing the City to incur additional indebtedness sufficient to carry out the plan of the School Committee for the needed enlargement of the school accommodations for the southern section of the City. It may be that the School Committee is mistaken with respect to what the educational well-being of the City requires in this case, but I am unable to understand how one with a knowledge of conditions as they are can think so. In my judgment, the best interests of the City demand an immediate appropriation for additional accommodations for this district. Good school facilities are worth, always, more than they cost; and a school system that provides first-class advantages is the best asset a community can possess.

To any who feel that, during the period of war, expenditure for public education should slacken, I desire to express my belief that the world crisis which confronts us today demands increased expenditure for public schools rather than curtailment. Within my knowledge, there has never been a time when the need to maintain the public school system of our land at the maximum of its possible efficiency was more imperative than it is today, when autocracy and democracy are in a death grapple. Curtailment of public school expenditure under present war conditions is a misfortune in any American community. Thoughtful men and women foresee, in the years following the war, an industrial and commercial competition between peoples that will demand of our citizenship a degree of trained intelligence such as the past has not required, if America is to hold its position in the struggle. We do well, therefore, to provide the best possible facilities for training in our public schools the boys and girls who are to be the men and women of affairs of tomorrow.

In this connection, the following words from a recent communication by President Lowell of Harvard University

deserve thoughtful consideration: "The strain of war in European countries has shown how much the fighting strength of a nation depends upon the education of its people; and after this war is over the country will need well-educated men and women more than ever in the course of its history.

"The war has demonstrated that education, from the lowest to the highest grade, is not an ornament, but a prime factor in the efficiency of a nation. The public schools, therefore, instead of being neglected, should be the more fostered during the war."

Conclusion

One hears it said frequently: "As is the teacher, so is the school." As fixing the responsibility for the character of the schools of a community where it really belongs, that statement is only partially true. To carry the thought to its logical conclusion, one needs to add,—as is the school committee of a community, so are the teachers whom it employs; and, further, as is the community, so is the committee whom it chooses for the important task of managing its schools. In the final analysis, therefore, the responsibility for good or poor schools rests upon the community itself. If the public schools are ever to reach the maximum of their possible efficiency, people in general must rouse themselves to a realization of the fact that the interests involved in the public schools are among the most important of any for which a community has to provide, and, therefore, that public well-being demands that those interests should be safeguarded and promoted with extreme wisdom and with generous expenditure.

This report is submitted in the hope that something may have been said that will aid the cause of public education in the City.

Respectfully,

FRED H. NICKERSON,

Superintendent of Schools.

March 11, 1918.

APPENDIX A

TABLE I.—Number of Pupils in the Different Grades, December, 1917.

SCHOOLS	Grade Ib	Grade Ia	Grade IIb	Grade IIa	Grade IIIb	Grade IIIa	Grade IVb	Grade IVa	Grade Vb	Grade Va	Grade Vlb	Grade VIa	Grade VIlb	Grade VIIa	Grade VIIlb	Grade VIIIa	HIGH SCHOOL							Totals			
																	Class I	Class I'	Class II	Class II'	Class III	Class III'	Class IV		Class IV'	Post Grad.	
High Centre	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	248	131	176	105	156	46	180	57	7	1106	
Washington	..	..	..	..	..	34	41	23	38	30	33	38	55	18	46	157	..	..	..	..	..	..	..	..	..	..	203
Franklin	..	..	..	..	..	..	..	37	85	64	78	47	45	45	67	..	..	..	..	..	..	..	..	..	..	..	468
Everett	47	25	39	26	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	162
Osgood	17	10	12	13	19	11	13	7	10	14	17	..	15	..	21	..	..	..	..	..	..	..	..	..	..	..	179
James	48	27	52	39	44	19	55	18	19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	321
Curtis	50	35	40	23	26	46	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	269
Brooks	..	..	..	19	28	28	66	29	67	47	48	39	50	36	39	25	..	..	..	..	..	..	..	..	..	..	521
Gleason	35	13	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	66
Hervey	44	22	27	17	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	133
Lorin L. Dame	..	..	..	..	23	19	43	47	64	60	64	49	56	41	64	..	..	..	..	..	..	..	..	..	..	..	530
Hancock	78	22	25	24	40	27	43	16	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	316
Craddock	29	14	30	22	24	13	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	155
Hillside	50	34	43	24	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	175
Lincoln	..	..	..	..	47	39	81	45	75	66	98	53	70	47	52	..	..	..	..	..	..	..	..	..	..	..	673
Tufts	108	52	73	47	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	325
Fulton Street	22	14	12	5	8	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	71
Total, Dec., 1917 ...	528	268	371	259	376	246	414	222	399	281	338	226	291	187	289	182	248	131	176	105	156	46	180	57	7	5983	
Total, Dec., 1916 ...	796	630	622	636	680	564	478	471	379	281	202	237	7	5983	..	..	..	..	..	..	..	..	..	..	..	..	5736
Total, Dec., 1915 .	634	600	641	652	582	521	510	466	394	273	295	150	18	5555	..	..	..	..	..	..	..	..	..	..	..	..	5555
Total, Dec., 1914 .	620	634	603	578	516	468	516	333	392	186	167	11	5220	..	..	..	..	..	..	..	..	..	..	..	..	5220	
Total, Dec., 1914 .	649	582	551	517	512	475	494	423	461	240	188	131	6	5220	..	..	..	..	..	..	..	..	..	..	..	..	5220

TABLE II.—NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS OF THE DAY SCHOOLS,
DECEMBER, 1917

Regular Day School Teachers				Supervisors and Special Instructors									Totals
	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	Penmanship	
Male	14	3	0	0	0	0	0	1	0	0	3	1	22
Female	36	56	67	1	1	2	1	0	1	1	0	0	166
Total	50	59	67	1	1	2	1	1	1	1	3	1	188

Comparison with a similar tabulation for 1916 shows that fourteen teachers were added to the staff in 1917.

TABLE III.—Average Age of Pupils in the Respective Grades,
September, 1917.

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 2	6 11	7 5	8 1	8 7	9 3	9 6	10 2

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 4	11 8	12 5	12 7	13 3	13 6	14 2

HIGH							
I	I'	II	II'	III	III'	IV	IV'
yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.	yr. mo.
14 3	14 6	15 1	15 16	16 2	16 8	17 2	17 9

TABLE IV.—ATTENDANCE DATA, ETC., FOR THE SCHOOL YEAR ENDING JUNE, 1917.

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 Dismission
High	1187	525	662	1167.03	1106.58	94.82	....	40	90	1809	1115
Centre	113	62	51	115.46	114.26	98.96	....	10	38	197	49
Washington	328	150	178	294.65	277.37	94.13	4	17	71	219	173
Franklin	497	254	243	457.90	430.31	93.97	17	23	64	434	311
Everett	198	105	93	161.89	149.93	92.61	1	4	15	140	44
Osgood	190	85	105	154.84	144.86	93.55	1	....	....	158	94
James	366	189	177	304.18	284.02	93.37	6	15	31	207	113
Curtis	344	193	151	264.01	243.83	92.35	2	4	12	273	137
Brooks	508	257	251	493.12	454.48	92.16	3	24	89	202	513
Gleason	88	50	38	62.25	55.73	89.52	....	1	2	43	51
Hervey	168	95	73	112.55	100.92	89.67	1	3	34½	300	59
Lorin L. Dame	609	324	285	537.64	506.46	94.20	6	20	48	406	424
Hancock	284	151	133	224.95	209.94	93.33	....	5	14	237	66
Cradock	151	76	75	154.73	144.36	93.30	....	7	13	178	71
Hillside	174	86	88	134.17	121.60	90.63	....	....	....	143	73
Lincoln	687	338	349	650.65	611.44	93.97	3	30	51	317	412
Tufts	431	223	208	317.89	295.83	93.06	....	16	140	315	90
Fulton Street	66	38	28	62.37	47.35	90.42	....	....	....	167	16
Totals	6389	3201	3188	5660.28	5299.27	93.62	44	219	721½	5745	3811

Table V.
ANNUAL FINANCIAL EXHIBIT FOR 1917

1. General Statement

Receipts

Original appropriation		\$196,302 00
Supplementary appropriations:		
Salaries of teachers	\$ 8,412 00	
Books and supplies	3,000 00	
Fuel	4,500 00	
General expenses	1,000 00	
Repairs	1,500 00	
Stewardship	1,375 00	
		\$ 19,787 00
From the following sources:		
Tuition from non-residents.....	\$ 75 00	
Tuition from State wards	1,262 25	
Tuition from city of Boston wards	52 50	\$ 1,389 75
		\$217,478 75

Expenditures

Teachers, Superintendent and Clerks	\$163,428 78	
Janitors, Engineer and Truant Officer	14,445 65	
Secretary of School Committee..	300 00	
Medical Inspector	200 00	
		\$178,374 43
Books and Supplies		11,498 80
Fuel		15,256 21
Repairs		4,835 73
General Expenses (Miscellaneous items not classified under the above headings)		5,087 39
		\$215,052 56

Total expenditure for support of regular day schools	\$215,052 56
Evening School	1,624 26
Summer School	348 40
Farm and Garden Supervisors ..	280 07
	<hr/>
Total	\$217,305 29
Unexpended balance	173 46

2. Average Expenditure Per Pupil

a. Regular Day Schools

(Based on the average membership of the schools for fiscal year, 5779.9).

For Teaching (including High School Clerk)....	\$27 50
For Supervision (Superintendent and Clerks)....	78
For Janitors, Engineer and Truant Officer	2 48
For Secretary of School Committee	05
For Books	68
For Supplies	1 35
For Fuel	2 64
For Repairs	90
For Medical Inspection	03
For General expenses (Miscellaneous items not classified under the above headings).....	79
	<hr/>

Total cost per pupil for day school purposes.. \$37 20

b. Evening School

(Based on the average membership of the school for the 19 weeks of the fiscal year that the school was maintained, 191.9).

For Teaching	\$6 82
For Janitors	56
For Lighting	64
For Books and Supplies	41
For Printing	03
	<hr/>

Total

	\$8 46
--	--------

c. Summer School

(Manual Department)

(Based on enrollment of school, 272)

For Teaching and Janitor Service \$1 28

3. Cost for High School Maintenance**a. Total Expenditure**

Salaries (teachers, janitor, engineer, clerk)...	\$61,404 24
Books	1,614 44
Supplies	3,065 81
Fuel	4,089 30
Sundries	1,030 49
Repairs	873 41
	<hr/>
Total	\$72,077 69

b. Average Expenditure Per Pupil

(Based on average membership for the fiscal year, 1157.9).

Salaries (teachers, janitor, engineer, clerk)..	\$53 03
Books	1 39
Supplies	2 65
Fuel	3 53
Sundries	89
Repairs	76
	<hr/>
Total	\$ 62 25

APPENDIX B

June twenty-seven, Nineteen hundred seventeen.

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

Reginald V. Smith

"By-gone Days"Radecke
School Chorus

Essay, "A Tribute to the Nation by the Girls of America"
Cecelia Mary LeBlanc

"Neil Gwyn" a. "Pastoral Dance"German
b. "Country Dance"
School Orchestra

Essay, "The War: A Means of Good"

M. Arthur Noble

"Unfold, Ye Portals" from "The Redemption"Gounod
School Chorus

Valedictory Essay, "What Americanism Means to Us"

Nancy Pearl Oxnard

Selection, "Katinka"Herbert
School Orchestra

PRESENTATION OF DIPLOMAS

By Hon. Benjamin F. Haines

"America"

GRADUATING CLASS

Walter Joseph Ballou, Jr.	Lydia Alvino
Colin Hartley Bell	Violet Anita Anderson
Joseph Francis DeSales Brawley	Mae Lillian Bailey
Lewis Newton Brown	Elizabeth Bernadine Bolivar
George Lawrence Campbell	Minnie Hazel Boynton
Arnold Gray Carey	Marion Louise Briggs
Waldo Francis Carter	Florence Rowena Brintnall
George Lawrence Connor	Josephine Claire Browne
Seldon Percival Coombs	Mildred Frances Bumstead
Lewis Swett Cooper	Marian Alma Chowm
Frederick Augustus Cosgrove, Jr.	Helen Gertrude Cobb
Carl Russell Crosby	Ethel Alberta Coes
Charles Ira Cunningham	Isabel Frances Coffey
Lovell Mills Cushing	Mabel Elizabeth Condon
Hobart Evans Early	Alice Gertrude Conway
Julius Federman	Barbara Covelle
Albert Leland Gates	Alice Elizabeth Creedem
Melville Fuller Grant	Laura Cecile Cunningham
Freeman Mark Grimes	Cora Evis Delano
John Warton Bates Hall	Mary Esther Doran
John Henry Hartnett	Dorothy Drew
Paul Landers Heagney	Alice May Dugmore
Raymond Henry Hollis	Helen Irene Fairweather
Harold Talbot Leahy	Regina Cecilia Fay
Samuel Lipson	Marion Julia Finnin
Francis Joseph MacDonald	Mary Underhill Flett
Leo James Maher	Gladys Josephine Gilliatt
Theodore Robert Molinari	Catherine Frances Grady
Francis Joseph Morrissey	Pauline Kendall Gurney
Matthew John Murdock	Beatrice Hazel Hinman
John Joseph Nelson	Edna Lucile Hudgins
Milton Arthur Noble	Jane Thomson Hunter
James William Norton	Dorothea Pricilla James
Arthur John O'Brien	Margaret Mary Kelly
Harry Charles O'Brien	Marjorie Annie Kenneally
Daniel Joseph O'Leary	Ruby Olive Kerr
Ralph Barker Preston	Esther Elizabeth Landerkin
Herbert Eugene Rhone	Cecilia Mary LeBlanc
Milton Scott Rich	Grace Margaret Libby
Ellery Eldridge Rogers	Alice Lincoln
Paul Edward Roswall	Bernice Marion Lovejoy
James Philip Rourke	Elizabeth Louise Lowry
Philip Noden Sanford	Gertrude Anna Luby
Francis Leo Shannon	Katharine Mary Lynch
Reginald Vincent Smith	Agnes Florence McCarthy
August William Steinhauser	Helen Ruth McCarthy
Oscar Edwin Swenson	Isabel Margaret McDonald
Richard Wait	Mary Geraldine McInnis
Edward Charles Wolenty	Mary Duncan McLean
Joseph Wakeman Wood	Katharine Russell Magoun
Chester Percival Yancey	Grace Marguerite Mahoney

Gladys Edwards Mitchell	Margaret Elizabeth Shine
Lillian Mary Mulcahy	Deborah Ramsay Smith
Gertrude Eleanor Murray	Ruth Hathaway Smith
Hulda Loretta Nicholson	Olive Mildred Spear
Frances O'Callaghan	Mildred Spencer
Nancy Pearl Oxnard	Ruth Stewart
Gertrude Alice Powell	Alice Beatrice Stoard
Lillian Merle Pride	Katharine Appleton Stone
Mary Josephine Reagan	Nina Louise Tibbets
Mary Esther Reynolds	Marion Gertrude Ward
Sadie Catherine Roberts	Marion Drucilla Warner
Helen Grace Rogers	Marion Eugene Webber
Mary Dorothy Rourke	Margaret Weir
Doris Vena Rowe	Dorothy Frances Wholley
Ruth Marjorie Sargent	Minnie Charlotte Wolk
Elizabeth Louise Savage	Eleanor Stone Wyman
Lisette Eugenia Schmitz	Edna Louise Young
Beatrice Marie Seldon	

No. of boys graduated	51
No. of girls graduated	86
Total No. graduated	137
Average age at graudation 18 yrs. 1 mo.	

HONORABLE MENTION

Asterisks Indicate Advanced Work

Lydia Alvino	*English, *Latin, French
Marian Alma Chown	French
Helen Gertrude Cobb	*English
Albert Leland Gates	*English, *Latin, French, *Mathematics
Catherine Frances Grady	*English
Esther Elizabeth Landerkin	*English
Elizabeth Louise Lowry	*English, *Latin
Isabel Margaret McDonald	*English, *Latin, German
Katharine Russell Magoun	*English
Gladys Edwards Mitchell	*English
Theodore Roberts Molinari	*Commercial Subjects
Milton Arthur Noble	*English
James William Norton	History
Harry Charles O'Brien	History
Nancy Pearl Oxnard	*English, *Latin, French, *Mathematics
Lillian Merle Pride	*English
Mary Dorothy Rourke	History
Ruth Marjorie Sargent	*English, *Latin, French
Elizabeth Louise Savage	*English, *Latin
Ruth Stewart	*English, *Latin
Katharine Appleton Stone	*English
Nina Louise Tibbetts	*English, French, History
Minnie Charlotte Wolk	*English, *Latin, French
Eleanor Stone Wyman	*English, French

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 C

1. Pupils Promoted to High School, February, 1917
Centre School

Girls

W. Lillian Barber
 Marjorie E. Berry
 Marjorie A. Boss
 Emily S. Burke
 Norma C. Carlson
 Alice Conway
 Ruth E. Dale
 Jennie C. DeMan
 Margaret Dinneen
 Helen F. Donaghy
 Helen A. Donovan
 Edna G. Drinkwater
 Winifred G. Floyd
 Zelma A. Friedman
 Lilla E. Granger
 Violet Heughins
 *Florence V. Hickman
 Georgia M. Hogan
 Ethel M. Hopkins
 Agnes L. Howard
 Evelyn L. Johnson
 Thelma C. Johnson
 Thelma M. Johnson
 Luella G. Kenneally
 Julia E. Kohute
 Gladys R. Landry
 Phyllis E. Leach
 Annie K. Leary
 Thelma E. Lombard
 Charlotte C. McClellan
 A. Clara MacConnell
 M. Doris MacDowell
 Alice M. MacKay
 Theresa M. Mahoney
 Lillian E. Margullis
 Berenice G. Messenger
 Susie M. Maxfield
 Sara J. Robertson
 Barbara Roscoe
 Genevieve H. Rose
 Alice K. Ross
 Marie J. Ryan
 Marion R. Spencer
 Kathleen M. Welch
 Flora B. Young

Boys

Adin B. Bailey
 Joseph F. Batchelder
 James T. Blair
 William F. Cannon
 Robert H. Cathcart, Jr.
 Philogene F. DeZutter
 Frederick A. Dodge
 George J. Garland
 William E. Gillis
 William F. Grady
 Thomas F. Grant
 John J. Greelish
 A. Oscar Herson
 John E. Hinds
 Charles K. Jonah
 George J. Jung
 Gilson H. Kingman
 Edward C. Kuhu
 Curtis S. Leonard
 *Angelo F. Lowney
 J. Gerard McDavitt
 James B. McGrath
 Robert C. McQueston
 Paul A. McNulty
 Llewellyn W. Marshall
 G. Harris Meserve
 Alvetis Monighetti
 George A. Morse
 Benjamin F. Myers, Jr.
 Leonard B. O'Callaghan
 Robert J. O'Connor
 Walter J. Rhodes, Jr.
 William J. Rooney
 Michael E. Santoianni
 Thomas E. Shields
 Clinton A. Smith
 Ansley R. Strachan
 Edward Surabian
 Robert W. Torrens
 Douglas S. Turner

* Did not enter High School.

Brooks School

Boys
 William G. Berry
 Herbert C. Brooks
 Nelson P. Case
 Frank F. Greene
 Cedric C. Hamilton
 Myles E. Hatch
 John F. Jackson
 Henry McCarthy
 Cerenio F. Metcalf
 Edwin H. Ober
 Melvin G. Pierce
 Howard F. Rhone
 John A. Roberts
 Ralph A. Robinson
 Charles E. Rollins
 N. Carleton Ross
 Edward F. Sise
 C. Louis Sullivan

Girls
 Hazel M. Bassett
 *Winifred J. Bruce
 Anna I. Coffey
 Dorothy M. Dunn
 Leta E. Marshall
 Elizabeth H. Mulkerin
 Ruth Norton
 Frieda M. Peaslee
 Annie T. Quinn
 Ruth E. Rice
 Marguerite M. Rinfret

Lorin L. Dame School

Boys
 Frederick E. Bean
 Robert B. Burrows
 *Wilfred S. Doane
 Edgar H. Gallant
 Raymond L. Gibbs
 John J. Gillespie
 Stephen E. Gillis
 Frederick Joyce
 *S. Delbert Law
 John S. McGuinness
 Leonard J. Myers
 John A. Prior
 Allan Wessells

Girls
 Honora F. Brown
 Annie M. Buckley
 Catherine E. Douglas
 Nora F. Galvin
 Louise R. Griffith
 Grace E. Hammond
 L. Pauline Metcalf
 Hope E. Moran
 Ethel J. Preble

* Did not enter High School.

Lincoln School

Boys
 Salvatore Altemerio
 John E. Babineau
 Joseph E. Boutilier
 Leo J. Cullen
 Gerard DeBoey
 W. Webster Delano
 Daniel M. Dempsey
 *Walter B. Gordon, Jr.
 Gustavus G. A. Innes
 Allan H. Locke
 Allen J. MacKay

Girls
 Catherine L. Bowler
 Mildred M. Briggs
 Mary A. Cavagnaro
 Mary A. Conry
 Beatrice G. Croft
 Mildred L. Douglas
 Mary H. Foley
 Mafalda L. Gallerani
 Agnes E. Gingras
 Geraldine J. Guthrie
 Winifred O. Hogan

David B. Maitland
 Herbert P. Molinari
 Telico J. Rappoli
 Theodore Reed
 Robert J. Weldon
 *Norman J. Wentworth

Gladys L. MacInnes
 Janet C. Maitland
 Charlotte W. Morrell
 Margaret M. R. Murphy
 Swanhild M. Ross
 Doris E. Smith
 Mabel A. Sullivan
 Mary C. Waite

* Did not enter High School.

Entered High School, February, 1917, 96 per cent.

2. Pupils Promoted to High School, June, 1917

Centre School

Boys

Ralph C. Achorn
 Rupert B. Barry
 *Clarence C. Bates
 Gordon I. Berry
 Perez Bonney
 *Pasquale Carpenito
 Henry L. Carroll
 *Samuel Castleman
 Winston C. Churchill
 Reuben Diamonds
 Hurburt L. Dill
 Oren F. Fraser
 Maurice T. Freeman
 Gilbert F. Gillis
 *Henry Gironi
 Charles F. Glennon
 Francis Greelish
 Fernald E. Ham
 David F. Higgins
 Jack H. Johnson
 John J. Johnston
 James L. Kelley
 Kenneth K. Kilpatrick
 Lawrence C. Littlefield
 Michael Mahoney
 Roy W. Marden
 George A. Moore
 John P. Murphy
 Raymond J. Murphy
 Martin L. Niland
 Norman E. Nutter
 Thomas O'Brien
 Arthur M. Parker
 Wendell S. Phillips
 Arthur H. Pine
 S. David Potts
 *Francis M. Quine

Girls

Gunhild J. M. Anderson
 Dora M. Barchard
 Marguerite L. Blangeard
 Ruth Brogan
 *Camella M. Bruno
 Margery E. Buchanan
 Ethel M. Cantell
 M. Veronica Canty
 Dorothy S. Carleton
 Gladys M. Cook
 E. Marian Donaghy
 Catherine G. Donahue
 Grace H. Fitzgerald
 *Fannie M. Foresteire
 Hilda L. Gale
 Edna M. Gates
 Agnes L. Gilleland
 Alice V. Goditiaboiss
 Muriel A. Jones
 Dorothy E. Lord
 Mabel E. Lord
 Irene F. Lumbert
 Anna C. Lyons
 Mary A. MacDonald
 *Katharine C. MacKinnon
 Nellie Magee
 Helen E. Marson
 Florence M. Miller
 Florence W. Mintiens
 Surpouhe Morigian
 *F. May Murphy
 Mary J. Murphy
 Elva L. Nicoll
 Elizabeth Noonan
 G. Lucille Ogden
 Phyllis E. Ordway
 Dorothy F. Osborne

Francis X. Quirke
 John F. Rice
 Norman A. Shenk
 Joseph W. Trainor
 Allen C. Walker
 C. Elliott Ward

Ellen V. Reagan
 Etta I. Risman
 Barbara St. Dennis
 Elizabeth J. Sewell
 *Gertrude Steinberg
 Yvonne F. Taylor
 Florence M. L. Tesson
 Edith I. Thompson
 E. Margaret Tibbetts
 Thelma C. Toomey
 Violet G. Troop
 Elizabeth M. Watson
 Emily J. Watson
 Ruth E. Wiltshire
 L. Isabella Wishman
 Mildred M. Ysebaert

* Did not enter High School.

Brooks School

Boys

Henry C. Brawley
 Edward M. Brooks
 Philip W. Clafin
 H. Stanley Cullington, Jr.
 *Leo F. Gearty
 James B. Harlow
 Frederick Ingraham
 Samuel H. Leo, Jr.
 Edward P. Oxnard
 Curtis K. Pinkham
 J. Fennell Reilly
 Clarence B. Rood
 *Meyer Snyder
 W. Aborn Spinney
 *W. Henry Williams

Girls

Georgina B. Constantine
 Eleanor Crosby
 Lois E. Howland
 Alice L. Johnson
 Marion G. Kimball
 Mary Linnane
 Eleanor Marvin
 Irene K. Murray
 Marian F. Peabody
 Virginia L. Quinn
 Hazel L. Samson
 Frances M. Stephens
 Esther Tyberg
 Beatrice M. Tyler

Lorin L. Dame School

Boys

Earl F. Ballou
 Andrew Brown
 John F. Byrne
 Thomas H. Canty
 *Thomas J. Casserly
 Perry K. Chandler
 C. Chester Church
 George W. Deering
 Raymond D'Italia
 Wolcott E. Farmer
 Sidney L. Giles
 Thomas J. Higgins
 Edmund B. Leahy
 Arthur R. Lloy
 Robert B. Lockhart

Girls

Florence F. Bailey
 Elsie G. Brown
 Miriam R. Brown
 Laura D. Caldwell
 *Janet D. Cassidy
 *Frances A. Cole
 Mary E. Coss
 Dorothy M. Crump
 Edna D. England
 Alice F. Farmer
 Elizabeth R. Field
 Evelyn P. Forest
 Edna M. Goodwin
 Gertrude I. Green
 Irma G. Harris

George T. Lovell
 J. Earl Macaulay
 Daniel A. Manley
 Frank R. Moran
 John M. Pirie
 Paul G. Richmond
 Fred L. Ryan
 Gove W. Sleeper
 Warren J. Sullivan
 Zarah Surabian
 Warren L. Thorpe
 L. Russell Tooley
 Frederick L. Weston

Dorothea E. Huckins
 Alice McCusker
 Katherine A. McGuine
 Gertrude M. Mahoney
 Lillian G. M. Marshall
 Pauline G. Richmond
 Beatrice I. Sullivan
 Alice E. Sweetser
 Marion E. Ward
 Kathleen Worcester

* Did not enter High School.

Lincoln School

Boys

F. Herbert Bumstead
 John B. Casey
 James A. Connolly
 Bernard L. Cook
 *Robert W. Davis
 Victor DiStasio
 Ernest R. Eastman
 Nicholas Eastman, Jr.
 Raymond P. Garland
 Henry W. Hansen
 *John J. Kelley
 Duncan L. MacKay
 Charles E. Mander
 Francis T. McGowan
 Francis McNally
 Wilbur T. Nelson
 Edward L. Nurse
 Francis K. Perry
 *Harry L. Quimby
 *Wallace A. Ritchie
 *Walter J. Searles
 Joseph H. Sharrillo
 *Harry Sherwin
 Wendell E. Thomas
 Frank M. Toeperzer
 *Avard C. Trahey

Girls

Dorothea F. Bacigalupo
 Florence J. Bemis
 *Giovannina Brigandi
 *Mary S. Dahan
 *Edna P. Edsberg
 *Ramona G. Egge
 Edith A. Ellis
 *Josephine Floccher
 Hortense A. George
 *Marion E. Glynn
 Evelyn G. Lyons
 *Louise G. Nazzaro
 *Clara Nourse
 Helen E. Paschal
 Marie L. Rathbun
 Eleanor J. Raynor
 Edith P. Redpath
 Jean Roxburgh
 Helen R. Squires
 Ivy E. Stoker
 Marguerite E. Taylor
 Isabelle Wardrope

* Did not enter High School.

Entered High School, September, 1917, 86 per cent.

APPENDIX D
ORGANIZATION OF SCHOOL STAFF
December 31, 1917

(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,	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, Gottengen,	1894
Percy S. Brayton, A. B.,	Dept. of Physical Science and Mathe- matics,	Harvard,	1903
Laura P. Patten,	Dept. of Chemistry and Household Science,	Salem Normal, Boston University,	1897
Hila Helen Small, A. M.,	Dept. of English,	Boston University,	1915
Philip I. Towle,	Dept. of Com. Sub- jects,	Bowdoin Simmons,	1917
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
Harold Lyon, M. S.,	General Science and Botany,	Harvard, Mass. Agri.	1916
Arthur Schubert, A. B.,	English, German,	Bates,	1916
Philip F. Whitten, B. S.,	History, Physical Training,	Amherst,	1916
Laurence L. Brown, A. M.,	History, Civics,	Harvard,	1917
Arthur W. Johnson,	Stenography, Arithmetic,	Bay Path Institute,	1917
Albert A. Whitmore, A. M.,	History, Civics,	University of Maine	1917
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 Commerce,	1911
Bessie J. Mason,	Bookkeeping,	Plymouth Business School,	1912
Lillian R. Edmands, A. B.,	Biology, Botany,	Mt. Holyoke,	1912
Elizabeth W. Carvell,	Stenography, Type- writing, Bookkeep- ing,	Potsdam Normal, New Brunswick Normal,	1913

Grace F. Garvin,	English,	Potsdam Normal,	1900
Octavia Chapin, A. B.,	Chemistry, Physics,	Tufts,	1914
Cora E. Riley, A. B.,	Mathematics,	Mt. Holyoke,	1914
Mabel A. Gannett,	English,	Brown,	1914
Lura M. Wakefield,	Cooking,	Gorham Normal,	
		Simmons,	1914
Louise Anderson, A. B.,	English,	Boston University,	1914
Lillian M. Bowker, A. B.,	French,	Boston University,	1915
Martha R. Stevens, A. B.,	History,	Boston University,	1915
Christine D. Ross,	French,	Steybeers-	
		schen Inst., Leip-	
		zig; La Sor-	
		bonne, Paris,	1915
Miriam R. Woolley,	Millinery, Sewing,	Simmons,	1915
Charlvinne B. Davis,	English, Commercial		
	Subjects,	Burdett,	1915
Dora S. Perkins, A. B.,	English,	Boston University,	
Lubelle H. Hodgman, A. B.,	Latin,	Colby,	1916
Madeline C. Brydon, A. B.,	French, German,	Smith,	1916
Alice J. Thatcher,	Stenography, Type-	Boston University,	1916
	writing,		
Elisabeth F. Jackson, Ph D.,		Wellesley, Uni-	
	English, History,	versity of Penn.	
Jennie M. Pedersen,	Bookkeeping, Type-		1916
	writing, Com. Geog.,	Salem Normal,	1916
Lois Peacock, A. B.,	General Science, Com.		
	Correspondence,	Colby,	1917
Helen S. Stover, A. B.,	English, Latin,	Boston University.	1917
Marion W. Raymenton, A. B.,	English, History,	Jackson,	1917
S. Marie Wakefield,	Cooking, Sewing,	Nassau Institute.	1917
Elizabeth Myles, A. B.,	French,	Radcliffe.	1917
Gladys Brock, A. B.	English,	Radcliffe,	1917
Emily L. Hanson, A. B.,	English, Com. Corres-		
	pondence,	Colby,	1917
Miriam F. Remele,	Clerk,		1911

* Dept. of Ancient Languages. † Dept. of Modern Languages.

CENTRE SCHOOL

Nilla G. Clinton,			
Acting Principal,	8A.,	Framingham Normal,	1911
Josephine E. Welsh,	8A.,	Salem Normal,	1917
Edith M. Forster,	8A.,	Hyannis Normal,	1917
Alice D. Ayres,	8A.,	Norwich Academy,	1908
‡Adella Adams,	8B.,	Hitchcock Academy,	1916

WASHINGTON SCHOOL

Lucille M. Dunton,	Principal,	Somerville High,	1906
Helen L. Hanson,	7A., 7B.,	Kingfisher College,	1917
Annie E. Durgin,	7B.,	Salem Normal,	1877

REPORT OF SCHOOL DEPARTMENT

Ethel E. Asker,	6A.,	Fredericton Normal, N. B.,	1900
Minnie E. Kattell,	6B., 5A.,	Hyannis Normal,	1914
Madeline E. Connor,	5A., 5B.,	Salem Normal,	1914
Sara K. Ordway,	4A., 4B.,	Salem Normal,	1916
Mary P. Titcomb,	4B., 3A.,	Girls' Latin, Boston,	1904

FRANKLIN SCHOOL

Alice D. Bowen,	Principal,	Salem Normal,	1915
Lida M. Mann,	8B.,	Gorham Normal,	1917
Mary Waitt,	8B.,	Coffin School, Nantucket,	1903
Bertha R. Davis,	7A.,	Fitchburg Normal,	1910
Flora D. Jacques,	7B.,	Farmington Normal, Me.,	1916
Dorothy C. Little,	6A.,	Bridgewater Normal,	1917
Anna M. Roberts,	6B.,	Hyannis Normal,	1901
Helen G. Manley,	6B.,	Salem Normal,	1916
Mabel Seward,	5A.,	Farmington Normal, Me.,	1912
Louise B. Jenkins,	5A., 5B.,	Bridgewater Normal,	1917
Anna L. DeAvellar,	5B.,	Salem Normal,	1915
Gertrude P. Dwyer,	4A.,	Mt. St. Vincent College,	1916

EVERETT SCHOOL

Ida L. Hartshorn,	Principal,	Medford High School,	1872
Alice C. Reed,	3B., 2A.,	Hyannis Normal,	1893
Ruth K. Burrage,	2B.,	Bridgewater Normal,	1898
Margaret L. Purcell,	1A., 1B.,	Lowell Normal,	1917

OSGOOD SCHOOL

Elizabeth T. Newell, B. S.,	Principal,	8B., 7B.,	Columbia University,	1914
Caroline H. Corey,	6B., 5A.,	Hyannis Normal,	1913	
Bertha C. Brown,	5B., 4A., 4B.,	New Britain Normal,	1896	
Helen N. Wilson,	3A., 3B.,	Perry Kg. Tr. School,	1916	
Josephine W. Leighton,	2A., 2B.,	Portland Training School,	1915	
Ethel M. Patten,	1A., 1B.,	Salem Normal,	1917	
‡Substitute.				

JAMES SCHOOL

Nellie M. Baker,	Principal,	5B., 4A.,	Farmington Normal,	1897
Alice G. Boyle,	4B.,	Salem Normal,	1917	
Katherine M. Clark,	4B., 3A.,	North Adams Normal,	1908	
Emma J. Bresnahan,	3B.,	Salem Normal,	1907	
Ruth S. Wardwell,	2A.,	Miss Wheelock's Kg. Tr.	1915	
		School,		
Melissa J. Hargraves,	2B.,	Perry Kg. Training	1917	
		School,		
Ruth W. Carpenter,	2B., 1A.,	Miss Fisher's Kg. Tr.	1898	
		School,		
Anna S. Tucker,	1B.,	Miss Symonds' Kg. Tr.	1914	
		School,		

CURTIS SCHOOL

Marie L. Leach,	4B.,	Framingham Normal,	1917
Amy W. Bradbury,	3A.,	Salem Normal,	1909
Agnes G. Sweeney,	3B., 2A.,	Salem Normal,	1903
Jennie S. Archibald,			
Principal,	2B.,	Medford High School,	1890
Josephine A. Martin,	1A.,	Oread Institute,	1905
Elizabeth VanH. Frame,	1B.,	Castine Normal,	1915

BROOKS SCHOOL

George F. Weston, Jr., A. M. Principal,		Brown University,	1917
Gertrude S. Light,			
Principal's Assistant,	8A.,	Girls' High, Boston,	1884
Frances M. Eastman, A. B.,	8B.,	Smith College,	1902
Lena E. Patten,	7A.,	N. H. State Normal,	1910
Bertha E. Forster,	7B.,	Fitchburg Normal,	1903
Annie P. Danforth,	6A.,	Salem Normal,	1903
Alice F. Wilbur,	6B.,	Bridgewater Normal,	1889
Grace W. Lilly,	5A.,	Farmington Normal, Me.,	1904
Ethel M. Crook,	5B.,	Eastern State Normal,	1916
Maud W. Bacon,	5B., 4A.,	Castine Normal,	1915
Elizabeth J. Colcord,	4A., 4B.,	Salem Normal,	1915
Charlotte M. Macadam,	4B., 3A.,	Salem Normal,	1915
Annie W. Hubbard,	3B., 2A.,	Bradford Academy,	1897

GLEASON SCHOOL

Catharina W. Billings,			
Principal,	2A., 2B.,	Quincy High,	1892
Alice L. Bryan,	1A., 1B.,	Miss Symonds' Tr. School,	1893

HERVEY SCHOOL

Elizabeth R. Carty,			
Principal,	3B., 2A.,	Girls' High, Boston,	1891
Ella L. Alden,	2B.,	Medford High School,	1883
Alice R. Sprague,	1A.,	Miss Wheelock's Training School,	1902
Kathleen V. O'Hara,	1B.,	Boston Normal School,	1911

LORIN L. DAME SCHOOL

Galen W. Flanders,		Bridgewater Normal,	
Principal		Harvard,	1910
Mary E. Frye,			
Principal's Assistant,	8B.,	Farmington Normal, Me.,	1912
Marion Pierce,	8B., 7A.,	Concord Training School,	1910
Gertrude B. Thyng,	7A., 7B.,	Farmington Normal, Me.,	1912
Vandelia A. Dexter,	7B., 6A.,	Salem Normal,	1909
Harriett B. Garritt,	6A., 6B.,	Framingham Normal,	1911
Helen I. Whipple,	6B.,	Boston University, Hyannis Normal,	1917
Annie M. Henderson,	5A.,	Coburn Institute,	1914
Harriet E. Brooks,	5A., 5B.,	Dudley Academy,	1887
Margaret E. Troxell,	5B., 4A.,	Shippensburg Normal, Pa.,	1917
Josie L. Blakely,	4A.,	Salem Normal,	1904
Ruth A. Brown,	4B.,	Hyannis Normal,	1917
Della E. Joslin,	3A., 3B.,	Bridgewater Normal,	1902

HANCOCK SCHOOL

Ida B. Jacques, Principal,	5B.,	Aroostook State Normal,	1916
Winifred M. Crockwell,	4A., 4B.,	Salem Normal,	1908
Elsie M. Stewart,	4B., 3A.,	Framingham Normal,	1917
Mary E. Forsythe,	3B.,	Plattsburg Normal,	1916
Lena R. Volpe,	2A., 2B.,	Miss Wheelock's Kg. Tr. School,	1914
Laura A. Hillman,	2B., 1A.,	Miss Fisher's Kg. Tr. School,	1917
Annie M. Jenness,	1B.,	Froebel Training School,	1912
Marjorie F. Green,	1B.,	Miss Wheeler's Kg. Tr. School,	1917

CRADOCK SCHOOL

Alice G. Phemister,	4B., 3A.,	Mrs. Perry's Training School,	1905
Adelaide S. Herriott, Principal,	3B., 2A.,	Hyannis Normal,	1878
Miriam P. Clark,	2B., 1A.,	Lowell Normal,	1910
Genevieve F. Kane,	1B.,	Gorham Normal,	1916

HILLSIDE SCHOOL

Mabel T. Kalloch, Principal,	3B., 2A.,	Farmington Normal,	1909
Cora M. Gordon,	2B.,	Bangor Training School,	1907
Mary S. Truland,	1A.,	Plymouth Normal,	1917
Helen C. Townsend,	1B.,	Bridgewater Normal,	1905

LINCOLN SCHOOL

George W. Parsons, A. M., Principal,		Bowdoin,	1890
Rhoda C. Slate, Principal's Assistant	8B.,	Westfield Normal,	1901
Annie E. Barbeau,	7A.,	Denver City Normal,	1901
Alma A. Thomas,	7B.,	Tufts College,	1910
A. Gertrude Sharkey,	7B., 6A.,	Salem Normal,	1914
Grace D. Fisher,	6A., 6B.,	Bridgewater Normal,	1917
E. Alice Payn-Sills,	6B.,	Provincial Normal, N. B.,	1892
Mary E. Gorman,	6B.,	Salem Normal,	1907
Gladys A. Young,	5A.,	Gorham Normal, Maine.,	1917
Anna D. Rose,	5A.,	Salem Normal,	1915
Harriet E. Gage,	5B.,	Salem Normal,	1912
Retta Barrett,	5B.,	Westfield Normal,	1905
Grace Titcomb,	4A.,	Salem Normal,	1911
Winnifred K. Partridge,	4B.,	Bridgewater Normal,	1916
Edith G. Wheaton,	4B.,	Salem Normal,	1915
Abbie C. Moxley,	3A.,	Castleton, Vt. Normal,	1917
Maude F. Patten,	3B.,	Salem Normal,	1917

TUFTS SCHOOL

Jessie M. Dinsmore, Principal,		Hyannis Normal,	1885
Mary I. Phemister,	3B.,	Chelsea High School,	1897
Martha S. Wheeler,	2A.,	Salem Normal,	1914
Emma E. Whitney,	2B.,	Framingham Normal,	1894
Mary E. Gilligan,	2B.,	Boynton High, Eastport, Maine,	1916

REPORT OF SCHOOL DEPARTMENT

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Jane M. Barnard,	1A.,	Miss Symonds' Kg. Tr. School,	1896
Ada V. Dolan,	1A., 1B.,	Salem Normal,	1915
Marion P. Goodwin.	1B.,	Miss Symonds' Kg. Tr. School,	1910
Estelle F. Stetson,	1B.,	Salem Normal,	1913

FULTON STREET SCHOOL

Mary Colley,	3A.—2A.,	Salem Normal,	1915
Jeannette Falconer,	2B.—1B.,	Perry Kg. Tr. School,	1916

SPECIAL TEACHERS

Margaret E. Grady, Primary Supervisor.....	Salem Normal,	1912
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
*Paul Bund, Asst., Manual Training,.....	Sloyd Training School,	1917
Glennie A. Allen, Gymnastics, Boston School of Physical Education,		1916
Leicester F. Hamilton, Military Instructor		1917

EVENING SCHOOL

Clifton W. M. Blanchard, Principal.....	Penmanship
Philip I. Towle, Superv. H. S. Dept.....	Bookkeeping
Harry H. Fogg.....	Mechanical Drawing
Arthur Schubert	Non-English Speaking Class
George F. Weston, Jr.,.....	Civil Service preparation
Arthur W. Johnson.....	Typewriting
Josephine Wentworth	Typewriting
Cora E. Riley	Commercial Arithmetic
Elizabeth W. Carvell.....	Stenography
Martha H. Noyes.....	Stenography
Martha R. Stevens	English
Bertha R. Davis	Grammar School Subjects

ATTENDANCE OFFICER

Thomas F. McGuine

MEDICAL INSPECTOR

Edward W. Barrett, M. D.

JANITORS

Frank P. Pierce, 200 Salem Street.....	High School
Arthur D. Chickering, 227 Salem Street.....	Engineer, High School
Daniel H. Prescott, 16 Summer Street.....	Fireman, High School
Elvin Johnson, 5 Allen Court.....	Washington and Everett Schools
George S. Lambert, 300 Salem Street.....	Franklin School

MEDFORD HISTORICAL SOCIETY.

Report of Water and Sewer Commissioners

Medford, Mass., January. 1918.

Hon. Benjamin F. Haines, Mayor,

Dear Sir:—

The annual report of the Water and Sewer Commissioners for the year 1917 is herewith submitted.

At the expiration of the term of office of John H. Byron, John D. Dwyer was appointed for the term ending the first Monday in March, 1920.

Mr. Kearins was re-elected chairman, for another year.

As expected after the country entered the war, new work in this department dropped off rapidly making less of an increase to our works showing than for several years.

The total water consumption by the city for the year, as reported by the Metropolitan Water and Sewerage Board was 599,062,000 gallons; the low service 460,357,000 gallons and the high service 138,705,000 gallons. This figures 49 gallons average per person per day, where it was 46 the previous year.

Superintendent Whitney enlisted in the regular army May 26, and went immediately into service, leaving Henry F. Hughes in charge, when he was appointed acting superintendent.

By authority of Chapter 503, Acts of 1912, that Act having been accepted by the voters at the following election, the board put Patrick Brett, James Finnigan, Owen Gallagher and John O'Brien on pension at the rate specified in the Act.

The community north of the plain, that is the rock bound bluffs north of Kidders Hill and Fellsway West, now asking so many extensions to the water mains, have had a very large proportion of our water rates which are available for new work, expended for their account. Event-

ually the department will be able to give them all water in that section, perhaps as soon as the occupants of the development have their proposed streets brought to a reasonable grade. That has been our aim and we see no reason why it cannot be continued, notwithstanding it will not increase our net revenue much for many years to come.

We recommend that there be appropriated money enough to properly care for the sewers, and the brooks and streams which are under our control, for Sewer Maintenance \$2,000, and Brooks and Streams \$500.

The work done in detail follows :

NEW MAINS

STREET	LOCATION	Length	Size
Amaranth Avenue	From Fellsway to connect end	82 ft.	6 inch
Andrews Street	From Russell Street, north	270 ft.	6 inch
Bonner Avenue	From End, east	98 ft.	6 inch
Burnside Street	From near Central Avenue, south	449 ft.	6 inch
Capen Street	From Gove Street to Harold Street	70 ft.	6 inch
Central Avenue	From Pinkert Street to connect end	128 ft.	8 inch
Cherry Court	From Cherry Street to end	165 ft.	4 inch
College Avenue	From Stearns Avenue to Stanley Avenue	234 ft.	8 inch
Cottage Park Road	From Woodrow Avenue to connect end	453 ft.	6 inch
Fellsway W. S.	From Central Avenue, south to connect end	305 ft.	12 inch
Fellsway West. N. S.	From End, westerly to near Fulton Street	261 ft.	8 inch
Fellsway West. E. S.	From Foss Street to Gordon road	319 ft.	8 inch
Foss Street	From Draper street to Fulton Street	555 ft.	8 inch
Frederick Avenue	From End, westerly to College Avenue	855 ft.	6 inch
Fulton Street	From near Ames Street, south	297 ft.	8 inch
Gilson Avenue	From Gordon Road, south	97 ft.	6 inch
Gordon Road	From Fellsway West to end	391 ft.	6 inch
Gorham Road	From Warren Street to connect end	144 ft.	6 inch
Hamilton Street	From Harold Street to North Street	655 ft.	6 inch
Harold Street	From Hamilton Street to Capen Street	262 ft.	6 inch
Johnson Avenue	From Tyler Avenue, south	216 ft.	6 inch
Kilgore Avenue	From Mystic Valley Parkway to cross line	258 ft.	6 inch
Metcalf Street	From Walnut Street to connect end	22 ft.	6 inch
Russell Street	From Foss Street to Andrews Street	665 ft.	6 inch
Saunders Street	From Foss Street to hydrant	89 ft.	6 inch
Stanley Avenue	From College Avenue to connect end	9 ft.	6 inch
Thomas Street	From Walnut Street to Thomas Court	423 ft.	6 inch
Tyler Avenue	From End, westerly	265 ft.	6 inch
Walnut Street	From End, southerly	181 ft.	6 inch
Westwood Road	From Forest Street to gate	43 ft.	10 inch
Woodrow Avenue	From Brookside Parkway to end	340 ft.	6 inch

MAINS RENEWED

STREET	LOCATION	Length	Old Size	New Size
College Avenue	From George Street, south	72 ft.	6 inch	8 inch

Total length mains in use Jan. 1, 1917,.... 380,115 ft

Total length mains laid, 1917..... 8,624 ft.

Total length mains in use Jan. 1, 1918,.... 388,739 ft. or 73.62 miles.

MAIN LEAKS

Twenty-five main leaks have been attended to.

BLOW-OFFS

Twelve new blow-offs have been installed in following locations:

Frederick Avenue at College Avenue into manhole.
Andrews Street at end of pipe.
Capen Street at end into manhole.
Stanley Avenue at end of pipe.
Fellsway West, north side near Fulton Street, into manhole.
Kilgore Avenue at Parkway into sewer.
Harold Street at end of pipe into sewer.
Gilson Avenue at end of pipe.
Woodrow Avenue into creek.
Woodrow Avenue at end toward Forest Street.
Cherry Court at end into manhole.
Tyler Avenue at end of pipe.

Blow-offs were taken out at Fellsway near Central avenue, Fulton street south of Ames street, and Cottage Park road.

NEW HYDRANTS

STREET	LOCATION	Size connection
Amaranth Avenue	South of Fellsway	6 inch
Andrews Street	North of Russell Street	6 inch
Burnside Street	South of Central Avenue	6 inch
Cottage Park Road	400 feet north of Woodrow Avenue	6 inch
Frederick Avenue	800 feet west of Main Street	6 inch
Frederick Avenue	150 feet east of College Avenue	6 inch
Fulton Street	350 feet south of Ames Street	6 inch
Gilson Avenue	Corner of Gordon Road	6 inch
Hamilton Street	Corner of Harold Street	6 inch
Hamilton Street	300 feet west of North Street	6 inch
Johnson Avenue	North of High Street	6 inch
Kilgore Avenue	At Mystic Valley Parkway	6 inch
Russell Street	Near Crane Street	6 inch
Saunders Street	North of Foss Street	6 inch
Tyler Avenue	320 feet east of Grove Street	6 inch
Woodrow Avenue	West of Cottage Park Road	4 inch

There are now 708 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

Two hundred and sixteen new services have been installed, their length totaling 8,876 feet, 10 inches; 4,152 feet in the street and 4,724 feet, 10 inches on private property.

Twenty-seven services have been renewed from the main to the street line; forty-four have been cleaned; nineteen have been thawed, and one hundred and seven leaks repaired.

Five services were abandoned.

Meters

During the year we have set 266 meters on services new.

SEWER CONSTRUCTION

STREET	LOCATION	Length	Size
Barnard Street	From Woburn Street to near Vernon Street	402.0 ft.	8 in.
Capen Street	From Gove Street to Harold Street	70.0 ft.	8 in.
Cherry Court	From Cherry Street, westerly	173.5 ft.	8 in.
College Avenue	From Stanley Avenue to Stearns Avenue	159.7 ft.	8 in.
Fellsway West (N. S.)	From sta. 6 plus 35.5 to sta. 8 plus 87.3	251.8 ft.	8 in.
Fulton Street (off)	From Rockwood Terrace to flusher	326.2 ft.	8 in.
Hamilton Street	From Harold Street to near North Street	541.5 ft.	8 in.
Hancock Avenue	From angle to sta. 1 plus 54.7	154.7 ft.	8 in.
Harold Street	From Capen Street to beyond Hamilton Street	247.3 ft.	8 in.
Maverick Court	From Maverick Street, westerly	168.4 ft.	8 in.
Mystic Street	From Auburn Street to Prescott Street	275.8 ft.	8 in.
Thomas Street	From Thomas Court to Walnut Street	341.7 ft.	8 in.
Wolcott Street	From sta. 3 plus 86 to sta. 4 plus 28	42.0 ft.	8 in.
Woodrow Avenue	From sta. 0 plus 13 to Walter Street	367.0 ft.	8 in.
East of B. & M. R. R.	From opp. Sixth Street north to manhole	275.9 ft.	8 in.

Total length of sewers laid 1917..... 3,797.5 ft.

Total length of sewers Jan. 1, 1917.....344,397.99 ft.

Total length of sewers Jan. 1, 1918348,195.49 ft. or 65.94 miles.

Sewer Connections

One hundred and ninety-four connections have been made with the main sewer; two connections have been lowered; one connection has been extended; and one connection has been abandoned.

Sewer Maintenance

During the year we have cared for the main sewers as usual.

Forty sewer connections have been cleared of obstructions, one of which was relaid.

Brooks and Streams

All brooks and streams in our charge have been cleaned and cared for as usual.

Winter Brook across Main street and Tufts Park, where it is covered, has been scraped.

The following financial statement for the year is reported by the Registrar:

Water Works Account, 1917.

Cr.

Receipts, water rates	\$ 86,643 67
Receipts, construction	5,530 53
Receipts, maintenance ..	307 72
Receipts, meter account	6 00
	<hr/>
	\$92,487 92

Dr.

Paid, maintenance of the works	\$ 20,096 46
Paid, nineteenth assessment for Metropolitan Water	33,666 75
Paid, construction, meters and service pipes	38,724 71
	<hr/>
	\$ 92,487 92

378 REPORT OF WATER AND SEWER COMMISSIONERS

Sewer Construction Account, 1917

Cr.

Balance remaining, see previous report	\$ 8,316 89
Sewer Assessments	1,469 63
Sewer connection assessments	7,170 76
Apportioned accounts, sewer assessments	2,134 15
Apportioned accounts, sewer connections	1,086 23
Apportioned accounts, sewer assessments paid in advance	289 46
Apportioned accounts, sewer connections paid in advance...	187 04
Receipts, stock and labor bills	166 24
	<hr/>
	\$ 21,420 45

Dr.

Paid, sewer construction, 1917	\$ 17,005 22
Sewer assessments apportioned	861 28
Sewer connection assessments apportioned	1,157 36
Balance unexpended December 31, 1917	2,396 59
	<hr/>
	\$ 21,420 45

Sewer Maintenance Account, 1917

Cr.

Appropriations	\$ 1,350 00
Receipts, 1917	41 55
	<hr/>
	\$ 1,391 55

Dr.

Paid during 1917	\$ 1,389 03
Balance unexpended December 31, 1917.....	2 52
	<hr/>
	\$ 1,391 55

Brooks and Streams Account, 1917

Cr.

Appropriations\$ 650 00
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Dr.

Paid during 1917\$ 650 00

Sewer Assessments

Total assessments, January 1, 1917\$321,611 12
 Assessments levied during 1917 1,409 63

Total assessments levied to date\$323,080 75

Petitions for the apportionment of sewer assessments to the amount of \$861.23 were granted during 1917 and the same certified to the Board of Assessors.

The sewer connection work during the year has cost per foot as follows:

2 connections	221 ft.	Cost between	\$0.30 and \$0.40
7 "	249 ft.	" "	.40 " .50
20 "	760 ft. 6 in.	" "	.50 " .60
47 "	1,880 ft.	" "	.60 " .70
34 "	1,303 ft.	" "	.70 " .80
26 "	1,189 ft. 6 in.	" "	.80 " .90
19 "	714 ft.	" "	.90 " 1.00
37 "	1,429 ft.	" "	1.00 " 2.00
1 "	52 ft.	" "	2.00 " 3.00
1 "	270 ft.	Cost over	3.00
1 lowered	43 ft.	Cost between	.50 and .90
1 "	15 ft.	Cost over	1.00
1 extended	22 ft.	" "	1.00

Making 194 connections and 1 extension, 8089 ft., and 2 lowered, 58 ft., a total of 8,147 ft., costing \$7,270.76, making the average cost \$0.89 per linear foot; 1 connection 248 feet was abandoned. Making to January 1, 1918:—

Total number of sewer connections ..	6,106
Total length of all sewer connections ..	271,965 feet
	or 51,508 miles
Total cost of all sewer connections ..	\$149,192.37
Average length of all sewer connections ..	44.54 feet
Average cost per foot of all sewer connections.....	\$0.548
Buildings connected with sewers, see last report	5812
Buildings connected during 1917	193
	<hr/> 6005
Families accommodated, see last report	8346
Additional accommodated during 1917 ..	317
	<hr/> 8663

Also seven stores, three garages, three factories, one church, one school house and two storehouses.

380 REPORT OF WATER AND SEWER COMMISSIONERS

Water Maintenance, 1917

	Bills	Labor	Total
Administration expense		\$ 7,100 00	\$ 7,100 00
Main pipe leaks	\$ 156 56	530 45	687 01
Service pipe leaks	55 95	586 09	642 04
Services cleared or renewed	140 23	565 19	705 42
Services abandoned	8 19	20 89	29 08
Services inspected		1 40	1 40
Gates, stops and boxes	16 02	388 87	404 89
Meters	423 96	3,447 78	3,871 74
Hydrants	899 31	1,222 87	2,122 18
Fountains	36 86	59 09	95 95
Stable and garage	1,096 96	1,103 04	2,200 00
Shop and stock	359 55	1,116 18	1,475 73
Turning on and off water		321 28	321 28
Delivering bills		232 02	232 62
City of Malden for water	7 78		7 78
Taking account of stock		33 45	33 45
Locating service boxes		50 86	50 86
Covering main, Auburn Street bridge	7 63	16 54	24 17
Miscellaneous	65 00	25 77	90 77
Total paid in 1917	\$3,274 00	\$16,822 46	\$20,096 46

Water Construction, 1917

New Mains Account	Bills	Labor	Total
Amaranth Avenue	195 47	\$ 114 86	\$ 310 33
Andrews Street	450 93	242 31	693 24
Bonner Avenue	72 88	61 27	134 15
Burnside Street	417 88	279 73	697 61
Capen Street	69 88	75 61	145 49
Central Avenue	173 15	105 33	278 48
Cherry Court	117 40	89 70	207 10
College Avenue	291 23	251 40	542 63
Cottage Park Road	495 48	166 52	662 00
Fellsway	632 69	266 23	898 92
Fellsway West	727 87	366 91	1,094 78
Fifth Street extension	52 00		52 00
Foss Street	1,220 76	925 59	2,146 35
Frederick Avenue	810 87	431 88	1,242 75
Fulton Street	704 63	663 89	1,368 52
Gilson Avenue	276 55	172 84	449 39
Gordon Road	701 73	672 55	1,374 28
Gorham Road	155 77	167 65	323 42
Hamilton Street	689 21	490 83	1,180 04
Harold Street	246 49	166 38	412 87
Johnson Avenue	187 41	129 49	316 90
Kilgore Avenue	248 61	172 73	421 34
Metcalf Street	26 61	28 36	54 97
Russell Street	1,289 90	1,240 86	2,530 76

REPORT OF WATER AND SEWER COMMISSIONERS 381

Saunders Street	107 97	33 77	141 74
Thomas Street	443 09	186 80	629 89
Tyler Avenue	346 34	131 98	478 32
Walnut Street	145 04	110 73	255 77
Westwood Road	163 99	79 03	243 02
Woodrow Avenue	431 58	187 99	619 57

Mains Renewed Account

College Avenue	\$ 128 28	\$ 69 14	\$ 197 42
----------------------	-----------	----------	-----------

Other Expense

New Services laid	\$ 3,789 12	\$ 1,726 72	\$ 5,515 84
New Meters Account	229 13	132 00	361 22
New Hydrants Account	20 15	20 99	41 14
Stable and Garage	2,207 96		2,207 96
Engineers	243 04		243 04
Stock and tools	1,624 22	871 52	2,495 74
Work done, to be collected for ...	357 17	297 13	654 30
Administration	2,372 63	4,682 50	7,055 13
Filling settled trenches		4 23	4 23
Old pumping station piping		42 06	42 06
Totals paid in 1917	\$22,865 11	\$15,859 60	\$38,724 71

Sewer Maintenance, 1917

	Bills	Labor	Total
Sewer connections stopped	\$ 8 39	\$ 124 45	\$ 132 84
Scraping and cleaning sewers		1,013 60	1,013 60
Flushing sewers		4 11	4 11
Sewers stopped		8 79	8 79
Care of manholes	8 35	18 42	26 77
Raising manholes	9 34	47 11	56 45
Stock and tools	146 47		146 47
Total paid in 1917	\$ 172 55	\$ 1,216 48	\$ 1,389 03

Sewer Construction, 1917

New Sewers	Bills	Labor	Total
Barnard Street	\$ 310 82	\$ 522 09	\$ 832 91
Capen Street	119 99	265 57	385 56
Cherry Court	129 47	133 60	263 07
College Avenue	158 57	286 38	444 95
Fellsway West	154 00	221 26	375 26
Fulton Street (off)	202 63	257 83	460 46

382 REPORT OF WATER AND SEWER COMMISSIONERS

Hamilton Street	344 22	603 71	947 93
Hancock Avenue	99 93	160 29	260 22
Harold Street	181 47	286 86	468 33
Maverick Court	142 89	112 92	255 81
Mystic Street	185 36	183 80	369 16
Sixth Street	339 64		339 64
Thomas Street	189 96	250 71	440 67
Wolcott Street	79 29	191 37	270 66
Woodrow Avenue	256 05	220 31	476 36

Other Expense

Sewer Connections		\$ 4,118 70	\$ 4,118 70
Connecting manholes with water..\$	34 13	62 41	96 54
Raising manholes to grade	61 42	112 78	174 20
Repairing streets, settled		24 79	24 79
Work done, to be collected for	65 19	89 16	154 35
Stable and garage expense	1,000 00		1,000 00
Administration expense	2,266 20		2,266 20
Engineering expense	245 94		245 94
Stock and tools	2,122 24	211 27	2,333 51
Total paid in 1917	\$ 8,689 41	\$ 8,315 81	\$17,005 22

Brooks and Streams, 1917

General Account	Bills	Labor	Total
Care and inspection	\$	\$ 83 64	\$ 83 64
Gravelly Creek			
Cleaning		77 58	77 58
Nowell Creek			
Cleaning		2 75	2 75
Whitmore Brook			
Cleaning		33 54	33 54
Winter Brook			
Cleaning	27 91	424 58	452 40
	\$ 27 91	\$ 622 09	\$ 650 00

Respectfully Submitted,

PATRICK KEARINS,

EUGENE F. IRWIN,

JOHN D. DWYER,

Water and Sewer Commissioners.

Our chairman having passed away before he had an opportunity to sign the above, his name is added by the other members.

Government of the City of Medford

(List compiled May 7, 1918.)

MAYOR

Hon. BENJAMIN F. HAINES, 52 Central Avenue

Term expires first Monday in January, 1919.

MAYOR'S CLERK

Richard L. Baldwin, Bristol Road

BOARD OF ALDERMEN

President, Frank G. Volpe

William S. Cash,	Ward 1	45 Grant Avenue
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
Eugene F. Irwin,	Ward 2	171 Riverside Avenue
Richard B. Coolidge,	Ward 3	7 Hastings Lane
Charles M. Hayden,	Ward 3	43 Water Street
Frank G. Volpe,	Ward 3	123 Forest Street
Harry M. MacNear,	Ward 4	30 Orchard Street
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
Oscar L. Soderlund,	Ward 5	8 Morton Avenue
George W. Taintor,	Ward 5	15 William Street
Cuthbert H. Lowell,	Ward 6	32 Irving Street
Leslie N. Gebhard,	Ward 6	11 Edison Avenue
John J. Mulkerin,	Ward 6	75 Arlington Street
Frederick R. Wood,	Ward 7	28 Fourth Street
Lawrence N. Barry,	Ward 7	36 Foster Court
Ira H. J. Ellsworth,	Ward 7	29 Second Street

Clerk:

Charles A. Winslow, 33 Orchard Street
(Who is also the City Clerk)

Clerk of Committees:

Charles T. Daly, 65 Playstead Road

City Messenger:

Arthur E. Crowley, 16 West Street

CITY OFFICERS AND BOARDS

City ClerkCharles A. Winslow
 City TreasurerEdward A. Badger
 City CollectorEdward W. Hayes
 City AuditorGeorge D. Cummings
 City Solicitor
 City EngineerFred R. Charnock
 City PhysicianEdward W. Barrett
 Purchasing AgentWilliam H. Casey
 Street CommissionerHugh G. Kennedy
 Superintendent of Moth Suppression...Hugh G. Kennedy
 Inspector of Buildings.....Frank B. Blodgett
 Superintendent of Wires and Gas Fittings, Henry A. Gaffney
 Inspector of AnimalsHarrie W. Peirce
 Forest WardenCharles E. Bacon

School Committee

Hon. Benjamin F. Haines, Mayor, Ex-officio

Members at Large

William Cushing Wait.....Term expires 1921
 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. James G. Harris " " 1921
 Ward 4. Clara T. Guild " " 1921
 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.....	" "	1920
John A. Ricker	" "	1921

Board of Health

Alfred J. Hawks, Chairman	Term expires	1920
Warren S. McIntire	" "	1921
Franklin E. Campbell	" "	1919
Alvin R. Reed, Clerk		

Overseers of the Poor

John J. FitzGerald, Chairman	Term expires	1919
George J. Hackett	" "	1921
Henry Sterling	" "	1920

Park Commissioners

Wilton B. Fay, Chairman	Term expires	1918
Thomas D. Collins	" "	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	" "	1921
Walter F. Cushing	" "	1921
Charles H. Barnes	" "	1920
Everard I. Langell, Treasurer	" "	1919
Willard Dalrymple, Secretary	" "	1919

Water and Sewer Commissioners

John D. DwyerTerm expires 1920

Fred L. Cushing, Water Registrar

Henry F. Hughes, Acting Superintendent

Trustees of Cemeteries

Ellery A. Armstrong, ChairmanTerm expires 1921
 Fred W. Rauskolb " " 1920

Trustees of Public Library

Ernest B. Moore, Chairman.....Term expires 1920
 Edward M. Barney " " 1919
 Allan A. Claffin " " 1918

Registrars of Voters

John J. Conway, Chairman....Term expires April 1, 1921
 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

MEDFORD HISTORICAL SOCIETY.

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MEBFORD HISTORICAL SOCIETY.

ac. 3026

